

1-1-2010

# 2010-2011 Undergraduate Catalog

Eastern Kentucky University

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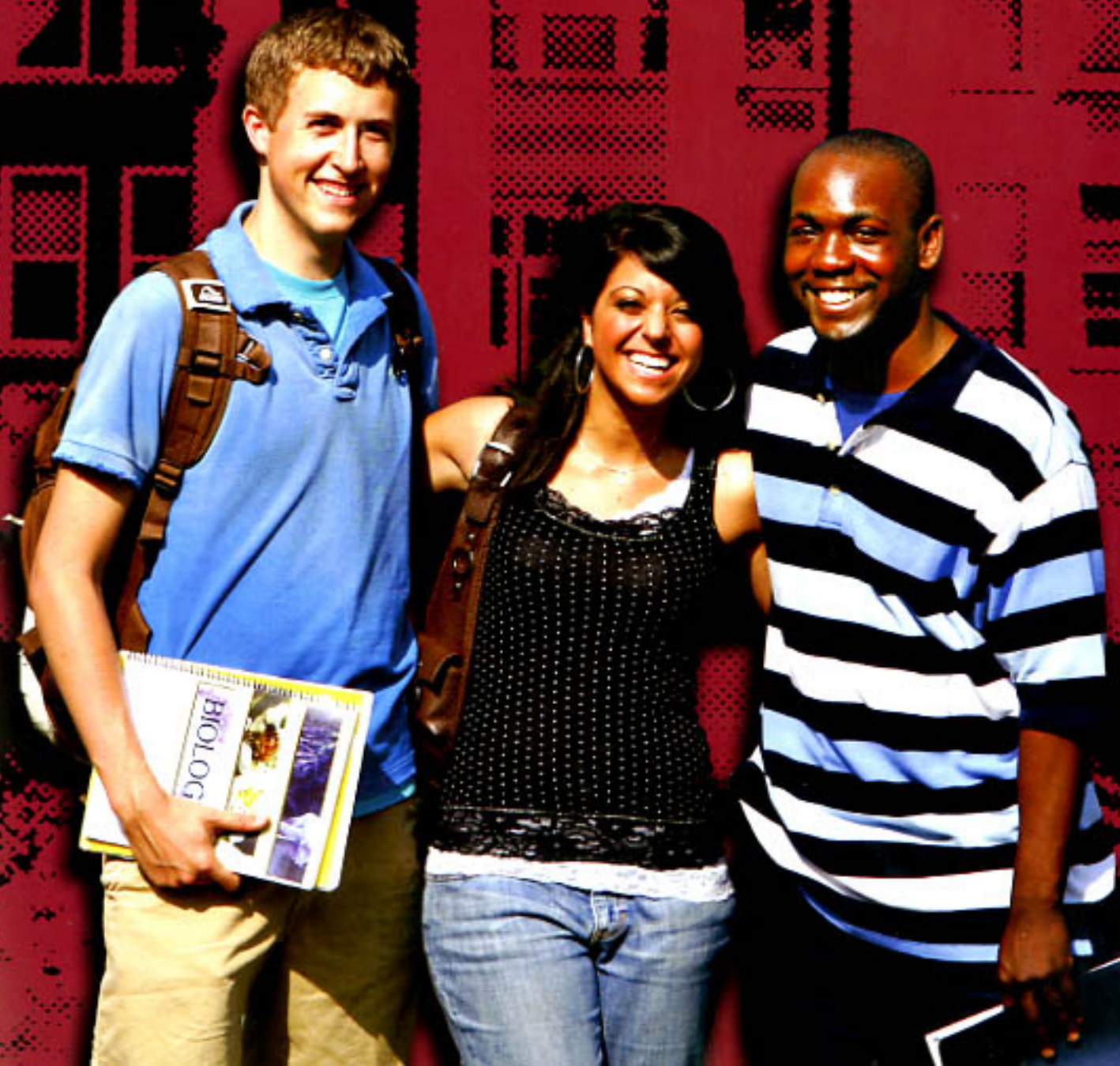
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EASTERN KENTUCKY UNIVERSITY

# Undergraduate Catalog 2010-11



# Eastern Kentucky University

## Undergraduate Catalog

### 2010-2011



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and paid from state funds.*

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## Notifications

All statements in this publication are announcements of present policy only and are subject to change without prior notice. Nothing contained in this publication is intended to create nor shall be construed as creating a contract, either express or implied, or guarantee for any term or for any specific procedures.

Eastern Kentucky University is an Equal Opportunity/Affirmative Action employer and educational institution and does not discriminate on the basis of age, race, color, religion, sex, sexual orientation, disability, national origin or Vietnam era or other veteran status in the admission to, or participation in, any educational program or activity which it conducts. Any complaint arising by reason of alleged discrimination should be directed to the Equal Opportunity Office of Eastern Kentucky University (Jones Building, Room 106, CPO 37A, Richmond, KY 40475-3102, 859- 622-8020 v/tdd), or to the Director of the Office for Civil Rights, U.S. Department of Education, Philadelphia, PA.

The Board of Regents of Eastern Kentucky University does hereby reaffirm the University's commitment to providing educational opportunities to all qualified students regardless of economic or social status and ensuring that participation in all University sponsored activities will be administered in a way that furthers the principles of equal employment and educational opportunities.

Eastern Kentucky University does not discriminate on the basis of disability in the admission or access to educational opportunities, programs or activities. The Director of Services for Individuals with Disabilities, Turley House, Room 1, Eastern Kentucky University, Richmond, Kentucky 40475, coordinates compliance with all federal, state and local laws and regulations concerning access for disabled individuals. Requests for information concerning the Americans with Disabilities Act and other federal and state laws relating to disabilities and the rights provided thereunder, as well as all requests for accommodations based upon disability should be directed to this office.

Eastern Kentucky University is committed to providing a healthy and safe environment for its students, faculty and staff through its compliance with the Drug-Free Workplace Act of 1988 and the Drug-Free Schools and Communities Act Amendment of 1989. In accordance with these laws, students, faculty and staff are hereby notified of the standards of conduct which shall be applicable while on University property, on University business or at University sponsored activities.

By University rules and regulations, federal laws, state laws, and local ordinances, students, faculty and staff are prohibited from the unlawful possession, use, dispensation, distribution, or manufacture of illicit drugs on University property, on University business and/or at University sponsored activities.

Any member of the student body, faculty or staff who violates the University's standards of conduct shall be subject to appropriate disciplinary action up to and including suspension and/or termination. In addition to disciplinary sanctions, students or employees may face prosecution and imprisonment under federal and/or state laws which make such acts felony or misdemeanor crimes. The specifically defined standards of conduct, the disciplinary procedures and possible sanctions appear in the *Student Handbook* and the *Faculty Handbook*.

Continuous efforts are made to make students, faculty and staff aware of the on-campus and off-campus programs which provide information and professional services on matters related to the abuse of alcohol and drugs. For additional information individuals should contact the Eastern Kentucky University Counseling Center.

## Federal Regulations

### Provisions of the Family Educational Rights and Privacy Act of 1974 (as amended) PUBLIC LAW 93-380

This is to serve notice to all students of Eastern Kentucky University of the rights and restrictions regarding the maintenance, inspection, and release of student records contained in the Family Educational Rights and Privacy Act of 1974 (FERPA), as amended. The University is composed of five colleges and offers a wide variety of services to students. Each college and service requires the maintenance of some records concerning students enrolled in a particular college or participating in a nonacademic service. The location and type of record maintained by the University depends upon the field of study or service in which the student is enrolled. The following is a list of the types of records maintained by the University for students:

1. Grade reports
2. Transcripts
3. Curriculum information
4. Applications for graduation
5. Correspondence with students, if any
6. Withdrawal records, if applicable
7. Admission forms
8. ACT test scores
9. Student teacher evaluations, if applicable
10. Letters of recommendation, if applicable
11. Nominations for awards, if applicable
12. Biographical data
13. Evaluation forms, if applicable
14. Weekly student teacher logs, if applicable
15. Mid-term evaluation, if applicable
16. Records of school visitations, if applicable
17. Physical education requirement waivers
18. Field training evaluations and correspondence, if applicable
19. Professional conduct agreements and liability insurance coverage

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**Access to Records:** In general, the records maintained by the University are available only to the student, to University personnel with legitimate educational interests, to other institutions where the student is seeking financial aid, and to authorized representatives of the Comptroller General of the U.S., the Secretary of Education, or an administrative head of an education agency, in connection with an audit or evaluation of federally support programs, and as provided by Section 164.283 of the Kentucky Revised Statutes. However, information may be released by the institution to appropriate persons in connection with an emergency if the knowledge of such information is necessary to protect the health or safety of a student or other persons. Records may also be furnished in compliance with a judicial order or pursuant to a subpoena or with the consent of the student.

Students may inspect and review all records pertaining to them within forty-five (45) days of making request for same, except for (1) records created or maintained by a physician, psychiatrist, psychologist or other recognized professional or paraprofessional acting or assisting in a professional capacity in connection with treatment of the student (except that the student may have these records reviewed by a physician or appropriate professional designated by the student, ), (2) financial records of the student's parents, (3) confidential letters and recommendations put in the files prior to January 1, 1975, and (4) confidential recommendations relating to admission, applications for employment, or honors, if the student has waived his/her right to review such records. Where a particular record cannot be reviewed by a student without revealing confidential information relating to other students, the records custodian will inform the student, upon request, of the contents of the record pertaining to that student.

Parents who claim a student as a dependent may present their federal tax declaration, in lieu of having the student's written consent, to gain access to information concerning their children's grades.

**Procedures for Challenge:** A student who believes that any record maintained by the University pertaining directly to that student is inaccurate, misleading, or otherwise violative of the right of privacy of the student as provided by Title IV of Pub. L. 90-247, as amended, and Publ. L. 93-380 as amended by Senate Joint Resolution 40 (1974) may request a hearing before a panel of three persons appointed by the President of the University. The panel may direct that appropriate action be taken to correct, explain, or expunge the record(s) challenged.

Request for hearings should be addressed to the Office of University Counsel, Eastern Kentucky University, Coates Room 205, CPO 40A, 521 Lancaster Avenue, Richmond, Kentucky 40475-3102.

**Directory Information:** The University may release information without the student's consent where the information is classified as "directory information." The following categories of information have been designated by the University as directory information: name, address, telephone listing, e-mail address, date and place of birth, major field of study, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, degrees and awards received, and the most recent previous education institution attended by the student. Students who do not wish such information released without their consent should notify the Student Records Office in writing. Any such request should be sent to Office of the Registrar, Office of Academic Records/Transcripts, Eastern Kentucky University, Student Services Building Room 239, CPO 58, 521 Lancaster Avenue, Richmond, Kentucky 40475-3158.

**Notification of Rights Under FERPA for Postsecondary Institutions:** The Family Educational Rights and Privacy affords students certain rights with respect to their education records. They are:

- (1) The right to inspect and review the student's education records within 45 days of the day the University receives a request for access. Students should submit to the registrar, dean, head of the academic department, or other appropriate official, written requests that identify the record(s) they wish to inspect. The University official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the University official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.
- (2) The right to request the amendment of the student's education records that the student believes are inaccurate or misleading.

Students may ask the University to amend a record that they believe is inaccurate or misleading. They should write the University official responsible for the record, clearly identify the part of the record they want changed, and specify why it is inaccurate or misleading.

If the University decides not to amend the record as requested by the student, the University will notify the student of the decision and advise the student of his or her right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

- (3) The right to consent to disclosures of personally identifiable information contained in the student's education records, except to the extent that FERPA authorizes disclosure without consent.

One exception which permits disclosure without consent is disclosure to school officials with legitimate educational interests. A school official is a person employed by the University in an administrative, supervisory, academic or research, or support staff position (including law enforcement unit personnel and health staff); a person or company with whom the University has

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contracted (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks. A school official has a legitimate education interest if the official needs to review an education record in order to fulfill his or her professional responsibility.

Upon request, the University discloses education records without consent to officials of another school in which a student seeks or intends to enroll.

- (4) The right to file a complaint with the U.S. Department of Education concerning alleged failures by the University to comply with the requirements of FERPA. The name and address of the Office that administers FERPA are: Family Policy Compliance Office, U.S. Department of Education, 600 Independence Avenue SW, Washington, DC 20202-4605.

## **Student Right-To-Know Act (Pub. L. 101-542)**

Eastern Kentucky University

**1999-2000**

Section 103 of the Student Right-To-Know and Campus Security Act of 1990 (Public Law 101-542) as amended by the Higher Education Technical Amendments of 1991 (Public Law 102-26) requires public disclosure of relevant graduation rate information for students enrolled in colleges and universities receiving federal financial assistance annually beginning July 1, 1993. Graduation rate information is published each year in the *University Handbook for Students* or may be obtained upon request from the Office of the Provost and Vice President for Academic Affairs, Coates Administration Building, Room 110, CPO 30A, 521 Lancaster Avenue, Richmond, Kentucky 40475-3102.

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# SECTION ONE

Eastern Kentucky  
University

## Introduction

Eastern Kentucky University is a regional, coeducational, public institution of higher education offering general and liberal arts programs, pre-professional and professional training in education and various other fields at both the undergraduate and graduate levels. Located in Richmond, Madison County, Kentucky, Eastern Kentucky University has a distinguished record of more than a century of educational service to the Commonwealth.

Situated near the heart of the Bluegrass, Richmond is served by a network of major highways which makes Eastern Kentucky University easily accessible from all parts of Kentucky and surrounding states. Richmond is 26 miles southeast of Lexington, Kentucky. Interstate Highways 1-75 (north-south) and I-64 (east-west) make the metropolitan areas of Cincinnati, 112 miles to the north, and Louisville, 110 miles to the west, within convenient distance by automobile. Richmond is also served by U.S. Route 25 from south Eastern Kentucky and Kentucky Route 52 from the east and west. The Kentucky Turnpike and the Mountain, Hal Rogers, and Cumberland Parkways provide even greater accessibility by automobile since the city is located near the convergence of these arterial highways into the interstate system.

Richmond, the county seat of Madison County, is an expanding community of approximately 30,000 population.

In and around Richmond are many areas of historic and scenic interest. Boonesborough State Park, birthplace of Kentucky, is located 12 miles to the north. Many other historical places are within easy driving distance. Scenic and recreational areas surround this section of the state.

## History

The Kentucky General Assembly of 1906 enacted legislation establishing the Eastern Kentucky State Normal School. Governor J. C. Beckham signed the bill into law on March 21, 1906. On May 7 of that year, the Normal School Commission, meeting in Louisville, selected the campus of the old Central University, founded in 1874, in Richmond, Kentucky, as the site of the new school. On June 2, 1908, Ruric Nevel Roark was chosen President of the Normal School and the training of teachers was begun.

In 1922, Eastern Kentucky University became a four-year institution known as the Eastern Kentucky State Normal School and Teachers College. The first degrees were awarded by this institution in 1925. In 1928, the College was accredited by the Southern Association of Colleges and Secondary Schools. In 1930, the General Assembly renamed the school the Eastern Kentucky State Teachers College.

In 1935, a graduate program was approved at Eastern, leading to the Master of Arts degree in Education. In 1948, the General Assembly removed the word "Teachers" from the name of the college and granted the college the right to award nonprofessional degrees.

The most significant day since its founding came for Eastern on February 26, 1966, when Governor Edward T. Breathitt signed into law a bill renaming the institution Eastern Kentucky University (EKU) and sanctioning the awarding of graduate degrees in academic fields other than education.

During this period of time, Eastern Kentucky University has increased rapidly in size and stature. Beginning with a few students engaged in short review and certificate courses, the University today serves thousands of Kentuckians. The curriculum

leads to associate degrees, baccalaureate degrees, and an expanding graduate program that currently offers degrees at the master's level in many other fields as well as the already well-established Master of Arts degree in Education and the various fifth- and sixth-year leadership programs in education. Specialist degree programs have been implemented in education and psychology.

In 2008, EKU offered its first doctoral degree, the Doctor of Education (Ed.D.). In addition to these programs, Eastern Kentucky University offers cooperative doctoral programs with cooperating institutions.

Ever-mindful of the purpose of its founding, Eastern continues to recognize its historic function of preparing quality teachers for the elementary and secondary schools of the Commonwealth. However, a strong liberal arts curriculum leading to appropriate degrees, together with pre-professional courses in several areas and graduate programs, enable Eastern to serve the Commonwealth as a regional comprehensive university.

## Mission Statement

Eastern Kentucky University is a student-centered comprehensive public university dedicated to high-quality instruction, scholarship, and service.

## Core Values

Since its inception in 1874, Eastern Kentucky University (then known as Central University) has been driven by core values. Although its mission has evolved and expanded to meet the changing needs of citizens of the Commonwealth (and increasingly other places in the world), core values are still an integral part of the University community. Values are the code of organizational conduct. They guide decision-making in all parts of the University. They direct our actions and must inspire all of us in the EKU community to be true to them. The EKU community is committed to embodying these values in our policies and procedures in our day-to-day activities to accomplish our mission and achieve our vision. EKU has been and will continue to be guided by the following values when planning strategies and implementing decisions regarding the University community's teaching, scholarly, and service activities.

### Civic Responsibility and Civility

We believe that it is the duty of Eastern Kentucky University to deliver to our students an understanding of how the knowledge taught to them can benefit the citizens of southeastern Kentucky, the Commonwealth of Kentucky, the nation, and the world. Civic responsibility is a value that will show those who acquire it how to influence democratic decision-making and to reap the rewards of participatory democracy and active citizenship. At the heart of civic responsibility lies another value: civility. The University community strives to propagate the understanding and practice of civility in public discourse and social life by encouraging the adoption of techniques of democratic conflict resolution that rely on reason and public debate rather than on violence and aggression.

### Diversity and Dignity

Members of the EKU community expect one another to adopt high moral principles and professional standards both inside and outside of the university setting. We hold ourselves to



the responsibility of dignity as exemplified by a proper sense of pride and self-respect in fulfilling the University's mission. We honor and pursue a university community climate that respects and celebrates the diversity of peoples and seeks to embrace all individuals and prohibits judgments based on race, ethnicity, religion, socioeconomic status, gender, sexual orientation, and physical disabilities.

### Excellence and Innovation

Achievement of high standards can only be attained through ongoing assessment and continuous improvement. The promotion of academic excellence is the foundation for institutional excellence and vice versa. An environment that fosters innovation at all levels and rewards creativity is critical to the success of the University and its population.

### Opportunity and Access

The EKU community is dedicated to the idea that its history and tradition are embedded in Appalachian values, foremost of which are the belief in the sovereignty and uniqueness of the individual and the belief that a university education is of great value and should be available to anyone who wants to pursue it.

### Shared Governance and Collaboration

The EKU community accepts as true that leadership characterized by vision and embedded with participatory decision-making at all levels is the emblem of an effective university. We are committed to providing an atmosphere in which we pursue our joint aspirations in the spirit and practice of collegiality and collaboration at all levels of the organization.

### Student Success

The EKU community acknowledges that its students, faculty, staff and alumni are the source of its strength: They determine the spirit, eminence, and efficacy of the institution. The future of EKU directly hinges on the success of its students, so our most central core value is "student success" -- in the classroom, at work, and on the world stage where students will represent the collective efforts of the EKU community.

## Vision

The vision expresses the principal ideal to which the University aspires and toward which it continually works. This vision statement for the 2006-2010 University Strategic Plan was developed after gathering input from external and internal constituents, including top-down and bottom-up perspectives of EKU's future.

**Eastern Kentucky University will hold national distinction as a leading, comprehensive university focused on students and learning.**

## Institutional Goals

Eastern Kentucky University's institutional goals give substance to our core values, vision statement, and mission statement. The goals impact all facets of university life, and accomplishment of them will help Eastern to become a leading comprehensive university in the Commonwealth with a national reputation for excellence. *(These goals are not listed in any*

*particular order or suggested priority as accomplishment of each one is a necessary step toward the successful achievement of our vision and fulfillment of our mission.)*

- To promote and support an inclusive climate that respects and celebrates diversity by attracting, developing and educating a diverse student, faculty and staff population.
- To continuously assess and improve the services and infrastructure of the University to support and maintain high-quality programs.
- To promote learning through high-quality programs, research and support services.
- To develop and enhance an environment facilitating intellectual curiosity, cultural opportunities and problem-solving abilities for members of the University community.
- To increase and enhance external and internal constituency engagement, while maintaining a connection with the southeastern region of Kentucky.

## Strategic Directions 2006-2010 Planning Cycle

To direct the University's actions toward achieving the Vision, to support the University's Mission and Institutional Goals, and to function effectively within an environment of challenges and opportunities, Eastern Kentucky University has selected the following Strategic Directions for the 2006-2010 Strategic Plan. These Directions serve to focus our work to realize our Goals and will guide us over the next four years. *(Please note: the Goals and Strategic Directions are not listed in any particular order or suggested priority.)*

**Goal 1: To promote and support an inclusive climate that respects and celebrates diversity by attracting, developing and educating a diverse student, faculty and staff population.**

Strategic Direction 1.1: *Enhance a climate that supports diversity\*.*

Strategic Direction 1.2: *Increase recruitment and retention of a diverse faculty, staff and student body to reflect the diverse society.*

*\*Eastern Kentucky University promotes a climate that respects and celebrates diversity within its community that includes, but is not limited to, race, ethnicity, religion, socioeconomic status, gender, sexual orientation, disabilities, and cultural or national backgrounds, in pursuit of common unity.*

**Goal 2: To continuously assess and improve the services and infrastructure of the University to support and maintain high quality programs.**

Strategic Direction 2.1: *Enhance technology to ensure access to appropriate and secure technology for all faculty, students, and staff.*

Strategic Direction 2.2: *Continue a model to improve institutional effectiveness by utilizing shared governance and stakeholder participation in the strategic planning, budgeting and assessment process.*

Strategic Direction 2.3: *Increase base budget funding for deferred*

*maintenance annually.*

Strategic Direction 2.4: *Increase financial flexibility.*

Strategic Direction 2.5: *Implement a comprehensive and systematic enrollment planning process to balance student enrollment with campus physical and academic capacities, including members of faculty and staff.*

**Goal 3: To promote learning through high quality programs, research and support services.**

Strategic Direction 3.1: *Enhance student learning through excellence in instruction.*

Strategic Direction 3.2: *Enhance student learning through excellence in research and scholarship.*

Strategic Direction 3.3: *Enhance student learning through excellence in community service.*

Strategic Direction 3.4: *Enhance student learning through excellence in support services.*

Strategic Direction 3.5: *Improve compensation, working conditions, and support for research to attract and retain high quality faculty and staff.*

Strategic Direction 3.6: *Develop and implement a Quality Enhancement Plan (QEP) involving faculty, staff and students.*

Strategic Direction 3.7: *Identify and implement a resource/funding reallocation plan to maximize effective academic program support.*

Strategic Direction 3.8: *Identify and implement a combination of academic programs to meet the current and future workforce needs of EKU students.*

**Goal 4: To develop and enhance an environment facilitating intellectual curiosity, cultural opportunities and problem-solving abilities for members of the University community.**

Strategic Direction 4.1: *Enhance professional development opportunities.*

Strategic Direction 4.2: *Enhance facilities, resources, and opportunities for faculty, staff and students to pursue creative endeavors and research.*

Strategic Direction 4.3: *Develop and implement a plan to increase the amount of time available for faculty and staff to pursue professional activities, creative endeavors, and research.*

**Goal 5: To increase and enhance external and internal constituency engagement, while maintaining a connection with the southeastern region of Kentucky.**

Strategic Direction 5.1: *Increase net external funding.*

Strategic Direction 5.2: *Enhance partnerships with business, community and educational entities.*

Strategic Direction 5.3: *Enhance external and internal marketing*

*and public relations to increase visibility.*

Strategic Direction 5.4: *Enhance EKU's sense of stewardship of place by increasing its commitment to Southeastern Kentucky.*

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# SECTION TWO

## Admission and Residency

## ADMISSION TO THE UNIVERSITY

### GENERAL REQUIREMENTS FOR UNDERGRADUATE ADMISSION

All applicants must provide an application and evidence of appropriate scholastic achievement through prior educational experience.

Please note that certain degree programs have special admission requirements. Admission to the University does not mean automatic admission to all degree programs.

The completed application and all required supporting documentation must be received by the University no later than:

- August 1 for fall enrollment
- December 1 for spring enrollment
- May 1 for summer enrollment
- June 1 for Special Admission students in targeted summer programs

To apply for undergraduate admission to Eastern Kentucky University (EKU), submit completed application materials noted below and the \$30 application fee to: Office of Admissions, SSB 112, CPO 54, 521 Lancaster Avenue, Eastern Kentucky University, Richmond, KY 40475-3154.

### ADMISSION REQUIREMENTS FOR FIRST-TIME FRESHMEN

#### FULL ADMISSION

Students admitted with full admission must have

- graduated from an accredited high school, and earned a minimum cumulative high school grade point average of 2.0 on a 4.0 scale
- or**
- received a General Equivalency Diploma (GED)
- or**
- completed an EKU approved home-school or distance learning high school program
- and**
- submitted a minimum ACT composite score of 18 (with sub-scores meeting or exceeding 18 in English, 19 in Mathematics, and 18 in Reading) or SAT combined verbal/critical reading and mathematics score of 870 or higher.
- met the Kentucky Pre-College Curriculum
- submitted an official copy of final high school transcript or GED exam results.

#### ADMISSION WITH CONDITIONS

Students admitted with conditions must have

- graduated from an accredited high school and earned a minimum cumulative high school grade point average of 2.0 on a 4.0 scale
- or**
- received a General Equivalency Diploma (GED)
- or**
- completed an EKU approved home-school or distance learning high school program,
- and**
- submitted an official copy of a final high school transcript or GED exam results

Students admitted with conditions

- A. - have not met the requirements of the Kentucky Precollege Curriculum
- or**
- B. - have submitted ACT scores with sub-scores less than 18 in English, 19 in Mathematics, or 18 in Reading or an SAT combined verbal/critical reading and mathematics score less than 870
- or**
- C. - have submitted an ACT composite score of 16 or 17.

### SPECIAL ADMISSIONS

Students not meeting admission requirements as outlined above may apply to attend Eastern Kentucky University through a retention support program by applying for special admission. Enrollment at the University will be contingent on selection into this category. Continued enrollment will require full participation and success in identified support programs and coursework as approved through special admissions.

### REQUIREMENTS FOR INTERNATIONAL STUDENTS

International applicants must also submit:

- (1) International application for admission and application fee.
- (2) T.O.E.F.L. (Test of English as a Foreign Language) score of at least 173 on the computer based T.O.E.F.L. exam or 500 on the paper based T.O.E.F.L. exam or ESL Certification from the Eastern Kentucky University English Language Institute.
- (3) Declaration and Certification of Finances and a supporting bank letter, showing financial support to attend Eastern Kentucky University.
- (4) Official copies of your secondary/high school transcript or certification of completion of high school. **Photo copies are not accepted.**
- (5) Official College or University transcripts. University level courses taken at institutions outside of the U.S. must be evaluated by an outside agency (i.e. World Education Services ([www.wes.org](http://www.wes.org)) or Silny and Associates ([www.jsilny.com](http://www.jsilny.com))). Questions regarding the process of foreign transcript evaluation may be directed to the Office of Admissions. **Photo copies are not accepted.**
- (6) Application fee of \$30.

### REQUIREMENTS FOR ADMISSION AS A TRANSFER STUDENT

To be admitted as a transfer student, you must:

- (1) Submit an official transcript from each regionally accredited institution you have attended. Eastern Kentucky University does not accept credits from institutions that are not regionally accredited. Note that the transcript must be sent from the student's institution to Eastern Kentucky University's Office of Admissions. Hand-carried transcripts will not be accepted.
- (2) Have a 2.0 grade point average (GPA) on a 4.0 scale on all work from accredited institutions.
- (3) Provide evidence that you are eligible to return to all institutions you have previously attended.

ACT scores are not required for admission as a transfer

student; however you are strongly encouraged to submit scores for proper course placement and/or to establish your proficiency in the basic skills of English, mathematics, and reading.

**\*Note:** If you are admitted as a transfer student, your cumulative GPA will include hours attempted and quality points earned from all regionally accredited institutions. The Academic Advising Office and the academic department of your major will determine the applicability of your courses to your academic program.

**\*Note:** Eastern Kentucky University subscribes fully to the policies of the “General Education Transfer Agreement” of the Kentucky Council on Postsecondary Education. Thus, Eastern Kentucky University will apply courses transferred from Kentucky public institutions to its general education requirements in accord with those policies.

### REQUIREMENTS FOR READMISSION

All undergraduate students who have not been enrolled at Eastern Kentucky University for a period longer than 24 months must apply for readmission to the University before being allowed to continue taking classes.

If the student is eligible to reenroll at ECU, and has not attended another institution since leaving, they will be readmitted upon submitting an application for readmission.

If a student has attended another institution since leaving ECU, and has been out of the University for longer than 24 months, they will be considered for admission under the guidelines for transfer students.

See the “Stopping Out” procedure in Section Four for additional information.

### OTHER TYPES OF ADMISSION

#### 1. High School Specials

Students who have one unit less than the number required for high school graduation with superior grades (i.e., 3.0+ grade point average) may be admitted upon the written recommendation of the high school principal.

#### 2. ECU Now!

The **ECU Now!** program is designed for high school juniors and seniors within Eastern Kentucky University’s service region and combines features of ECU’s previous Dual Credit and Jump Start programs. This scholarship program provides the opportunity for juniors and seniors to enroll in one course each fall or spring semester with course tuition waived.

To qualify for this program, high school juniors/seniors must have a GPA of 3.0 and ACT scores on file with ECU at the time they apply for the program. To qualify for **ECU Now!** students must have minimum ACT scores of 18 in English, 19 in Mathematics, 20 in Reading and a composite ACT score of 21. High school seniors may take a 2nd course each semester, at no cost, if they have a composite ACT score of 24 or higher at the time of application to the program. If the high school senior has an ACT score of 21 - 23 at the time of application to the program, the 2nd course will cost 50% of the current in-state tuition rate.

**ECU Now!** students may enroll for fall or spring classes at any ECU campus including Richmond, Manchester, Lancaster, Corbin and Danville. An **ECU Now!** admission application should be submitted along with a high school transcript at least one month before the beginning of the ECU school term. A new application and high school transcript is required for each subsequent academic year of participation prior to the first semester of attendance. ECU will waive the admission application fee for each **ECU Now!** admission application. While the **ECU Now!** participants have their course tuition waived, these students will still be held responsible for the cost of textbooks, parking permits and any associated course fees.

**ECU Now!** participants will be offered seats in established ECU courses on an availability basis and for which the student meets all prerequisites. Students in the program attend specific advising sessions and register for courses during a specified timeframe just prior to the beginning of an academic semester. Advising and registration sessions will be available on each of ECU’s campuses.

Continued participation in the **ECU Now!** scholarship program is dependent upon successful completion of courses. Each student is expected to maintain at least a 2.0 cumulative ECU GPA. Students who earn a “D” or “F” grade may not continue their participation until they have repeated the “D” or “F” and earned at least a 2.0 term GPA. Students who elect to repeat a course should contact the Office of the Registrar for registration assistance. Courses repeated by **ECU Now!** participants are subject to a 50% tuition charge at the current in-state rate.

### PRESIDENTIAL SCHOLARSHIP OPPORTUNITY

**ECU Now!** students who meet specific criteria will be awarded an ECU Presidential Scholarship which provides half tuition and is renewable for up to eight semesters. To qualify for this Presidential Scholarship, the **ECU Now!** students must: earn at least 9 credit hours at ECU; have no ECU grade lower than a “C”; have not repeated any ECU course; earn a cumulative ECU GPA of at least a 3.0; have a final high school GPA of at least a 3.0; and have a composite ACT score of at least 23 before graduating from high school. This ECU scholarship will be awarded to qualified **ECU Now!** students who enroll at ECU as first-time freshmen degree-seeking students upon graduation of high school.

#### 3. Visiting Students

If you are a student at another institution and wish to enroll at Eastern Kentucky University as a visiting, or “transient,” student, you may be admitted by submitting an official transcript or a statement indicating that you are eligible to return to your institution.

#### 4. Admission as a Non-Degree Student

Upon submission of an application, you may be admitted as a non-degree student. If so admitted,

- (1) Your eligibility for enrollment in specific courses will be dependent upon meeting the stated course prerequisites.
- (2) You must meet with an academic advisor to be advised and receive a RAC number;
- (3) You will **not** be eligible to receive financial assistance awards.

If you subsequently decide to pursue a degree, you must reapply for admission as a degree seeker. If you are thus admitted,

- (1) You will be required to remediate all pre-college curriculum deficiencies and to satisfy all Eastern Kentucky University developmental requirements.

### 5. O'Donnell Scholarship Recipients

If you are at least 65 years of age, you may be admitted to Eastern Kentucky University with a waiver of tuition. You need submit only an application for admission.

### 6. Special Consideration

If you do not meet the conditions for admission noted above, you may request special consideration for admission. Contact the Office of Admissions for procedures.

### 7. Home-Schooled Students

Eastern Kentucky University applies the same admissions requirements to home-schooled students as those who graduate from a public or private high school. Students who meet our criteria will be granted an admissions status as established by the current admissions policy: Full Admit, Provisional Admit, Probationary Admit, or Special Admit.

Home-schooled students are subject to the secondary education standards established by the Kentucky Department of Education and the Kentucky Council on Post Secondary Education. This includes meeting the curriculum guidelines of the State approved Pre-College Curriculum.

In order to gain admission to Eastern Kentucky University, in addition to the application and application fee, these students must submit a notarized copy of their official transcript demonstrating they have met the PCC curriculum and have a minimum accumulative GPA of 2.0 on a 4.0 scale. They must also submit an official ACT score report.

### 8. International Baccalaureate

Students who complete the International Baccalaureate Diploma may present their official exam results for demonstration of completion of secondary education. Based on the exam scores received, students will qualify for advanced academic placement (See Section Four General Academic Information or [www.testing.eku.edu](http://www.testing.eku.edu)).

## KENTUCKY PRE-COLLEGE CURRICULUM

The Kentucky Pre-College Curriculum (PCC) is defined by the Kentucky Council on Postsecondary Education (CPE) as a prescribed set of high school courses required for admission to an associate or baccalaureate degree program at a Kentucky public university. Students under 21 years of age must complete the PCC if they are admitted to the University as a degree seeking student or transfer in with less than 24 credit hours or transfer in with a GPA less than 2.0 on a 4.0 scale. The Pre-College Curriculum better prepares students for college-level work and reflects high school graduation requirements. Students admitted to the University with PCC deficiencies must complete courses to remediate

these deficiencies. Pre-College Curriculum deficiencies must be remediated within the first 24 hours of enrollment, excluding developmental hours. Specific courses are designated to remediate PCC deficiencies in each content area.

PCC requirements, established by the state, are four credits of English/Language Arts (English I, English II, English III, and English IV or AP English), three credits of Mathematics (Algebra I, Algebra II, and Geometry)\*, three credits of Social Studies (from U.S. History, Economics, Government, World Geography, and World Civilization), three credits of Science (credits include life science, physical science, and earth/space science; one course must be a lab science course), one-half credit of health, one-half credit of physical education, one credit of History and Appreciation of Visual, Performing Arts (history and appreciation of visual and performing arts or another arts course that incorporates such content), and two credits or demonstrated competency of Foreign Language. Students are required to have five electives with three of those rigorous electives.\* It is strongly recommended that students have one or more courses that develop computer literacy. Students have a total of 22 credits (17 required credits and 5 elective credits).

\*Rigorous electives should have the academic content at least as challenging as that in courses required in the minimum high school graduation requirements. These electives should be in social studies, science, math, English and language arts, art and humanities, foreign language, and, above the introductory level, in agriculture, industrial technology, business, marketing, family and consumer sciences, health sciences, and technology education and career pathways. Electives in physical education and health are limited to one-half unit each.

If you have any questions concerning Kentucky Pre-College Curriculum requirements, please contact the Office of Academic Advising or the Office of Admissions. The following chart represents Pre-College Curriculum deficiency areas and courses required to remediate them:

<u>Code</u>	<u>Deficiency Area</u>	<u>Course(s) Required</u>
ALG1 ALG2 GEOM	Mathematics	with developmental requirements: MAT 095 without developmental requirements: MAT 095, MAT 098, MAT 105*, MAT 107*, MAT 109*
ENG1 ENG2 ENG3 ENG4 ENG4 SOST	English	with developmental requirements: ENG 095 without developmental requirements: ENG 101*
	Social Studies	ECO 110*, ECO 130*, HIS 098, HIS 202*, HIS 203*, HIS 231*, HIS 232*,
SCIE	Science	SCI 098, BIO 100*, BIO 102*, BIO 121*, CHE 100*, CHE 101/107*, CHE 105/107*, CHE 111/111L*, GLY 102*, GLY 107*, GLY 108*, GLY 172*, PHY 101*, PHY 102*, PHY 131*, PHY 201*
HEAL PHYS ARTS	Health Physical Education Visual, Performing Arts	HEA 285*, PHE 180* PHE 180* ART 098, MUH 171*, THE 100*
FORL	Foreign Languages	ASL 102*, FLS 102*, FRE 102*,

GER 102\*, JPN 102\*, LAT  
102\*, SPA 102\*

\*Courses count toward degree credit.

## STUDENT RESIDENCY

Since registration and other fees and residence hall room rents are subject to change periodically, no attempt is made in this publication to itemize these costs. This information is available from the Office of Admissions prior to the beginning of each academic year.

### 13 KAR 2:045. Determination of residency status for admission and tuition assessment purposes.

RELATES TO: KRS Chapter 13B, 164.020, 164.030, 164A.330(6)

STATUTORY AUTHORITY: KRS 164.020(8)

**NECESSITY, FUNCTION, AND CONFORMITY:** KRS 164.020(8) requires the Council on Postsecondary Education to determine tuition and approve the minimum qualifications for admission to a state-supported postsecondary education institution and authorizes the Council to set different tuition amounts for residents of Kentucky and for nonresidents. This administrative regulation establishes the procedure and guidelines for determining the residency status of a student who is seeking admission to, or who is enrolled at, a state-supported postsecondary education institution.

#### Section 1. Definitions.

- (1) "Academic term" means a division of the school year during which a course of studies is offered, and includes a semester, quarter, or single consolidated summer term as defined by the institution.
- (2) "Continuous enrollment" means enrollment in a state-supported postsecondary education institution at the same degree level for consecutive terms, excluding summer term, since the beginning of the period for which continuous enrollment is claimed unless a sequence of continuous enrollment is broken due to extenuating circumstances beyond the student's control, including serious personal illness or injury, or illness or death of a parent.
- (3) "Degree level" means enrollment in a course or program which could result in the award of a:
  - (a) Certificate, diploma or other program at an institution;
  - (b) Baccalaureate degree or lower including enrollment in a course by a non-degree seeking postbaccalaureate student;
  - (c) Graduate degree or graduate certification other than a first-professional degree in law, medicine, dentistry or "Pharm. D"; or
  - (d) Professional degree in law, medicine, dentistry, or "Pharm. D".
- (4) "Demonstration of Kentucky domicile and residency" means the presentation of documented information and evidence sufficient to prove by a preponderance of the evidence that a person is domiciled in Kentucky and is a resident of Kentucky.
- (5) "Dependent person" means a person who cannot demonstrate financial independence from parents or persons other than

a spouse and who does not meet the criteria established in Section 5 of this administrative regulation.

- (6) "Determination of residency status" means the decision of a postsecondary education institution that may include a formal hearing that results in the classification of a person as a Kentucky resident or as a nonresident for admission and tuition assessment purposes.
- (7) "Domicile" means a person's true, fixed, and permanent home and is the place where the person intends to remain indefinitely, and to which the person expects to return if absent without intending to establish a new domicile elsewhere.
- (8) "Full-time employment" means continuous employment for at least forty-eight (48) weeks at an average of at least thirty (30) hours per week.
- (9) "Independent person" means a person who demonstrates financial independence from parents or persons other than a spouse and who can meet the criteria established in Section 5 of this administrative regulation.
- (10) "Institution" means an entity defined in KRS 164.001(11) if the type of institution is not expressly stated and includes the Kentucky Virtual University, the Council on Postsecondary Education, and the Kentucky Higher Education Assistance Authority.
- (11) "Kentucky resident" means a determination by an institution for tuition purposes that a person is domiciled and is a resident of Kentucky as determined by this administrative regulation.
- (12) "Nonresident" means a person who is domiciled outside of Kentucky or who currently maintains legal residence outside Kentucky or who is not a Kentucky resident within the meaning of this administrative regulation.
- (13) "Parent" means one (1) of the following:
  - (a) A person's father or mother; or
  - (b) A court-appointed legal guardian if:
    1. The guardianship is recognized by an appropriate court within the United States;
    2. There was a relinquishment of the rights of the parents; and
    3. The guardianship was not established primarily to confer Kentucky residency on the person.
- (14) "Preponderance of the evidence" means the greater weight of evidence, or evidence which is more credible and convincing to the mind.
- (15) "Residence" means the place of abode of a person and the place where the person is physically present most of the time for a noneducational purpose in accordance with Section 3 of this administrative regulation.
- (16) "Student financial aid" means all forms of payments to a student if one (1) condition of receiving the payment is the enrollment of the student at the institution, and includes student employment by the institution or a graduate assistantship.
- (17) "Sustenance" means living expenses including room, board, maintenance, transportation, and educational expenses including tuition, fees, books, and supplies.

#### Section 2. Scope.

- (1) State-supported postsecondary education institutions were established and are maintained by the Commonwealth of Kentucky primarily for the benefit of qualified residents of Kentucky. The substantial commitment of public resources to postsecondary education is predicated on the proposition

that the state benefits significantly from the existence of an educated citizenry. As a matter of policy, access to postsecondary education shall be provided so far as feasible at reasonable cost to an individual who is domiciled in Kentucky and who is a resident of Kentucky.

- (2) The Council on Postsecondary Education may require a student who is neither domiciled in nor a resident of Kentucky to meet higher admission standards and to pay a higher level of tuition than resident students.
- (3) This administrative regulation applies to all student residency determinations regardless of circumstances, including residency determinations made by the state-supported institutions for prospective and currently enrolled students; the Southern Regional Education Board contract spaces; reciprocity agreements, where appropriate; the Kentucky Virtual University; academic common market programs; the Kentucky Educational Excellence Scholarship Program; and other state student financial aid programs, as appropriate.

### Section 3. Determination of Residency Status; General Rules.

- (1) A determination of residency shall include:
  - (a) An initial determination of residency status by an institution during the admission process or upon enrollment in an institution for a specific academic term or for admission into a specific academic program;
  - (b) A reconsideration of a determination of residency status by an institution based upon a changed circumstance; and
  - (c) A formal hearing conducted by an institution upon request of a student after other administrative procedures have been completed.
- (2) An initial determination of residency status shall be based upon:
  - (a) The facts in existence when the credentials established by an institution for admission for a specific academic term have been received and during the period of review by the institution;
  - (b) Information derived from admissions materials;
  - (c) Other materials required by an institution and which are consistent with this administrative regulation; or
  - (d) Other information available to the institution from any source.
- (3) An individual seeking a determination of Kentucky residency status shall demonstrate that status by a preponderance of the evidence.
- (4) A determination of residency status shall be based upon verifiable circumstances or actions.
- (5) Evidence and information cited as the basis for Kentucky domicile and residency shall accompany the application for a determination of residency status.
- (6) A student classified as a nonresident shall retain that status until the student is officially reclassified by an institution.
- (7) A student may apply for a review of a determination of residency status once for each academic term.
- (8) If an institution has information that a student's residency status may be incorrect, the institution shall review and determine the student's correct residency status.
- (9) If the Council on Postsecondary Education has information that an institution's determination of residency status for a student may be incorrect, it may require the institution to review the circumstances and report the results of that review.
- (10) An institution shall impose a penalty or sanction against a student who gives incorrect or misleading information to

an institutional official, including payment of nonresident tuition for each academic term for which resident tuition was assessed based on an improper determination of residency status. The penalty may also include:

- (a) Student discipline by the institution through a policy written and disseminated to students; or
- (b) Criminal prosecution.

### Section 4. Presumptions Regarding Residency Status.

- (1) In making a determination of residency status, it shall be presumed that a person is a nonresident if:
  - (a) A person is, or seeks to be, an undergraduate student and admissions records show the student to be a graduate of an out-of-state high school within five (5) years prior to a request for a determination of residency status;
  - (b) A person's admission records indicate the student's residence to be outside of Kentucky at the time of application for admission;
  - (c) A person moves to Kentucky primarily for the purpose of enrollment in an institution;
  - (d) A person moves to Kentucky and within twelve (12) months enrolls at an institution more than half time; or
  - (e) A person has a continuous absence of one (1) year from Kentucky.
  - (f) A person attended an out-of-state higher education institution during the past 8 academic year and paid in-state tuition at that institution.
- (2) A presumption arising from subsection (1) of this section shall only be overcome by a preponderance of evidence sufficient to demonstrate that a person is domiciled in and is a resident of Kentucky.

### Section 5. Determination of Whether a Student is Dependent or Independent.

- (1) In a determination of residency status, an institution shall first determine whether a student is dependent or independent. This provision is predicated on the assumption that a dependent person lacks the financial ability to live independently of the person upon whom the student is dependent and therefore lacks the ability to form their requisite intent to establish domicile. A determination that a student is independent is only one step in the overall determination of whether a student is a resident of Kentucky.
- (2) In determining the dependent or independent status of a person, the following information shall be considered as well as other relevant information available at the time the determination is made:
  - (a)
    1. Whether the person has been claimed as a dependent on the federal or state tax returns of a parent or other person for the year preceding the date of application for a determination of residency status; or
    2. Whether the person is no longer claimed by a parent or other person as a dependent or as an exemption for federal and state tax purposes; and
  - (b) Whether the person has financial earnings and resources independent of a person other than an independent spouse necessary to provide for the person's own sustenance.
- (3) An individual who enrolls at an institution immediately following graduation from high school and remains enrolled shall be presumed to be a dependent person unless the contrary is evident from the information submitted.



- (4) Domicile may be inferred from the student's permanent address, parent's mailing address, or location of high school of graduation.
- (5) Marriage to an independent person domiciled in and who is a resident of Kentucky shall be a factor considered by an institution in determining whether a student is dependent or independent.
- (6) Financial assistance from or a loan made by a parent or family member other than an independent spouse, if used for sustenance of the student:
  - (a) Shall not be considered in establishing a student as independent; and
  - (b) Shall be a factor in establishing that a student is dependent.

**Section 6. Effect of a Determination of Dependent Status on a Determination of Residency Status.**

- (1) The effect of a determination that a person is dependent shall be:
  - (a) The domicile and residency of a dependent person shall be the same as either parent. The domicile and residency of the parent shall be determined in the same manner as the domicile and residency of an independent person.
  - (b) The domicile and residency of a dependent person whose parents are divorced, separated, or otherwise living apart shall be Kentucky if either parent is domiciled in and is a resident of Kentucky regardless of which parent has legal custody or is entitled to claim that person as a dependent pursuant to federal or Kentucky income tax provisions.
- (2) (a) If the parent or parents of a dependent person are Kentucky residents and are domiciled in Kentucky but subsequently move from the state, the dependent person shall be considered a resident of Kentucky while in continuous enrollment at the degree level in which currently enrolled.
  - (b) If continuous enrollment is broken or the current degree level is completed, the dependent person's residency status shall be reassessed when the circumstances detailed in subparagraph 1 of this paragraph are present.

**Section 7. Member of Armed Forces of the United States, Spouse and Dependents; Effect on a Determination of Residency Status.**

- (1) A member, spouse, or dependent of a member whose domicile and residency was Kentucky at the time of induction into the Armed Forces of the United States, and who maintains Kentucky as home of record and permanent address, shall be entitled to Kentucky residency status:
  - (a) During his or her time of active service; or
  - (b) If the member returns to this state within six (6) months of the date of the member's discharge from active duty.
- (2) (a) A member of the armed services on active duty for more than thirty (30) days and who has a permanent duty station in Kentucky shall be classified as Kentucky resident and shall be entitled to in-state tuition as shall the spouse or a dependent child of the member.
  - (b) A member, spouse or dependent of a member, shall not lose Kentucky residency status if the member is thereafter transferred on military orders while the member, spouse or dependent requesting the status is in continuous enrollment at the degree level in which currently enrolled.
- (3) Membership in the National Guard or civilian employment at a military base alone shall not qualify a person for Kentucky

residency status under the provisions of subsections (1) and (2) of this section. Provided, however, that a member of the Kentucky National Guard who is on active duty status for a period of not less than thirty (30) days, and who meets the requirements of subsection (2)(a) shall be considered a Kentucky resident, as shall the spouse and a dependent child of the member.

- (4) A person's residency status established pursuant to this section shall be reassessed if the qualifying condition is terminated.

**Section 8. Status of Nonresident Aliens; Visas and Immigration.**

- (1) (a) A person holding a permanent residency visa or classified as a political refugee shall establish domicile and residency in the same manner as another person.
  - (b) Time spent in Kentucky and progress made in fulfilling the conditions of domicile and residency prior to obtaining permanent residency status shall be considered in establishing Kentucky domicile and residency.
- (2) A person holding a nonimmigrant visa with designation A, E, G, H-1, H-4 if accompanying a person with an H-1 visa, I, K, L, N, R, shall establish domicile and residency in the same manner as another person.
- (3) (a) An independent person holding a nonimmigrant visa with designations B, C, D, F, H-2, H-3, H-4 if accompanying a person with an H-2 or H-3 visa, J, M, O, P, Q, S, TD or TN shall not be classified as a Kentucky resident, because that person does not have the capacity to remain in Kentucky indefinitely and therefore cannot form the requisite intent necessary to establish domicile within the meaning of this administrative regulation.
  - (b) A dependent person holding a visa as described in paragraph (a) of this subsection, but who is a dependent of a parent holding a visa as described in subsection (2) of this section, shall be considered as holding the visa of the parent.
  - (c) A dependent person holding a visa described in subsection (2) of this section or paragraph (a) of this subsection, if a parent is a citizen of the United States and is a resident of and domiciled in Kentucky, shall be a resident of Kentucky for the purposes of this administrative regulation.
- (4) A person shall be a Kentucky resident for the purpose of this administrative regulation if the person graduated from a Kentucky high school and:
  - (a) Is an undocumented alien;
  - (b) Holds a visa listed in subsections (2) or (3) (a) of this section; or
  - (c) Is a dependent of a person who holds a visa listed in subsections (2) or (3) (a) of this section.
- (5) (a) Except as provided in paragraph (b) of this subsection, a person who has petitioned the federal government to reclassify visa status shall continue to be ineligible until the petition has been decided by the federal government.
  - (b) A person who has petitioned the federal government to reclassify his or her visa status based on marriage to a Kentucky resident and who can demonstrate that the petition has been filed and acknowledged by the federal government, may establish Kentucky domicile and residency at that time.

**Section 9. Beneficiaries of a Kentucky Educational Savings Plan Trust.**

A beneficiary of a Kentucky Educational Savings Plan Trust shall be granted residency status if the beneficiary meets the requirements of KRS 164A.330(6).

**Section 10. Criteria Used in a Determination of Residency Status.**

- (1) A determination of Kentucky domicile and residency shall be based upon verifiable circumstances or actions. A single fact shall not be paramount, and each situation shall be evaluated to identify those facts which are essential to the determination of domicile and residency. A person shall not be determined to be a Kentucky resident by the performance of an act which is incidental to fulfilling an educational purpose or by an act performed as a matter of convenience. Mere physical presence in Kentucky, including living with a relative or friend, shall not be sufficient evidence of domicile and residency. A person shall respond to all information requested by an institution.
- (2) The following facts, although not conclusive, shall have probative value in their entirety and shall be individually weighted, appropriate to the facts and circumstances in each determination of residency:
  - (a) Acceptance of an offer of full-time employment or transfer to an employer in Kentucky or contiguous area while maintaining residence and domicile in Kentucky;
  - (b) Continuous physical presence in Kentucky while in a nonstudent status for the twelve (12) months immediately preceding the start of the academic term for which a classification of Kentucky residency is sought;
  - (c)
    1. Filing of Kentucky resident income tax return for the calendar year preceding the date of application for a change in residency status; or
    2. Payment of Kentucky withholding taxes while employed during the calendar year for which a change in classification is sought;
  - (d) Full-time employment of at least one (1) year while living in Kentucky;
  - (e) Attendance as a full-time, nonresident student at an out-of-state institution based on a determination by that school that the person is a resident of Kentucky;
  - (f) Abandonment of a former domicile or residence and establishing domicile and residency in Kentucky with application to or attendance at an institution following and incidental to the change in domicile and residency;
  - (g) Obtaining licensing or certification for a professional and occupational purpose in Kentucky;
  - (h) Payment of real property taxes in Kentucky;
  - (i) Ownership of real property in Kentucky, if the property was used by the student as a residence preceding the date of application for a determination of residency status;
  - (j) Marriage of an independent student to a person who was domiciled in and a resident of Kentucky prior to the marriage; and
  - (k) The extent to which a student is dependent on student financial aid in order to provide basic sustenance.
- (3) Except as provided in subsection (4) of this section, the following facts, because of the ease and convenience in completing them, shall have limited probative value in a determination that a person is domiciled in and is a resident of Kentucky:
  - (a) Kentucky automobile registration;

- (b) Kentucky driver's license;
  - (c) Registration as a Kentucky voter;
  - (d) Long-term lease of at least twelve (12) consecutive months of noncollegiate housing; and
  - (e) Continued presence in Kentucky during academic breaks.
- (4) The absence of a fact contained in subsection (3) of this section shall have significant probative value in determining that a student is not domiciled in or is not a resident of Kentucky.

**Section 11. Effect of a Change in Circumstances on Residency Status.**

- (1) If a person becomes independent or if the residency status of a parent or parents of a dependent person changes, an institution shall reassess residency either upon a request by the student or a review initiated by an institution.
- (2) Upon transfer to a Kentucky institution, a student's residency status shall be reassessed by the receiving institution.
- (3) A reconsideration of a determination of residency status for a dependent person shall be subject to the provisions for continuous enrollment, if applicable.

**Section 12. Student Responsibilities.**

- (1) A student shall report under the proper residency classification which includes the following actions:
  - (a) Raising a question in a timely manner concerning residency classification;
  - (b) Making application for change of residency classification in a timely manner with the designated office or person at the institution; and
  - (c) Notifying the designated office or person at the institution immediately upon a change in residency.
- (2) If a student fails to notify an institutional official of a change in residency, an institutional official may investigate and evaluate the student's current residency status.
- (3)
  - (a) If a student fails to provide, by the date specified by the institution, information required by an institution in a determination of residency status, the student shall be notified by the institution that the review has been canceled and that a determination has been made.
  - (b) Notification shall be made by registered mail, return receipt requested.
  - (c) Notification shall be made within ten (10) calendar days after the deadline for receipt of materials has passed.
- (4) A student shall not be entitled to appeal a determination of residency status if the determination made by an institution is made because a student has failed to meet published deadlines for the submission of information as set forth in subsection (3) of this section. A student may request a review of a determination of residency status in a subsequent academic term.

**Section 13. Institutional Responsibilities.**

Each institution shall:

- (1) Provide for an administrative appeals process that includes a residency appeals officer to consider student appeals of an initial residency determination and which shall include a provision of fourteen (14) days for the student to appeal the residency appeals officer's determination;
- (2) Establish a residency review committee to consider appeals of residency determinations by the residency appeals officer. The residency review committee shall make a determination

- of student residency status and notify the student in writing within forty-five (45) days after receipt of the student appeal;
- (3) Establish a formal hearing process as described in Section 14 of this administration regulation; and
  - (4) Establish written policies and procedures for administering the responsibilities established in subsections (1), (2), and (3) of this section and that are:
    - (a) Approved by the institution's governing board;
    - (b) Made available to all students; and
    - (c) Filed with the council.

#### Section 14. Formal Institutional Hearing.

- (1) A student who appeals a determination of residency by a residency review committee shall be granted a formal hearing by an institution if the request is made by a student in writing within fourteen (14) calendar days after notification of a determination by a residency review committee.
- (2) If a request for a formal hearing is received, an institution shall appoint a hearing officer to conduct a formal hearing. The hearing officer:
  - (a) Shall be a person not involved in determinations of residency at an institution except for formal hearings; and
  - (b) Shall not be an employee in the same organizational unit as the residency appeals officer.
- (3) An institution shall have written procedures for the conduct of a formal hearing that have been adopted by the board of trustees or regents, as appropriate, and that provide for:
  - (a) A hearing officer to make a recommendation on a residency appeal;
  - (b) Guarantees of due process to a student that include:
    1. The right of a student to be represented by legal counsel; and
    2. The right of a student to present information and to present testimony and information in support of a claim of Kentucky residency.
  - (c) A recommendation to be issued by the hearing officer.
- (4) (a) The formal hearing conducted by an institution and the final recommended order represent a final administrative action with no appeal to the Council on Postsecondary Education.  
 (b) A formal administrative hearing conducted by the Council on Postsecondary Education for residency determinations related to eligibility for the Academic Common Market and Regional Contract Programs shall be conducted pursuant to the provisions of KRS Chapter 13B and 13 KAR 2:070. The recommended order issued by the President of the Council represents a final administrative action.
- (5) An institution's formal hearing procedures shall be filed with the Council on Postsecondary Education and shall be available to a student requesting a formal hearing.

#### Section 15. Cost of Formal Hearings.

- (1) An institution shall pay the cost of all residency determinations including the cost of a formal hearing.
- (2) A student shall pay for the cost of all legal representation in support of the student's claim of residency. (17 Ky.R. 2557; eff. 4-5-91; Am. 22 Ky.R. 1656; 1988; eff. 5-16-96; 23 Ky.R. 3380; 3797; 4099; eff. 6-16-97; 24 Ky.R. 2136; 2705; 25 Ky.R. 51; eff. 7-13-98; 25 Ky.R. 2177; 2577; 2827; eff. 6-7-99; 749; 1238; eff. 11-12-2002.)

## RESIDENCY APPEALS POLICY AND PROCEDURES

### 1. BASIS FOR RESIDENCY CLASSIFICATION

The Commonwealth of Kentucky has established a process and corresponding criteria for the determination of residency classification for students seeking admission to, or enrolled in, public institutions of higher education. The Council on Postsecondary Education (hereinafter referred to as "CPE") has established Kentucky Administrative Regulation 13 KAR 2:045 (hereinafter referred to as "the Regulation") to be followed by all public institutions of higher education in the Commonwealth concerning residency classification. As well as being published in the current *Undergraduate Catalog*, this Regulation can be found in the current *Graduate Catalog* and copies are available upon request from the Office of Admissions, located in Student Services Building, Room 112 or by calling (859) 622-2106 or 1-800-465-9191.

### 2. INSTITUTIONAL ADMINISTRATION OF THE RESIDENCY POLICY

The CPE authorizes each institution to establish a procedure for the determination of residency classification based upon the Regulation.

#### 2.1 Office of Admissions

The Office of Admissions, Student Services Building, Room 112, CPO 54, 521 Lancaster Avenue, Richmond, KY 40475-3154, at Eastern Kentucky University serves as the coordinating office for institutional implementation of the Regulation. Instructions for filing applications for reclassification and copies of the Regulation are available in this office. Also, Admissions staff members are available to answer questions regarding policy and procedures.

#### 2.2 Initial Classification

The initial determination of residency status is made by the University based upon the credentials submitted by an applicant for admission to the University in accordance with the Regulations.

#### 2.3 Appeal of Residency Status

Once an initial classification of residency is made by the Office of Admissions, it is the student's responsibility to initiate an appeal of such classification. Request for reclassification must be filed with the Office of Admissions **NO LATER THAN THIRTY (30) CALENDAR DAYS** after the first full day of classes of the fall or spring academic term for which reclassification is sought or not later than ten (10) calendar days after the first day of class for the summer term. Requests for reclassification are to be made in affidavit form on the form available from the Office of Admissions. A student may apply only once during an academic term. A student classified as a non-resident will retain that status until a change is brought about by successful appeal. If an appeal results in a change of classification, the change will not be effective earlier than the semester during which the appeal is filed. If a student is initially classified non-resident but does not enroll the semester for which the student originally applied, the residency classification will be reassessed for subsequent semesters.

**2.4 Affidavit (Application for Reclassification)**

Affidavits will not be accepted unless the form is fully completed, properly signed and notarized. In no case will a decision be granted without an affidavit and all required supporting documentation.

**2.5 Documentation**

Because of the variety of factors related to establishing residency for tuition purposes, the number of documents required to complete an appeal may vary from case to case. In all cases, the University may require certification of authenticity of documents. It is the appealing student's responsibility to provide sufficient documentation to clarify circumstances related to the appeal. In all cases, circumstances related to establishing domicile must be verifiable.

**2.6 Review of the Residency File by the Residency Appeals Officer**

A Residency Appeals Officer designated by the University shall review the affidavit and documentation and notify the student, in writing, within fourteen (14) days of making a determination. Students who do not agree with the Residency Appeals Officer's determination may appeal his/her residency status to the University's Residency Review Committee within fourteen (14) days of the Residency Appeals Officer's determination.

**3. UNIVERSITY RESIDENCY REVIEW COMMITTEE**

Pursuant to the Regulation, Eastern Kentucky University has a Residency Review Committee (hereinafter referred to as the "Committee") to review and evaluate student affidavits for reclassification and to consider changes in the residency classification.

**3.1 Timely Appeal**

The Student must notify the Residency Appeals Officer in writing, if he or she wishes his/her case to be reviewed by the Committee, within fourteen (14) calendar days after notification of the Residency Appeals Officer's determination. The Residency Appeals Officer shall immediately forward the request and the student's residency file to the Chair of the Committee.

**3.2 Committee Membership**

The Residency Review Committee shall be comprised of three members: the Associate Vice President for Enrollment Management; a member of the Faculty-at-Large, who shall be appointed annually by the Faculty Senate; and a member of the student body, who shall be appointed by the Office of the Vice President for Student Affairs from a list of students recommended by the Student Association.

**3.3 Determination of the Committee**

The Committee shall issue a written decision citing the section of the Regulation on which the decision is based. The Committee may vote to defer a case for additional documentation, or the Committee may make a decision contingent upon conditions prescribed by the Committee. The Chair of the Committee will then determine when and whether contingencies are met.

**3.4 Notification of Decision**

The Committee shall make a determination of student residency status and notify the student, in writing, within forty-five (45) days after receipt of the student appeal. Decisions denying appeals are communicated to the student by certified mail, return receipt requested. In all cases where the Committee reaches a

determination granting in-state residency status, copies of the letter of notification will be sent to the Office of Admissions, Student Accounting Services, the Registrar's Office, and Student Financial Assistance.

**4. REQUEST FOR FORMAL HEARING**

Pursuant to the Regulation, the University shall provide a formal hearing in the event a student wishes to appeal the determination of the Residency Review Committee.

**4.1 Timely Request**

A student who wishes to appeal the determination of the Committee shall be granted a formal hearing by the University if the student notifies the Office of the Associate Vice President for Enrollment Management, Student Services Building, Room 340, CPO 63, Richmond, KY 40475-3163, in writing, within fourteen (14) calendar days after notification of the Residency Review Committee's determination. The Assistant Vice President for Enrollment Management shall immediately forward the request and the student's residency file to the Office of the President.

**4.2 The Hearing Officer**

Upon receipt of a request for a formal hearing, the University President shall appoint a Hearing Officer to conduct the hearing. The Hearing Officer shall not be a person involved in determinations of residency at a public institution of higher education in Kentucky (including the Kentucky Commonwealth Virtual University) and shall not be an employee of the same organizational unit as the Residency Appeals Officer.

**4.3 Formal Hearing Procedures**

The hearing shall be conducted in accordance with the following procedures:

**4.3.1. Notice of Hearing**

- 4.3.1.a.** The University shall conduct the hearing as soon as practicable and shall give notice of the hearing to the parties not less than twenty (20) days in advance of the date set for the hearing. A reasonable effort shall be made to schedule the hearing on a date that is convenient to all parties involved.
- 4.3.1.b.** The hearing notice shall be served on all parties by certified mail, return receipt requested, to the last known addresses of the parties, or by personal service.
- 4.3.1.c.** The notice shall be in plain language and shall include:
- the date, time and place of the hearing;
  - the name, official title, and mailing addresses of the Hearing Officer;
  - the names, official titles, mailing addresses, and, if available, telephone numbers of all parties involved in the hearing, including the counsel or representative of the University; and
  - a statement advising the student of his/her right to legal counsel.

**4.3.2. Hearing Procedure**

- 4.3.2.a.** The Hearing Officer shall conduct the hearing and all related proceedings in a manner which will promote the orderly and prompt conduct of the hearing.
- 4.3.2.b.** To the extent necessary for the full disclosure of all relevant facts and issues, the Hearing

Officer shall give all parties the opportunity to respond, present evidence and argument, conduct cross-examination, and submit rebuttal evidence.

- 4.3.2.c. Any party to the hearing may participate in person or be represented by counsel. A student shall pay for the cost of all legal representation in support of the student's claim or residency. Legal counsel for the student must file a notice of appearance with the Hearing Officer prior to the date of the hearing.
- 4.3.2.d. The Hearing Officer may conduct all or part of the hearing by telephone, television, or other electronic means, if each party to the hearing has an opportunity to hear, and if technically feasible, to see the entire proceeding as it occurs, and if each party agrees.
- 4.3.2.e. The hearing shall be open to the public unless specifically closed pursuant to a provision of law. If the hearing is conducted by telephone, television, or other electronic means, and is not closed, public access shall be satisfied by giving the public an opportunity, at reasonable times, to hear or inspect the University's records.

#### 4.4 **Findings of Fact; Evidence; Recording of Hearing; Burden of Proof**

- 4.4.1. Findings of fact shall be based exclusively on the evidence on the record.
- 4.4.2. All testimony shall be made under oath or affirmation.
- 4.4.3. Objections to evidence presented may be made by any party and shall be noted in the record.
- 4.4.4. The University shall be responsible for having all testimony, motions and objections in a hearing accurately and completely recorded. Any person, upon request, may receive a copy of the recording or a copy of the transcript, if the hearing has been transcribed, at the discretion of the University, unless the hearing is closed by law. The University may prepare a transcript of a hearing or a portion of a hearing upon request but the party making the request shall be responsible for the transcription costs. The form of all requests and fees charged shall be consistent with KRS 61.870 to 61.884.
- 4.4.5. Unless otherwise provided by state or federal law, the student appealing the residency decision has the burden of proving the student's right to having his/her residency status changed. The student has the ultimate burden of proof of persuasion as to this issue to be shown by a preponderance of evidence in the record. Failure to meet the burden of proof is grounds for a recommended order from the Hearing Officer.

#### 4.5 **Prohibited Communications**

- 4.5.1. The Hearing Officer shall not communicate off the record with any party to the hearing or any other person who has a direct or indirect interest in the outcome of the hearing,

concerning any substantive issue, while the hearing is pending.

#### 4.6. **Recommended Order**

- 4.6.1. The Hearing Officer shall complete and submit to the University President, no later than sixty (60) days following receipt of the student's residency file, a written recommended order which shall include the Hearing Officer's findings of fact, conclusion of law, and recommended disposition of the hearing.
- 4.6.2. A copy of the Hearing Officer's recommended order shall also be sent to each party in the hearing. Each party shall have fifteen (15) days from the date the recommended order is mailed within which to file exceptions to the recommendations with the University President. The recommended order may be sent by regular mail to the last known address of the party.

#### 4.7. **Final Order**

- 4.7.1. In making the final order, the University President shall consider the record including the recommended order and any exceptions filed by, or on behalf of, the student.
- 4.7.2. The University President may accept the recommended order of the Hearing Officer and adopt it as the University's final order, or he or she may reject or modify, in whole or in part, the recommended order, or he or she may send the matter, in whole or in part, back to the Hearing Officer for further proceedings as appropriate.
- 4.7.3. The final order shall be in writing. If the final order differs from the recommended order, it shall include separate statements of findings of fact and conclusions of law.
- 4.7.4. The University President shall render a final order within thirty (30) days after receipt of the recommended order unless the matter is sent back to the Hearing Officer for further proceedings.
- 4.7.5. A copy of the final order shall be transmitted to each party or to his/her attorney of record by certified mail, return receipt requested, sent to the last known address of the parties, or by personal service. A copy of the final order shall also be sent to the Office of Admissions, Student Accounting Services, the Registrar's Office, and Student Financial Assistance.

## 5. RECORDS

All official files and materials relating to a student's appeal of an initial residency determination shall be returned to the Office of Admissions to be placed with the application for admissions at whatever point in the process the appeals procedure is terminated.

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# SECTION THREE

## Student Services

## OFFICE OF FINANCIAL AFFAIRS AND TREASURER

The Office of Financial Affairs and Treasurer coordinates the following areas of University operations: 1) Accounting and Financial Services, 2) Colonel 1 Card Office, 3) Purchases and Stores, and 4) Student Accounting Services. Additionally, the following contractual departments report to the University through the Office of Financial Affairs: 1) Dining Services and 2) EKU Bookstore.

Students may view the mission statement of each of the above areas by visiting the Office of Financial Affairs and Treasurer web page at [www.financialaffairs.eku.edu](http://www.financialaffairs.eku.edu).

### Financial Obligations of the Student

Any student or former student who is indebted to the University and who fails to make satisfactory settlement within a time limit prescribed is liable for administrative action. Students who are indebted to the University may not register at the University nor will their transcript be released until the debt is paid. Any student indebted to the University who cannot meet his or her financial obligations within the time limit prescribed is responsible for calling on the Division of Student Accounting Services and explaining the reasons for failure to pay. Students who fail to pay their account balance in a timely manner may also be liable for additional collection costs incurred by the University in collecting the amount owed.

### Refund Policy

No refund can be made on certain class fees and optional fees as established by the Eastern Kentucky University Board of Regents. Students wishing to withdraw from courses must do so online via **EKUDirect** (on the EKU home page at [www.eku.edu](http://www.eku.edu)). When a student officially withdraws from the University or from any course, or courses, for which hourly rates apply, tuition and fees will be adjusted in the following manner:

<b>Time Period*</b>	<b>Refund</b>
During ADD/DROP period for any class (for full semester classes = 1st week)	100%
From end of 1st week through end of 2nd week of class	75%
From end of 2nd week through end of 3rd week of class	50%
From end of 3rd week through end of 4th week of class	25%
After the 4th week of class	0%

\*Partial semester courses vary in length and the percentage of refunds and the effective dates will be modified accordingly.

**This policy applies to refundable fees only; non-refundable fees are not included.**

*In no case shall a refund of rent be made to a person who remains a student but moves from University housing at his or her convenience.*

An appeals process exists for students who feel that individual circumstances warrant exceptions from published policy. Financial Appeals may be submitted if a student had an unforeseeable and unavoidable situation during the semester the charges were incurred that prevented them from attending classes and completing the semester. All appeal letters should be submitted

by the student in writing clearly stating the reason for the appeal. Documentation should be attached to all appeal letters to validate the situation. Circumstances that do not qualify for financial appeal include pre-existing conditions, routine, pregnancy, employment opportunities and financial hardship, including denial of financial aid. In most cases, any refund that is the result of an approved appeal will be returned to the source of the payment, either the student, the financial aid lender or a third party entity. Financial Appeals should be submitted to the Financial Appeals Committee at SSB CPO 60, 521 Lancaster Avenue, Richmond, KY 40475.

Refunds for reduction in course load for part-time students will be at the same percentage rate as for students who officially withdraw from the University; however, if the reduction in course load results from the cancellation of a class or from the student having been permitted to enroll for a class for which he or she was not eligible, a full refund will be made of the registration fee for the course being dropped.

### **Barnes & Noble at EKU Bookstore**

Keen Johnson Building

Phone: (859) 622-2696 Fax: (859) 622-2660

[www.yourschoolyourbookstore.com](http://www.yourschoolyourbookstore.com)

The Barnes & Noble at EKU Bookstore is located at the heart of campus in the Keen Johnson Building. The Bookstore is the place for one-stop shopping on all EKU licensed merchandise, textbooks, and much more. It offers a wide variety of products, services, and events including:

- Large selection of USED and Rental textbooks
- Class supplies
- Trade books, magazines, gift items, greeting cards, diploma frames, nursing shop.
- Convenience items
- Under Armour, Nike, Adidas, Cutter & Buck, and much more – your headquarters for officially licensed EKU merchandise.
- Backpacks
- Online Textbook reservations
- Barnes & Noble gift cards
- Book signings
- Faculty receptions

The EKU Bookstore works diligently with departments, faculty and staff to ensure that textbooks and products required for each class are readily available to students. Textbook requests are required from the departments and faculty by these dates:

- **March 1** For the upcoming *SUMMER* sessions
- **April 1** For the upcoming *FALL* semester
- **October 1** For the upcoming *SPRING* semester

Textbook requests are required by the above dates for the following reasons:

- To allow ample time to receive all textbooks from the publishers in a timely manner
- To give out top dollar to students during Book Buyback
  - Book Buyback begins directly before Finals Week
  - If you use the same textbook in the next session, students will receive up to 50% back on their textbooks - but only if your textbook adoption is on file!

- To allow time to review orders and make any additional corrections if needed

Regular EKU Bookstore hours are:

Monday-Thursday 7:45 a.m. - 6:00 p.m.  
 Friday 7:45 a.m. - 5:00 p.m.  
 Saturday 11:00 a.m. - 3:00 p.m.

The Bookstore is open extended hours during the beginning and end of each semester and during special events.

### **Colonel 1 Card Office**

Powell Building 1st Floor

Phone: (859) 622-2179 Fax: (859) 622-6226

The Colonel Card 1 Office provides students with a variety of services regarding their EKU student identification card, the Colonel 1 Card. This identification card is used for meal plans, Colonel Cash, campus vending machines, laundry rooms in residence halls, at the EKU Bookstore, and at the EKU Computer Store. In addition, EKU has partnered with Higher One for refund disbursements and to add optional banking solutions.

The Colonel 1 Card Office is responsible for issuing new and replacement identification cards. The Colonel 1 Card Office will troubleshoot any issues that a student may have with their card or accounts associated with their card. Students, faculty, and staff may purchase meal plans and add money to their accounts in the Colonel 1 Card Office.

The Colonel 1 Card will allow students access to the following:

- Athletic events
- University Library facilities
- Cashing checks
- Campus recreation
- University sponsored events
- Student Health Services

The Colonel 1 Card has three different accounts associated with the card:

- Colonel Cash** - This is a prepaid account that can be used at the EKU Dining Services locations, the EKU Bookstore, the EKU Computer Store, campus vending machines, and laundry rooms in the residence halls. This account will carry balances over from year-to-year.
- Meal Plans** - EKU Dining Services has several different meal plans to accommodate any student's needs. Meal plans can be used at any EKU Dining Services location. Please check with EKU Dining Services regarding terms and conditions associated with meal plans. Please note that EKU Dining Services follows the same refund schedule, for full term, which is outlined by the University. (See Refund Policy above.) EKU's Colonel Compass <http://www.eku.edu/compass/deadlines/> lists all important dates and deadlines associated with each term.
- Optional Flex** - This is a prepaid account that can be used at any EKU Dining Services location. Please check with EKU Dining Services regarding terms and conditions associated with this account.

Acceptable methods of payment for meal plans, Optional Flex,

or Colonel Cash accounts are cash, check, Visa, Mastercard, University student account (meal plans only).

The Colonel 1 Card Office is open during the following normal business hours:

Monday, Wednesday, Thursday 8:00 a.m. - 5:00 p.m.  
 Tuesday 8:00 a.m. - 6:00 p.m.  
 Friday 8:00 a.m. - 4:30 p.m.

The Colonel 1 Card is property of EKU and is issued for convenience. It must be presented (or surrendered) upon request by authorized officials of the University. This card is to be returned upon termination of the holder's relationship with the University. Any expenditure associated with the use of this card is the responsibility of the holder until it is reported lost/stolen. A fee will be charged for damage made to the identification card or if the card is lost or stolen. The loss of a card must be reported immediately to the Colonel 1 Card Office, Powell Student Center, (859) 622-2179.

### **Dining Services**

17 Powell Building

Phone: (859) 622-3691 Fax: (859) 622-6226

[www.ekudining.com](http://www.ekudining.com)

EKU Dining offers a variety of dining alternatives including fresh food options, an assortment of brand restaurants, catering, and athletic concessions. It is the goal of EKU Dining to provide high quality and satisfying dining experiences for the whole campus community.

The Fresh Food Company and Stratton Cafe offer freshly cooked food in a comforting atmosphere. The Fountain Food Court blends the signature brands Grille Works and Zoca with the famous national brands Chick-fil-A, Energy Zone, and Quiznos. Java City at the Crabbe Library and Einstein Bros. Bagels in the Moore Building offer gourmet coffees, bakery items, as well as grab & go salads and sandwiches. A new Starbucks location came to EKU Spring 2009 and is located in the Weaver Building. EKU Dining also operates five convenience stores throughout campus. In order to provide better convenience to students, the C3 Express stores in Telford, Keene, and Martin Hall stay open until midnight and the Fountain Food Court is open until 2 a.m.

EKU Dining also provides full-service catering. The dedicated catering staff provides a variety of services for both on-campus and off-campus events. A special Student Catering Guide is available to accommodate the dynamic requirements of the students.

Tremendous emphasis is placed on actively measuring customer satisfaction, responding to a changing environment, and continuous improvement. EKU Dining Services is dedicated to helping the EKU campus thrive.



## DIVISION OF STUDENT AFFAIRS

**Dr. James F. Conneely**

**Associate Provost & Vice President for Student Affairs**

**SSB 540 (859) 622-1721**

[www.studentaffairs.eku.edu](http://www.studentaffairs.eku.edu)

The Division of Student Affairs has a significant role in all aspects of the students' experience at EKU. "*Student Affairs helps set the stage for Student Success.*" Each department in the Division of Student Affairs offers programs and services that provide students with opportunities for success through the integration of their academic pursuits with the learning experiences gained outside of the classroom. The mission of EKU's Student Affairs division is to provide quality services, leadership experiences, and learning opportunities that promote personal development and student success.

The Division of Student Affairs includes the following departments: 1) Admissions 2) Campus Recreation/Intramurals, 3) Career Services, 4) Community Service and Student Engagement, 5) Counseling Center, 6) Education Pays, 7) Financial Aid, 8) First Year Programs, 9) Greek Life, 10) Marketing, 11) Meditation Chapel, 12) Multicultural Student Affairs, 13) NOVA Program, 14) Recruiting, 15) Regional Campus Student Affairs, 16) Student Outreach and Transition, 17) Student Health Services, 18) Student Health Promotion and Education, 19) Student Involvement and Leadership, 20) Transfer Center, and 21) University Housing.

### Admissions

The Office of Admissions is responsible for recruitment and admission of qualified students to EKU. This office is also responsible for the processing of applications for new as well as readmitted students and international students. Students who have questions regarding their residency status may address their inquiry to the Office of Admissions ([admissions@eku.edu](mailto:admissions@eku.edu)).

### Campus Recreation

Fitness and Wellness Center, SRC 105  
Phone: (859) 622-1244 Fax: (859) 622-6754  
[www.campusrec.eku.edu](http://www.campusrec.eku.edu)

The Department of Campus Recreation provides a variety of diverse facilities and recreational opportunities to the University community. The department promotes physical, emotional, and social growth of students, faculty and staff by encouraging the development of lifelong skills and positive attitudes through recreational activities. There are five areas within Campus Recreation: facilities, fitness, adventure programs, intramurals, and massage therapy.

Campus Recreation oversees the operation of the Fitness and Wellness Center, a state-of-art facility which includes:

- Full line of weight and fitness equipment
- Group exercise rooms
- Locker rooms
- Multipurpose gymnasiums
- Indoor track
- Climbing wall
- Student lounge with computers and big screen television
- Bouldering wall
- Full swing golf simulator

The department is also responsible for the Burke Wellness Center, Begley and Weaver gymnasiums, outdoor basketball courts and intramural field complex.

The fitness program is dedicated to enhancing the physical well-being of our students and faculty/staff members. A variety of group fitness classes are offered each week in our 2,000 square foot group fitness studio and are taught by trained, motivated and friendly instructors. All fitness levels are welcome and each group fitness class is offered at no charge. Classes include:

- Step
- Kickboxing
- Yoga
- Pilates
- Group cycling
- Cardio conditioning
- Tai Chi
- Toning

Adventure programs offers outdoor trips ranging from an afternoon to a week (or more) and workshops that will teach you new skills! We offer a variety of trips and workshops each semester. Previous trips have included: hiking and camping, backpacking, kayaking/canoeing, spelunking, white water rafting, climbing, and canyoneering. The climbing wall is an exciting and engaging alternative to traditional exercise. The indoor climbing wall is a simulated rock formation with numerous hand and foot holds that provide mental and physical challenges to build strength, endurance, and self-confidence. The bouldering wall is climbing without ropes. It is a great way to learn climbing techniques and gain strength.

Intramural sports have been a campus tradition at Eastern Kentucky University for over 50 years. Students play with their friends or organizations and compete against fellow Eastern students. Examples of activities offered are flag-football, soccer, volleyball, corn hole, dodge ball, golf, basketball, and much, much more. There are also numerous individual and dual events.

Campus Recreation is excited to offer Massage Therapy. These days, a massage isn't just for feeling good anymore. It is a holistic therapy that reduces the heart rate, lowers blood pressure, increases blood circulation and lymph flow, relaxes muscles, improves range of motion, and increases endorphins, the body's natural painkillers. Therapeutic massage enhances medical treatment and helps people feel less anxious and stressed, relaxed yet more alert. It has been said that "Massage is to the human body what a tune-up is for a car."

Campus Recreation employs a licensed massage therapist who offers several types of massage therapy:

- **Myofascial Release** is a gentle therapy, consisting of a mixture of light stretching and massage work. During a session, the therapist will apply hands-on massage strokes in order to release tension from the fibrous bands of the muscles, bones, nerves and joints, by unblocking any scar tissue or adhesions due to injury in the muscles and surrounding tissues.
- **Deep Connective Tissue Massage** is a form of intense massage that aims to release myofascial (connective tissue) restrictions in the body and to break up any restrictive scar tissue. It has also been known to help relieve chronic tension, to increase the body's range of motion, to improve posture and to enhance the natural harmony of the entire body and mind.
- **Cranio-Sacral Therapy**, or CST, is a gentle, hands-on manipulation of a physiological body system called the cranio-sacral system. This system is comprised of the soft tissue and bones of the cranium (or head), the spine and the

pelvis. Massage therapists that perform cranio-sacral therapy also target the membranes and cerebrospinal fluids that surround and cushion the brain and spinal cord from injury during a therapy session.

- **Therapeutic Massage Therapy** is a general term for medical or therapeutic treatment by massage. It is considered a holistic therapy as it reduces the heart rate helping to relax all the muscles of the body. It also helps lower blood pressure, improves blood circulation, improves the lymphatic system, and increases the release of the body's natural painkillers (such as endorphins).

### **Career Services**

Student Services Building 465  
Phone: (859) 622-1568 Fax: (859) 622-1570  
career@eku.edu  
[www.career.eku.edu](http://www.career.eku.edu)

Career Services assists students who are seeking employment and/or clarifying their career direction. The career services staff is available by appointment to discuss individual job search questions.

### **Career Exploration**

For students who have a tentative career direction or major in mind, Career Services can help by providing information on what opportunities are available with that major, career paths, supply and demand, destinations of past graduates, salaries, potential employers, etc. Online career-planning tools are available to help students explore their interests and provide detailed information on a wide variety of occupations. FOCUS, an online career planning tool, is available to help students explore their interests and provide detailed information on a wide variety of occupations.

### **Part-Time Job Program**

The Part-Time Job Program gives students the opportunity to obtain part-time, temporary and summer employment with local and regional businesses. Students who participate in the program gain real world experience in the workforce while networking in the community.

### **Career Preparation**

The Career Services staff offers individual appointments, workshops, online tools and other resources to help students with career and job search preparation. These areas include résumé and cover letter writing, tips on job search strategies, internet job searching, professional dress, dining etiquette, interviewing skills, and application to graduate and professional schools.

### **Connecting with Employers**

Career Services assists students in identifying and connecting with potential employers through job/career fairs, on-campus interviews, individual appointments, online tools and other resources. EKU JobLink is an easy-to-use and innovative system that gives students and alumni access to jobs and employers targeting EKU students.

### **Community Service and Student Engagement**

128 Powell Building  
Phone: (859) 622-3855  
[www.communityservice.eku.edu](http://www.communityservice.eku.edu)

### **Who We Are**

The Office of Community Service and Student Engagement, located within the Office of Student Life, directs the University's community service programs. The Office coordinates a variety of service opportunities throughout the year that EKU students, faculty, and staff can participate in both on and off campus.

Whether it's to fulfill a class requirement or just to get involved, students looking for volunteer opportunities can visit the Office of Community Service and Student Engagement to get connected with local volunteer and leadership opportunities that meet their individual needs and fit their busy schedules! From working to protect sea turtles over spring break to building a home for a family over the summer in Honduras, to planting trees on reclaimed mine sites in eastern Kentucky to making fleece blankets and pillows on campus for children, there are a multitude of opportunities to give back locally, nationally, and internationally! Please contact us to find out more about the different ways you can get actively involved in your world through service!

The Office also serves as a resource to the campus for all things service related! Need to volunteer for a class? Want real-world, hands-on experience related to your major or a possible career? Want to explore a new part of the country or world? Interested in planning a service and need some assistance? Just call, email, or stop by! We are always happy to help!

### **What We Do**

- Promote a culture of service to the EKU community to enhance student learning and personal development while teaching the need for civic responsibility and life-long service.
- Offer diverse programming ranging from one-time service events to on-going year-long opportunities meeting a range of needs in our local communities.
- Expose EKU students to diverse cultures and populations through community service activities.
- Provide a centralized location for EKU students, faculty and staff to connect with local community agencies.
- Educate students, faculty, and staff on how to plan, organize, and carry out community service events.
- Work with Registered Student Organizations (RSO's), Living Learning Communities, and individual students to counsel and connect them with local volunteer and leadership opportunities.
- Provide local community partners with an accessible location on the EKU campus to publicize volunteer opportunities and recruit student leaders.

### **Counseling Center**

Student Services Building 571  
Phone: (859) 622-1303 Fax: (859) 622-1305  
[www.counseling.eku.edu](http://www.counseling.eku.edu)

The University Counseling Center offers services designed to promote the success of students in achieving their academic, social and personal goals. The Counseling Center staff consists of psychologists and counselors who provide personal and career counseling both individually and in groups. Counseling

is offered on a short-term basis. Referral is provided when the need for counseling services is beyond the role and scope of the Counseling Center. Substance abuse assessment and counseling are also available at the Counseling Center. Psychiatric services are available on a limited basis for students receiving counseling in the Counseling Center where medication is indicated. Counseling relationships are considered confidential as delineated by the APA Code of Ethics and Kentucky state law. Current students are eligible for counseling services.

#### **Counseling Services**

Counseling is viewed as another form of learning while in college. Typical college student concerns that may result in counseling are: adjustment to college, interpersonal conflicts, dealing with loss, test anxiety, time management, stress, academic pressures, anxiety, depression, motivation, making health decisions, traumatic experiences, eating concerns and choice of a major. Students can make appointments by calling (859) 622-1303 or dropping by the Counseling Center.

#### **Career Counseling Seminar (GCS 199 - one credit hour)**

This course is offered each semester for students who are unsure of their major and career direction. Forty sections are offered each year and are taught by the Counseling Center staff and part-time staff.

#### **“Tuesdays with the Counseling Center”**

The Counseling Center offers workshops to address top mental health concerns. Top student issues include: stress management, procrastination, time management, ingredients of effective relationships, study skills and test anxiety.

#### **Services for Faculty and Staff**

The Counseling Center staff also provides consultation to the University community on referral and how to be most helpful to the distressed student. When a faculty member wishes to refer a student for immediate help, it is recommended that the faculty member call and speak with a counselor for consultation to discuss the appropriate action. A downloadable document called “The Decision Making Tree” offers step-by-step guidelines on how to respond to students in distress at the Counseling Center Web site at: [http://www.counseling.eku.edu/faculty\\_staf/distressedstudents.php](http://www.counseling.eku.edu/faculty_staf/distressedstudents.php)

#### **Financial Aid**

Student Services Building 251  
Phone: (859) 622-2361 Fax: (859) 622-2019  
Email: [finaid@eku.edu](mailto:finaid@eku.edu)

**VOCATIONAL REHABILITATION (OVR).** EKU supports the efforts of OVR to serve eligible individuals with disabilities. The Kentucky Office of Vocational Rehabilitation provides vocational rehabilitation services to eligible individuals with disabilities. Individuals receiving OVR services may also contact the EKU Disabilities Office for academic accommodation. For more information about eligibility criteria call the Office of Vocational Rehabilitation toll free at 1-800-372-7172 or (502) 564-7172, or visit the website at [www.ovr.ky.gov](http://www.ovr.ky.gov).

#### **Grants**

Grants are considered gift aid and do not usually have to be repaid. The **FEDERAL PELL GRANT** is the largest grant program.

The maximum award is \$5,550 for 2010-11.

The **FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT (SEOG)** is awarded to students who demonstrate exceptional need, and priority is given to Federal Pell Grant recipients. The average Federal SEOG award at Eastern Kentucky University is generally \$550 for the academic year.

The **COLLEGE ACCESS PROGRAM GRANT (CAP)** is awarded to eligible Kentucky residents. The amount of this grant is determined by the Kentucky Higher Education Assistance Authority (KHEAA). It is given to students enrolled for a minimum of six hours. Full-time students will receive up to \$950 per semester, \$1,900 for the 2010-11 academic year.

The **ACADEMIC COMPETITIVENESS GRANT (ACG)** is a federal grant for Pell Grant eligible students for their first and second years in college. Up to \$750 will be awarded to eligible first-year students and up to \$1,300 for second-year students. Students must have completed a rigorous secondary school program of study as established by a state or local educational agency and recognized by the U.S. Secretary of Education. Students must be enrolled or accepted in a two- or four-year degree granting institution of higher education. First-year students must not have been previously enrolled in a program of undergraduate education and must have graduated from high school after January 1, 2006. Second-year students must have graduated from high school after January 1, 2005 and have had at least a cumulative 3.0 grade point average (GPA) during their first year of college. This grant program will be discontinued after the 2010-2011 academic year.

The **NATIONAL SCIENCE AND MATHEMATICS ASSETS TO RETENTION TALENT GRANT (SMART GRANT)** is a federal grant for Pell Grant eligible students for their third and fourth years of college. Up to \$4,000 will be awarded to eligible students. Students must be enrolled in a four-year degree-granting institution of higher education. Students will be eligible if they are pursuing a major in mathematics, science (including physical, life, and computer sciences), technology, engineering, or a critical foreign language. A list of these EKU majors is available online at [www.finaid.eku.edu/general/SMART/majors](http://www.finaid.eku.edu/general/SMART/majors). Students must have at least a 3.0 cumulative GPA in college. This grant program will be discontinued after the 2010-2011 academic year.

#### **Scholarships**

Eastern Kentucky University offers a range of academic scholarships designed to reward scholastic achievement and enhance the University Community through the attraction of academically talented students.

Unless noted otherwise in the specific description, each of these scholarships are awarded for eight consecutive regular semesters of full-time undergraduate work to students earning their first undergraduate Bachelor degree, provided a satisfactory grade point average is maintained.

In addition to the general scholarship program described below, the University also awards a number of scholarships funded through private funds administered in the Eastern Kentucky University Foundation. Students need to complete the scholarship application form to be considered for all scholarships the University awards ([www.scholarships.eku.edu](http://www.scholarships.eku.edu)).

Some discipline specific scholarships are awarded based on selection processes within the appropriate academic department. If the department housing the major indicated on the application form awards such scholarships, you will receive information from that department.

In addition to completing the scholarship application, it is also necessary to apply for admission to the University for

financial aid. All necessary forms are available through the Office of Admissions. If you have a question, or need admission forms, please call 1-800-465-9191, or send an email to admissions@eku.edu. Scholarship applications are available online at www.scholarships.eku.edu.

Except for the book award to participants in the Honors Program, the University does not make multiple awards of the described scholarships. Recipients will receive the highest award for which they apply, are eligible and selected.

The following information is applicable to freshmen enrolling at Eastern Kentucky University for the first-time in the Fall semester, 2010.

**KCTCS Transfer Scholarship:** The KCTCS (Kentucky Community and Technical College System) Transfer Scholarship is awarded to new students that transfer from any KCTCS institution and have completed a total of 36 hours of coursework after high school graduation and have a cumulative GPA of 3.25 or above. The KCTCS Transfer Scholarship provides one half of on-campus, in-state undergraduate tuition for up to six consecutive semesters (Requires maintenance of a 3.0 grade point average and full-time course completion for each semester). Qualifications and requirements for this scholarship can be found at www.scholarships.eku.edu.

**Cover to Cover Book Program:** The Cover to Cover program is a books on loan program designated for undergraduate, full-time, first-year Kentucky residents who have demonstrated financial need. The Cover to Cover program will provide textbooks on loan for up to \$500 per semester for up to ten consecutive semesters.

### COMMONWEALTH SCHOLAR AWARD

**Recipients:**

Awarded automatically to scholarship applicants that are National Merit Finalists and National Merit Scholars.

**Benefits and Conditions:**

Provides a full scholarship (in-state tuition, double occupancy residence hall room, 225 meal membership plan, and books-on-loan). Requires maintenance of a 3.0 grade point average to retain and student must be enrolled in a minimum of 12 credit hours each semester.

### EKU EXCELLENCE AWARD

**Recipients:**

Awarded on a competitive basis to scholarship applicants that are National Merit Semifinalists and students with an ACT Composite score of 32 or higher and a minimum high school grade point average of 3.75.

**Benefits and Conditions:**

Provides an award equivalent to in-state tuition, double occupancy residence hall room, and 150 meal membership plan. Requires maintenance of a 3.0 grade point average and full-time status for retention.

### EKU FOUNDERS SCHOLARSHIP

**Recipients:**

Awarded on a competitive basis to persons with ACT composite scores of 29-31 and a minimum high school grade point

average of 3.75 and completed the scholarship application process.

**Benefits and Conditions:**

Provides equivalent of in-state tuition and double occupancy residence hall room. Requires maintenance of a 3.0 grade point average and full-time status to retain.

### REGENTS SCHOLARSHIP

**Recipients:**

Competitive scholarship that requires a minimum grade point average of 3.75 and a minimum ACT composite of 25. Students who meet these criteria and were also participants in the Governor's Scholars Program will receive this scholarship automatically. Governor's Scholars Program participants will be sent award letters automatically. Students who are not automatic qualifiers but who meet the grade point average and ACT composite minimums will be considered for awards made on a competitive basis. Not all applicants that meet the criteria receive this scholarship.

**Benefits and Conditions:**

Provides equivalent of in-state tuition. Requires maintenance of a 3.0 grade point average and full-time status for retention.

### PRESIDENTIAL SCHOLARSHIP

**Recipients:**

Awarded automatically to high school valedictorians and to incoming freshmen accepted into the Honors Program who have not been offered another scholarship. Applicants who qualify for Regents Scholarship consideration on a competitive basis, but do not receive a Regents Scholarship, will be offered this award. It is also awarded on a competitive basis to other high school graduates based on rank in class, grade point average, and ACT composite score. It is also awarded on a competitive basis to transfer students from junior and community colleges who make application through the Scholarship Office. Awards to transfer students are for six semesters.

**Benefits and Conditions:**

Provides one-half of the equivalent of in-state tuition. Requires maintenance of a 2.5 grade point average and full time enrollment status to retain.

### J. W. THURMAN ALUMNI SCHOLARSHIP

Applicants must be a dependent child of an EKU graduate. Applicants must score at least an 18 composite on the ACT exam and have a minimum high school grade point average of 2.8. Applicants may use the University's standard scholarship form and check the block indicating the application is for the J. W. Thurman Alumni Scholarship, and mail the application to: Eastern Kentucky University National Alumni Association, Richards Alumni House, Eastern Kentucky University, 521 Lancaster Avenue, Richmond, KY 40475-3102.

### ALUMNI FUND SCHOLARSHIP

Applicants must be incoming freshmen with an ACT score of at least an 18 and a high school GPA of 3.0. Students that demonstrate financial need to the University through the FAFSA

application shall be given priority. Applicants must be involved in at least three extracurricular activities.

### HONORS PROGRAM AWARD

Students who are accepted into the University Honors Program will receive books-on-loan for up to eight consecutive semesters, provided they remain in the Honors Program.

### DR. RODNEY GROSS SCHOLARSHIP

The Dr. Rodney Gross Scholarship provides financial assistance to high-achieving black U.S. citizens who are residents of the Commonwealth of Kentucky as defined by the Council on Higher Education's residency-for-fees policy. Applications may be obtained by contacting the Scholarship Office by phone (859) 622-8032 or via the web at [www.scholarships.eku.edu](http://www.scholarships.eku.edu).

### EKU RETENTION SCHOLARSHIP (Contingent on outside funding)

Students completing their freshman year with a 2.0 grade point average or better and returning for the following fall term may apply for the competitive Retention Scholarship. If applicants have been enrolled in developmental courses they must have earned at least a grade of a "C" or better and be degree seeking students. This non-renewable scholarship provides up to \$1000.00 for an academic year toward tuition and fees.

### Student Loans

The **FEDERAL PERKINS LOAN** is a 5 percent simple interest loan awarded to exceptionally needy students. This loan is made to undergraduates, as well as post-baccalaureate and graduate students. Repayment begins nine months after the student ceases to be enrolled on at least a half time basis. There are certain occupations which allow a student to cancel a percentage of the money they borrow from this program. Contact the Loan Accounts Office in the Student Services Building (SSB), Room 216, for more information regarding the cancellation and deferment options. All first time Federal Perkins Loan borrowers must be enrolled for thirty (30) days before their first Perkins disbursement can be released.

The **FEDERAL DIRECT SUBSIDIZED LOAN PROGRAM** is a need based program available to students who are enrolled at least half time. This loan is for undergraduate, graduate and post-baccalaureate students. The interest rate is fixed and is not to exceed 8.25%. Contact the Office of Student Financial Assistance after July 1 for the current year interest rate.

The Federal Government pays the interest while the student is enrolled at least half time. A student has six months after ceasing to be enrolled as a half time student before repayment begins.

All first time Federal Direct Loan borrowers (subsidized as well as unsubsidized) must complete entrance counseling before their loan can be processed. Counseling can be completed at [www.studentloans.gov](http://www.studentloans.gov).

The **FEDERAL DIRECT UNSUBSIDIZED LOAN PROGRAM** is not based on need. It has a different interest rate as the Federal Direct Subsidized Loan Program, and the student is responsible for paying the interest on this loan.

The unsubsidized and the subsidized loan cannot exceed the maximum amount allowable by a student's classification. For example:

First Year Students - \$5,500 is the annual loan limit for the unsubsidized and subsidized Direct Loan program. No more than \$3,500 of this amount may be in subsidized loans. All first time Federal Direct Loan borrowers must be enrolled for thirty (30) days before the first disbursement can be released.

Second Year Students - \$6,500 is the annual loan limit a student can borrow. No more than \$4,500 of this amount may be in subsidized loans.

\*NOTE: This is the maximum amount (\$6,500) that a student working on an Associate Degree is eligible to receive.

Third and Fourth Year Students - \$7,500 is the annual loan limit. No more than \$5,500 of this amount may be in subsidized loans.

Graduate Students - \$20,500 is the annual loan limit. No more than \$8,500 of this amount can be in subsidized loans.

Independent students may be eligible for an **ADDITIONAL UNSUBSIDIZED FEDERAL DIRECT LOAN**. An independent student could borrow up to an additional:

Freshman/sophomore - \$4,000

Junior/senior - \$5,000

Keep in mind that the unsubsidized and subsidized Direct Loans combined cannot exceed the student's cost of education minus all other student financial assistance.

**\*Each annual loan limit is for one award year (12 month period; i.e., fall, spring, and summer).**

To apply for a Federal Direct Subsidized or Unsubsidized Loan, all students must complete a Free Application for Federal Student Aid. After the student is evaluated for all federal programs, his/her eligibility for the Direct Loan program is determined. The Office of Student Financial Assistance will certify the loan and electronically submit the information to the U.S. Department of Education (DOE). If the student has a signed Master Promissory Note (MPN) on file at DOE, the loan funds will be sent to Eastern Kentucky University on the specified disbursement dates. If the student does not have a signed MPN on file at DOE, a MPN must be signed electronically at [www.studentloans.gov](http://www.studentloans.gov).

Post-Baccalaureate Students—Students returning to work on a second undergraduate degree are not automatically eligible for the senior annual loan limit of \$7,500. Each student must submit documentation which indicates how many hours that student has toward the second degree.

The **FEDERAL DIRECT PLUS LOAN** program enables parents to borrow the cost of education minus other aid for their student who is enrolled for at least 6 hours. This is not a need based loan. As long as the parent who is applying for the loan is credit worthy, the loan is usually approved. The interest rate is fixed at 7.9%. Interest begins to accrue 60 days after the loan is fully disbursed. The parent must complete the PLUS application process at [www.studentloans.gov](http://www.studentloans.gov) each year. If the parent has a signed Master Promissory Note (MPN) on file at DOE, the loan funds will be sent to ECU on the specified disbursement dates. If the parent does not have a signed MPN on file at DOE, an MPN must be signed electronically at [www.studentloans.gov](http://www.studentloans.gov).

The **STUDENT AID SOCIETY** (Emergency Loan) program is designed to provide emergency short-term loans to students. It must be repaid. Students may borrow a small amount of money on a personal note at a legal rate of interest for a one month period. Money is made available through contributions of the University, alumni, private organizations and many individual friends of the

University.

You must be enrolled as a full-time student, have a 2.0 ("C") overall grade point average, a means of repayment, and must not have a past due balance. All students are eligible to apply for these short-term loans regardless if they are receiving other forms of financial aid. An application form obtained from the Loan Accounts Office in the Student Services Building, Room 210 must be completed.

The loan must usually be repaid within four weeks, and the student is charged an interest rate of 2 percent. Students who have delinquent loans will have their grades sealed in the Registrar and will not be allowed to register for the next semester. Delinquent loans will be collected through a collection agency. Any additional expenses incurred in the collection of the note will be added to the student's repayment.

### **Student Employment**

Eastern Kentucky University offers its students two employment programs. One is the federal work study program which provides part-time jobs to students who have financial need as determined by the Application for Federal Student Aid. This program is federally funded. The other is the EKU institutional work program. Eastern Kentucky University provides funds to employ students who want to work on-campus, but do not qualify for the federal work study.

Both of these programs employ students on a part-time basis, and students are paid every two weeks for the hours they have worked. Their job schedule is built around their class schedule. A variety of jobs are available including typing, filing, farm work, food service, resident hall assistants, tutorial work, as well as community service jobs. Contact EKU's Student Employment Office for more information at Student Services Building (SSB), Room 219, hours 8:00 a.m. - 5:00 p.m.; phone (859) 622-1760 or 622-1756.

### **First Year Programs**

Student Services Building 372

Phone: (859) 622-1682

E-mail: [FYP@eku.edu](mailto:FYP@eku.edu)

[www.firstyear.eku.edu](http://www.firstyear.eku.edu)

The mission of the Office of First Year Programs is to aid in the transition to college for first-year students and their family members by providing useful and timely information in a professional manner. The Office of First Year Programs is committed to encouraging first-year students to grow socially and academically and to respect themselves and all others in the Eastern Kentucky University community. The Office of First Year Programs is committed to delivering orientation services to all students and their families.

### **Orientation**

The orientation program is phase one of the first-year experience for new students. During orientation, students and families visit the campus, meet with faculty, staff, and students, and learn more about life at Eastern Kentucky University. Students will also register for their first-semester classes. Representatives from many areas are available during orientation to answer questions about financial aid, tuition payment, housing, dining services, and tutoring services. There are various dates and schedules to choose from for transfers or non-traditional students.

### **New Student Days**

The New Student Days program is phase two of the first-year experience at Eastern Kentucky University. New Student Days programming kicks off on the Sunday before classes start and continues throughout the first six weeks of classes. NSD is a required program for all new students and is incorporated into the curriculum of the student's Orientation class.

The purpose of this program is to enable students to meet other new students and participate in a wide variety of campus activities. The President's Picnic, educational sessions, and social events are just some of the highlights! All new students are required to attend.

### **EKU Reads Project**

The EKU Reads project is designed to provide new students with a common introduction to academic life at Eastern Kentucky University. Each fall semester Eastern Kentucky University engages in a campus-wide discussion of the book during New Student Days. First-year English courses and Orientation courses also utilize the book in class discussions throughout the semester. The EKU Reads project is facilitated by a faculty committee with a faculty chair who works with First Year Programs.

### **Colonel Camp**

Colonel Camp was established in 2007 to allow new students to get a jump start on college life through experiential learning and leadership training. The camp occurs before classes begin and all participants assist as student leaders during move in day in August.

### **Family Programs**

The Eastern Family Network began in the summer of 2000 as part of an effort to get parents and other family members involved in Eastern Kentucky University. By informing family members about campus happenings we hope they will be supportive and engaged in the educational process with their student. Family Programs also facilitates planning for Family Weekend, a Family Guide, a monthly newsletter and a Family Resource page on the EKU First Year Programs website.

### **Greek Life**

Powell Student Center 136

Phone: (859) 622-2050 Fax: (859) 622-6598

[www.greeklife.eku.edu](http://www.greeklife.eku.edu)

### **Why Get Involved in Greek Life?**

Your time spent at college could be the most important years of your life. You not only have the opportunity to further your education, but you also have the opportunity to:

- Develop your sense of self
- Develop new friendships
- Make new memories
- Discover who you are and who you want to become

Social Greek fraternities and sororities offer such an involvement opportunity here at EKU. Being a part of a social fraternity or sorority will provide opportunities for you to:

- Meet new people
- Make new friends
- Improve your community
- Be a part of a brotherhood or sisterhood steeped in tradition

Being Greek is more than just wearing letters on your chest. It is about experiences that you will have while in college. Experiences that will mold you, shape you, and last longer than the four years of college itself. Greek organizations are well-rounded combinations of experiences that will enhance your out-of-the-classroom experience at EKU. GO GREEK!

### **Leadership**

Membership in the Greek community at Eastern Kentucky University provides an outlet for exercising responsibility, creativity, and leadership. Greek Life also fosters the development of cooperation and acceptance of responsibility as part of leadership development. A member's campus involvement contributes to the growth and success of their chapter and certainly provides opportunities for personal development and future success. Greek organizations provide many leadership opportunities which will help one prepare for the challenges of the working world. Greek members continue to learn how to work with others efficiently whether it is a study group, homecoming float, community service project, intramurals, or a social event.

### **Scholarship**

As a member of a Greek organization, you will be charged with continuing a fraternity's or sorority's tradition of scholastic excellence. This effort is achieved through programs aimed at enhancing study habits, time management skills, and overall academic achievement. The overall Greek Life GPA is consistently above the undergraduate GPA.

### **Philanthropy**

All sororities and fraternities sponsor national and local philanthropies. Giving back to the local community through service is a very important component to Greek Life. Many non-profit organizations benefit from the service and fund-raising efforts of EKU Greek members.

### **Social Involvement**

Social involvement is an integral part of the Greek experience. The activities provide opportunities for meeting new people and developing lasting relationships.

#### **Meditation Chapel**

University Chaplain

Phone: (859) 622-1723

[www.studentaffairs.eku.edu/chapel/](http://www.studentaffairs.eku.edu/chapel/)

The Chapel of Meditation is the realization of a dream begun in 1968 when the Eastern Kentucky University Alumni Association adopted the Century Fun Project to finance a non-denominational chapel. The chapel stands as a testimonial of the love and devotion of the alumni, faculty, students and friends, a fit to commemorate the 100th anniversary of higher education on the Eastern Kentucky University campus.

The chapel is non-sectarian and is open to students, faculty, staff, alumni, and friends of the University for meditation, prayer, and spiritual reflection. The chapel is also used for several other events such as:

- Weddings
- Memorial services
- Sorority and fraternity events
- Religious organization events and services

- Academic department meetings
- Honor Society events
- Athletic events

The University Chaplain's office is located in the basement of the chapel. The Chaplain coordinates the various activities of the chapel and is available to perform weddings. The Chaplain also attends to students, staff and faculty with questions about spiritual matters or spirituality. Besides providing a peaceful and serene setting for prayer and meditation, the chapel is used to house various student organization meetings and services, weddings, and annual memorial services.

#### **Multicultural Student Affairs**

110 Powell Building

Phone: (859) 622-4373 Fax: (859) 622-6997

[www.studentaffairs.eku.edu/multicultural/](http://www.studentaffairs.eku.edu/multicultural/)

The Office of Multicultural Student Affairs is an office that seeks to bring issues of cultural diversity to the foreground of campus conversation through educational programs and services. As a department within the Division of Student Affairs, this office exists primarily to serve all students as they question personal and collective notions of race, gender, ethnicity, nationality, religion, sexuality, ability and culture. The office promotes life-long learning and global citizenship by providing workshops, films and events on cultural awareness, sensitivity and competence. Multicultural Student Affairs encourages the utilization of campus resources, participation in campus life, understanding and respecting cultural differences, and promoting tolerance, inclusiveness and celebration of diversity.

Multicultural Student Affairs is actively engaged in collaborative efforts with other departments and academic areas on campus including Women and Gender Studies, African/African-American Studies, Appalachian Studies, Chautauqua Lecture Series, Criminal Justice and Police Studies, the Honors Program, International Education, the Departments of English, Communications, History, Foreign Languages and Humanities, Nursing, Philosophy and Religion and the College of Education.

In addition, OMSA encourages student engagements and leadership by providing support to various registered student organizations such as American Sign Language Association, EKU Gospel Ensemble, Black Union, Capoeira Dance and Martial Arts of Brazil, Feminists For Change, International Student Association, LSU (Latino Student Union), MARS (Men Against Rape and Sexual Assault), R.E.A.L. Men (Responsible, Educated, Accountable, Leaders), S.I.S.T.A. (Sisters in Spirit Through Achievement), OWLS (Older Wiser Learners), Pride Alliance, Trans-Action, the National Pan-Hellenic Council (NPHC), and WARS (Women Advocating Against Rape and Sexual Assault).

Our Motto: "One Campus...One People"

#### **NOVA Program (Student Support Services)**

Turley House 2

Phone: (859) 622-1047

Fax: (859) 622-1074

[www.nova.eku.edu](http://www.nova.eku.edu)

The NOVA Program is a Student Support Services/TRIO project whose legislative purpose is to facilitate persistence and graduation of eligible learners. NOVA pre-identifies first-

year EKU learners who demonstrate a potential for success in college and who meet the economic and/or first-generation-college-student eligibility criteria. The NOVA service delivery design is a holistic retention plan heavily focused on the first-year experience. All learners begin their EKU experience with the NOVA learning community that facilitates a smooth transition to EKU and promotes a connection to campus which aids in student success. NOVA provides instruction in Academic Orientation and Leadership Dynamics and provides the following support services throughout the learner's EKU academic career:

- Academic Advising
- Financial Aid and Financial Literacy Consulting
- Scholarship and Grant Aid Award
- Personal and Career Consulting
- Graduate School Planning
- Leadership Development
- Service Learning
- Peer Mentoring
- Academic Assistance and Monitoring

NOVA learners earn a degree from EKU at a statistically significant higher rate as compared to other EKU students from the same background. NOVA is located on the second and third floor of the Turley House and is open from 8:00 a.m. - 4:30 p.m. Monday-Friday. Please visit [www.nova.eku.edu](http://www.nova.eku.edu) or phone (859) 622-1407.

### **Regional Campus Student Affairs**

Student Services Building 532

Phone: (859) 622-2052 Fax: (859) 622-2402

It is the mission of the Division of Student Affairs at the Regional Campuses to serve as the liaison to each entity of the Division of Student Affairs Richmond. This office has a commitment to provide a student life experience outside of the classroom for the students at the Corbin, Danville and Manchester campuses. The office strives to assist students through program activities, events, learning opportunities and leadership. The office sponsors many programs and events including:

- Maroon Days
- Student activities
- Career preparation and development
- Intramural sports
- Cultural trips
- Physical and mental health
- Clubs and organizations
- College experience enhancing programs

### **Student Health Services**

Rowlett 103

Phone: (859) 622-1761 Fax: (859) 622-1767

[www.healthservices.eku.edu](http://www.healthservices.eku.edu)

The mission of Student Health Services at Eastern Kentucky University is to provide our students with the best quality acute ambulatory medical care in a compassionate environment, while providing education on healthy lifestyles from which our students can benefit for the rest of their lives.

Student Health Services has three primary goals: first,

to address any acute medical condition that threatens health, interferes with function, reduces performance, and serves as an obstacle to learning and personal growth; second, to educate our student body on healthy lifestyle choices that promote wellness and reduce the chances of disease—the preventive approach; third, to serve as a source of information and access to community based assistance programs. Services provided at the Health Center include:

- Outpatient acute medical care
- Allergy shots
- Basic laboratory tests
- Family planning clinic
- Certain immunizations
- X-Ray requests
- Tuberculosis skin testing
- Health education
- Pregnancy testing
- AIDS education/testing referral

A variety of free pamphlets, booklets, and other materials are available at the SHS. Students may utilize the computer terminal with Internet access in the SHS lobby to look up health related topics of interest.

### **Student Health Promotion and Education**

Rowlett Building 103

Phone: (859) 622-3621

(859) 622-6221, Health Educator Information

[www.healthservices.eku.edu/HEAT/](http://www.healthservices.eku.edu/HEAT/)

The Office of Student Health Promotion and Education works in partnership with students, faculty, and staff to promote optimal health. Our mission is to share information, develop skills and empower students to make healthy lifestyle choices. We support health and wellness throughout the University community and provide opportunities for University-wide collaboration.

Some of the issues addressed by the Office of Student Health Promotion and Education include:

- Sexually transmitted diseases
- Alcohol and substance abuse
- Stress management
- Tobacco use
- Breast and testicular cancer awareness
- Diabetes awareness
- Peer education
- Health Education Action Team (H.E.A.T.): A team of peer educators whose mission is to educate fellow students on healthy lifestyle choices. The team concentrates on issues pertinent to college students, and advances its message through events organized and presented in collaboration with other departments of the University and community agencies, both in and out of the classroom. H.E.A.T. is a campus organization that is geared towards empowering students with knowledge and facts concerning health issues. Our aim is not to enforce ideas but to assist students in making informed decisions.



**Student Involvement and Leadership**

Powell Building 128  
 Phone: (859) 622-3855 Fax: (859) 622-6598  
[www.studentlife.eku.edu](http://www.studentlife.eku.edu)

The Office of Student Life provides numerous activities to Eastern Kentucky University students, which include registered student organizations, leadership development opportunities, and social events. The office also provides unique educational sessions to assist students in their collegiate holistic development inside and outside the classroom. In addition to academic programs, the University provides many services and activities that promote mental/physical health and social/academic well being. There are several ways to get involved. Eastern Kentucky University is home to more than 170 registered student organizations in ten different categories:

- Activity/interests
- Residence Hall Councils
- Club sports
- Departmental
- Honorary
- Social fraternity
- Social sorority
- Service
- Religious
- Governance

The mission of the Leadership Development program at Eastern Kentucky University is to support the development of leadership skills among current and emerging student leaders through conferences, classes, workshops, and consultations.

**Workshops and Seminars**

The Office of Student Life offers many programs ideal for meetings, special programs, and informal gatherings. Topics include: goal setting, group dynamics, time management, ethics, diversity, motivation, recruitment/retention, stress management, women and leadership, assertiveness, leadership styles, conflict management, and FISH! for college.

**Student Activities**

“You can go to college and earn a degree or you can get involved and receive an education” (author unknown). Here at Eastern Kentucky University the Office of Student Life is dedicated to making sure that every student has the opportunity to get involved. Thursday Alternative Getaway (TAG), Breaking Point Music Series, Student Activities Council, and One Night Stand Comedy Series are excellent programs geared toward entertaining Eastern Kentucky University students, faculty, staff and the surrounding community. Whether you want to help select the acts, perform technical functions at the show, or simply show up and enjoy the entertainment, there is something for everyone! All TAG, One Night Stand, and Breaking Point events are FREE. The Student Activities Council is a division of the Student Government and provides other entertainment opportunities throughout the year. See you at the show!

**STUDENT OUTREACH AND  
TRANSITION OFFICE  
(SOTO)**

Student Services Building 442  
 Phone: (859) 622-7686  
[www.soto.eku.edu/](http://www.soto.eku.edu/)

This one-stop transitional center is designed for adult students (25 and older, including transfers), veterans and re-entry students (away from EKU for over 2 years). The Student Outreach and Transition Office provides comprehensive support to students from initial inquiry through registration for their first semester of classes, serving as an advocate to promote their needs along the way. Prospective students receive individualized consulting services in the areas of admissions, degree audits, major selection, academic bankruptcy, credit transfer process, degree completion via distance learning, and course registration prior to their first semester. This office also provides students with answers to basic questions regarding filing for financial aid, financial aid appeals, professional judgment, securing veterans' benefits, and receiving credit for prior learning. Evening appointments are available to better serve the needs of adult learners.

**Adult Student Outreach**

SSB 442  
 Phone: (859) 622-7686

**Education Pays Center**

The Education Pays Center is funded by the Kentucky Cabinet for Families and Children to assist qualifying students to develop academic skills, explore careers, and acquire job skills. The Education Pays Center's office is located at Weaver 202; the phone number is (859) 622-6684.

**Transfer Student Center**

SSB 442  
 Phone: (859) 622-7686  
[www.soto.eku.edu/transferstudents/](http://www.soto.eku.edu/transferstudents/)

**Veterans Affairs**

SSB 442  
 Phone: (859) 622-7838  
[www.soto.eku.edu/veterans](http://www.soto.eku.edu/veterans)

The Office of Veterans Affairs serves student veterans by assisting with admissions, advising, obtaining VA benefits and credit for military training, and serving as an advocate for veterans issues throughout the campus community. Student veterans or eligible dependents will need to apply directly to the Veterans Administration to obtain a letter of eligibility. This can be done online at [www.gibill.va.gov](http://www.gibill.va.gov). Upon receipt of the letter, bring or send a copy to the Veterans Affairs Office on the main campus along with a Course Enrollment Form (CEF). The CEF must be submitted each semester for which benefits are desired. The CEF is available online at [www.soto.eku.edu/veterans](http://www.soto.eku.edu/veterans).

Veterans needing assistance in obtaining a copy of military training and experience transcripts should send an email to [EKUVeteransAffairs@eku.edu](mailto:EKUVeteransAffairs@eku.edu) or call 859-622-7838.

**Survivors' and Dependents' Educational Assistance**

DEA (Chapter 35) provides education and training opportunities to eligible dependents and survivors of certain veterans. For more information on DEA eligibility visit [www.gibill.va.gov](http://www.gibill.va.gov).

**Children of Kentucky War Veterans**

If you are the child of a Kentucky War Veteran you may also be entitled to a tuition waiver in addition to your DEA benefits. Under the provision of KRS 164.505 and 164.515 children of Kentuckians who were killed in military action or who were permanently and totally disabled in wartime military services are eligible for this waiver. For additional information contact the Kentucky Department of Veterans Affairs, Tuition Waiver Coordinator at (800) 928-4012.

**UNIVERSITY HOUSING**

Student Services Building 552  
Phone: (859) 622-1515 Fax: (859) 622-8384  
[www.housing.eku.edu](http://www.housing.eku.edu)

University Housing is dedicated to providing a variety of housing options that best meet the needs of all Eastern Kentucky University students. The residence halls are living-learning environments dedicated to supporting students' ability to live, learn, work, and play while attending Eastern Kentucky University.

All single, full-time undergraduate students under the age of 21 prior to the first day of classes, having fewer than 60 credit hours, or having lived in a residence hall less than four academic semesters (fall/spring) are required to live in University residence hall facilities. Exception is made for students residing with their parent(s) at their parent's principle residence within 50 miles of the Richmond campus. Students living with parents must submit a verification form which is available through the housing office or at [www.housing.eku.edu](http://www.housing.eku.edu). Students may request exemption to the residency requirement under specific circumstances to the Director.

Each residence hall is equipped with the following services that come as part of the basic room rental rate:

**Cable Television**

All major network and major cable stations are offered with any cable-ready television at no cost. Enhanced services and premium channels are available at an additional charge. For additional information, contact the College Cable Services, Inc. at 800-472-2054 ext. 222.

**Phone Services**

Basic phone service is provided for all residents. Each room is equipped with one phone line. Residents are asked to provide their own touch tone phone. In order to dial long distance, students may use any calling card. Enhanced phone features are available at an additional charge. For additional information on enhanced services or long distance, contact EKU Telecommunication Services at (859) 622-1903.

**Laundry Rooms**

Several washers and dryers are located in every residence hall. All the machines are operated by coin or Colonel Dollars.

**ResNet**

All rooms come equipped with two high-speed internet connections. Wireless network access is also available. For more information about equipping your computer for Internet access,

visit [www.resnet.eku.edu](http://www.resnet.eku.edu).

**Study Rooms**

Within most residence halls are open, quiet rooms in which to study.

**Vending**

All residence halls are serviced with a variety of drink and snack vending machines. The machines are coin operated, and many accept Colonel Dollars as well.

Social, educational, and service-learning programs are offered and organized by University Housing staff in all of our residence halls. These programs range from movie nights on the residence hall floors to volunteering for Habitat for Humanity. Most often, the RAs on each floor host social programming so that the residents can get to know each other and enjoy their housing experience even more. Many of the University Housing programs are open to all campus residents.

There are multiple residence halls on campus which include male, female, and coed living arrangements:

**Male Residence Halls:** Martin Hall (South Wing), Dupree Hall

**Female Residence Halls:** Burnam Hall, Martin Hall (North Wing), and Todd Hall.

**Coed Residence Halls:** Case Hall, Clay Hall, Combs Hall, Commonwealth Hall, Keene Hall, McGregor Hall, Palmer Hall, Sullivan Hall, Telford Hall, Walters Hall, and Brockton apartments.

**OTHER STUDENT SERVICES****The International Alumni Association**

Richards Alumni House  
Phone: (859) 622-1260 Fax: (859) 622-6620  
[www.eku.edu/alumni](http://www.eku.edu/alumni)

The Eastern Kentucky University International Alumni Association serves as a link between the University and its alumni by maintaining records, fostering communication, and sponsoring programs and activities designed to enhance this relationship.

All Eastern Kentucky University degree recipients and former students with 25 or more credit hours are considered alumni of EKU. The International Alumni Association is served by a board of 25 alumni volunteers, representing the diversity of our alumni constituency, who meet three times annually. Their work includes selection of the Alumni Awards, Alumni Scholarship recipients and other duties.

In addition to active Alumni Chapters, the Alumni Association coordinates multiple gatherings across the nation to encourage alumni and friends of EKU to come together.

Other regular Association activities include Alumni Weekend held annually in April and Fall Homecoming. These events bring alumni back to campus to reconnect with their classmates as well as giving the opportunity to see students and learn about our academic programming.

The International Alumni Association helps to publish an Alumni Directory, usually every five years. This directory is a compilation of information about alumni including their name, class year, occupation and contact information.

**Computer and Related Resources**

Combs Building 209

Phone: (859) 622-1411 Fax: (859) 622-2266

[www.it.eku.edu](http://www.it.eku.edu)

Upon admission, students are issued an E-Key, electronic account, which provides secure access to Blackboard, EKU email, campus computers, and various other electronic resources. For information on activating your E-Key see: [webapps.eku.edu/stumail](http://webapps.eku.edu/stumail)

IT (Information Technology) provides technology laboratories for student use in numerous campus locations, including a small cluster in each residence hall. Over 400 state-of-the-art computers are available for student use. All locations provide laser printing, some in color. Assistance with computer-related projects and assignments is available in our staffed labs—Crabbe Library, Combs Classroom Building, Powell Building, and the Student Services Building. Laptops, projectors and other types of technology related equipment are available for student checkout from the Technology Commons, located on the first floor of the Powell Building.

The IT Helpdesk provides information and solutions to computer-related problems. Please call (859) 622-3000 or come to Combs Classroom Building Room 209 to contact a Consultant. ResNet provides information and solutions to computer-related problems for students. Please call (859) 622-3050, email [resnet@eku.edu](mailto:resnet@eku.edu), or come to Combs Classroom Room 230 to contact the ResNet staff.

The EKU Computer Store, conveniently located in the Student Services Building, sells technology-related equipment (computers, printers, cameras, and accessories) and software at academic discount pricing. The store also provides a print station for digital photography, a fax machine, and CD duplication. It is open Monday through Friday from 8:00 a.m. - 4:00 p.m.

EKUDirect is an IT service that provides internet access to student records and many University business functions such as registration, bill payment, advising information, and automobile registration. Through EKUDirect, students can do business with the University anytime from anywhere.

IT provides e-mail and web space for personal websites to all students. IT provides an email antispam solution. To view your trapped spam or increase your level of filtering aggressiveness please login to [antispam.eku.edu](http://antispam.eku.edu). Information on how to activate your student email is available on EKU's web page [www.eku.edu](http://www.eku.edu). Information is also available via the web about how to change/reset your password.

Wireless access is available in all academic buildings, residence halls and many outdoor environments. The wireless network is based on the 802.11n standard and provides up to 54 Mbps connectivity. Both secured and unsecured (limited access) wireless is available. For PC configuration information, go to [wireless.eku.edu](http://wireless.eku.edu).

In support of student learning, eight computer classroom laboratories maintained by IT are available for reservation by instructors to enhance the classroom experience of their students. IT is responsible for the Blackboard Online Learning System used by many of our instructors to enhance the student learning experience with web-related teaching, messaging, and testing.

EKU Printing Services, located in the Coates Building, offers assistance to students and student organizations in designing and reproducing their projects with a professional appearance. Same-day service for most projects (e.g., coil

and spiral binding, multiple page copying, poster and banner printing, color copying, laminating, and 3-hole punching) is available at a reasonable cost. PDF files are preferred, but projects can be processed from most desktop publishing and word processing software.

IT provides high speed internet access in all of the residence halls (ResNet) and free computer anti-virus software. Our antivirus software must be used in order to connect to ResNet so please do not purchase anything prior to arriving on campus. If you do, it needs to be removed before you put EKU's antivirus on your computer. You will need to connect to the campus Ethernet and download Symantec and our network login software—Clean Access, in order to connect to the network in your residence hall. Only after you successfully connect to the wired connection in your room will you be able to connect to your buildings wireless. For computers to be used in the residence halls, IT requires the following:

**Required Hardware/Software**

10 or 10/100 Ethernet card Network cable (RJ45 CAT5) (25' recommended length)

EKU version of Symantec Antivirus\*

Cisco Clean Access Agent\*

Operating system updates (Windows or Apple)

\*Must be downloaded free from EKU once in a residence hall.

**Minimum Computer Requirements**

(For Recommended Systems see:

<http://www.resnet.eku.edu/sysreq.php>)

**EKU Police**

Division of Policy, Compliance and Governance  
Mattox Hall

Phone: (859) 622-2821 Fax: (859) 622-2243

[www.police.eku.edu](http://www.police.eku.edu)

The mission of the Eastern Kentucky University Police Department is to enhance the quality of life by providing a safe and secure environment through professional service to the community. The success of our mission depends on this partnership utilizing a community policing philosophy. The department places high priority on honesty and integrity and values the need for effective and open communication with the community we serve. We value our employees and are committed to their professional development.

The University offers a variety of informational programs that inform students and employees on safety and security issues, including how to report crimes and how to prevent crimes. These programs are available on request by student groups, employees, or individuals. These programs include, but are not limited to:

- Crime Prevention and Security Awareness
- Drug and Alcohol Abuse Education Program
- Sexual Assault Prevention
- Residence Hall Security

The University Police provide 24-hour patrols of the Eastern Kentucky University campus buildings, parking lots, residence hall exteriors, and campus grounds. University police officers have full authority on all University property and concurrent jurisdiction on all roads and streets adjacent to

the campus. The University Police also have the authority to investigate crimes committed on University property anywhere in the state.

The Eastern Kentucky University Police Department includes 25 sworn police officers, 4 dispatchers, and 19 student cadet officers. The University Police has jurisdiction over all campus owned, leased or controlled property, on all roads through and adjacent to campus, and anywhere in the state if a crime is committed on campus. They have police cruisers that patrol throughout campus and are highly visible along with bicycle patrol and foot patrol officers.

The campus police department also houses 2 full-time detectives whose primary responsibilities are investigations and working closely with surrounding agencies. The Eastern Kentucky University Police Department has an excellent working relationship with state, local, and federal law enforcement agencies and other emergency providers.

### **Parking and Transportation Services**

Division of Policy, Compliance and Governance  
 Mattox Hall Suite A  
 Phone: (859) 622-1063 Fax: (859) 622-2243  
[www.parking.uku.edu](http://www.parking.uku.edu)

Eastern Kentucky University Parking and Transportation Services provides parking and transportation options in support of the University's mission, by providing quality customer service and proper management of parking and transportation resources. This mission is accomplished by enforcing applicable parking rules and regulations, providing safe and efficient transportation services, conveying a positive attitude, and requiring the highest standards of personal and professional conduct.

Parking Services provides parking information, issues parking permits for the campus community and visitors, coordinates parking for special events, and enforces parking rules and regulations.

Transportation Services provides day and evening shuttle transportation and motor pool/fleet services.

See the Parking and Transportation website ([www.parking.uku.edu](http://www.parking.uku.edu)) for additional parking and transportation information including parking regulations, shuttle schedules, and hours of operation.

### **Student Automobiles**

In order to facilitate parking for all students, faculty, and staff, Eastern Kentucky University requires the registration of motor vehicles utilizing campus parking facilities. Vehicle registration information can be obtained by contacting the Parking Office (859) 622-1063 or by logging on [www.parking.uku.edu](http://www.parking.uku.edu).

During the registration period, prior to the first day of classes, students registering for classes may park in any legal, non-reserved parking space in all areas, except employee parking lots (Zone E) which are marked by yellow signs, and the Powell West Visitor Lot.

After the commencement of classes, residential hall lots (Zone B), which are marked by blue signs, are restricted to residence hall permits 24 hours per day, seven days a week. Enforcement of employee and commuter parking zone regulations begins at 2:00 a.m. Monday-Friday. Commuter permits are also valid from 4:30 p.m. to 7:00 p.m. in employee

(Zone E) parking lots. The Case Lot, Jones Lot, and a section of the Martin Lot are exceptions to this rule and are reserved for employees only until 9:00 p.m. Evening parking for vehicles without permits is available in the Alumni Coliseum Lot from 4:30 p.m. to 2:00 a.m., Monday through Friday, and all day Saturday and Sunday.

Visitors may obtain temporary permits 24 hours a day, 7 days a week at the Parking Office or Police Dispatch Center located in Mattox Hall, behind the Student Services Building. Short term temporary parking permits, not to exceed 5 days, are available to individuals who have not registered a vehicle.

### **Office of Services for Individuals with Disabilities**

Division of Policy, Compliance and Governance  
 Student Services Building 361, CPO 66  
 Phone: (859) 622-2933  
[www.disabilities.uku.edu](http://www.disabilities.uku.edu)

The Office of Services for Individuals with Disabilities assists students, faculty and staff with disabilities by coordinating campus and program accessibility as well as providing support in the attainment of educational and work goals. The Disabilities Office Staff, the OSID test proctoring service and the Project SUCCESS Program are located in the Student Services Building, room 361. Appointments are made by calling (859) 622-2933 (V/TDD) or coming to SSB 361.

Individuals seeking services are required to provide the Coordinators with a completed application for services and current disability documentation. Applications, guidelines for documenting a disability, and information on obtaining services and accommodations are available at the office and on the website at [www.disabilities.uku.edu](http://www.disabilities.uku.edu). Services are determined on an individual basis and may include but are not limited to: test accommodations, note takers, books on CD, and use of assistive technology, equipment loan, building accessibility information, permanent and temporary handicapped parking and individual appeal cases.

Applications for **Project Success**, a comprehensive program for students with specific learning disabilities, Attention Deficit Disorders and other cognitive disorders are located in SSB, room 361. Appointments are made by calling (859) 622-2933 (V/TDD) or coming to SSB, room 361.

### **Office of Deaf and Hard of Hearing Services**

The Office of Deaf and Hard of Hearing Services enables students who are deaf and hard of hearing to achieve their educational goals, both academic and career. The office provides and coordinates accessible services including but not limited to: note takers, interpreters, test accommodations, use of assistive listening technology and equipment loan, which afford individuals equal opportunity to attain their goals. Current disability documentation is required. Services are determined on an individual basis. A comprehensive list of services may be found on the web at [www.disabled.uku.edu/terpserve/](http://www.disabled.uku.edu/terpserve/). The Interpreter Coordinator is located in Case Annex, room 207. Appointments are made by calling (859) 622-2937 (V/TDD) or coming to Case Annex, room 207.

### **ADA/504 Coordinator**

The ADA/504 Coordinator serves the University by hearing individual ADA cases including appeals for course substitutions and waivers and other ADA cases as a member

of the ADA Compliance Committee. Appointments with the Coordinator are made through OSID. Services for Individuals with Disabilities are made available in accordance with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990. Current students, faculty, staff and others interested in disability issues are invited to attend the ECU ADA Awareness and Accessibility Committee. A schedule of meetings and committee notes are available on line at <http://access.eku.edu>.

#### **ADA Compliance Committee**

The ADA Compliance Committee serves the University Community by hearing individual ADA cases. Please contact the Director of the OSID for more information.

#### **Speech-Language-Hearing Clinic**

Wallace Building 278  
Phone: (859) 622-4444  
[www.specialed.eku.edu/clinic](http://www.specialed.eku.edu/clinic)

The Communication Disorders Program in the Department of Special Education offers services to students, faculty, staff, and members of the community at the Speech-Language-Hearing Clinic in Wallace 278.

Diagnostic and clinical treatment services provided by the Clinic include the following:

1. Screening for speech, language, swallowing, and hearing problems.
2. Assessment and treatment of articulation disorders, phonological delays, delayed or disordered language, stuttering, voice disorders including laryngectomy, swallowing, speech and language problems resulting from stroke or head injury, language disorders related to learning disability, and speech and language problems of individuals in areas of exceptionality such as mental handicap, developmental delay, cerebral palsy, cleft palate, hearing impairment, autism spectrum disorder, and emotional/behavioral disorder.
3. Assessment and treatment of hearing loss; treatment via fitting, programming, and maintenance of hearing aids and/or assistive listening devices, aural rehabilitation (including auditory training) and speech reading, and counseling regarding adjustment to hearing aid use; hearing conservation.
4. Accent modification for speakers of English as a second language and those desiring Standard English skills.

Anyone interested in the above services should contact the Clinic Office Associate at (859) 622-4444, Wallace 278, or visit the Clinic website: [www.specialed.eku.edu/cd/clinic](http://www.specialed.eku.edu/cd/clinic).

#### **Student Publications**

Eastern Kentucky University provides a variety of laboratory experiences through student publications. The Eastern Progress Advisory Board has been established to provide professional involvement in the activities of the Eastern Progress, the University's student newspaper. Academic and support units coordinate the institutional support of student publications but do not govern the content. The courts have consistently held that where a tradition of student decision

making exists in student publications, those publications are afforded the same Constitutional First Amendment protection as other publications. Concomitant with those rights, go certain responsibilities, which also accrue to the student publications. Accordingly, the responsibility for the content of the publications is that of the student editors and writers and not Eastern Kentucky University or its Board of Regents.

**The Eastern Progress**, a 10,000-circulation weekly newspaper, is the official student publication of the University and all students are encouraged to take advantage of the journalism and advertising training it offers. The Progress has consistently been rated as an All American Newspaper by Associated Collegiate Press and a Medalist paper by Columbia Scholastic Press Association. Since 1987, the Progress has won more than 20 national awards, including four national Pacemakers and three Gold Crown awards. It was recognized as the Best All-Around Campus Newspaper by the Society of Professional Journalists in 1997 and 1998. Reach the Progress online at [www.easternprogress.com](http://www.easternprogress.com).

**Aurora** is a magazine of student writings published by its student staff to encourage interest in literary activity. Aurora accepts poems, one-act plays, short stories, prose sketches, and essays from any Eastern student. Editions are published in the fall (online by the ENG 420 class) and spring (hard copy). Cash prizes are awarded for the best works (fiction and poetry) at the time of the spring publication.

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# SECTION FOUR

## General Academic Information

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## GENERAL ACADEMIC INFORMATION

Student success is an EKU priority. The General Academic Information section provides students with key information to help them succeed on the path toward completing a degree. All students should become familiar with the General Academic Information section of the Catalog as well as specific college and departmental program requirements. Being unaware of these regulations and requirements does not exempt a student from complying with the requirements.

### ACADEMIC BANKRUPTCY

#### Academic Bankruptcy of EKU Work

Academic bankruptcy allows undergraduate students who are returning to Eastern Kentucky University after remaining out for an extended period to void a portion of the work attempted during one or more semesters of the prior enrollment(s). EKU offers this option because it recognizes that some students fail to perform satisfactorily due to immaturity or to other factors that interfere with their academic performance.

To qualify for bankruptcy, a student must meet the following conditions:

- (a) The student must not have attended Eastern Kentucky University or any other institution of higher education for a period of at least two consecutive years sometime after attempting the work to be bankrupted.
- (b) After being readmitted, the student must attain a minimum of a 2.0 GPA with no grade lower than a "C" on at least 12 hours of college-level (i.e., 100 or above) EKU courses. All courses and grades, including repeated courses, will be counted in the GPA. All work attempted in the academic term that includes the twelfth hour is affected by these grade restrictions.
- (c) The student must state, in writing, his or her intention to declare bankruptcy to the Registrar's Office. The student will also specify which semesters are being requested for bankruptcy. Students may request to bankrupt any or all semesters of their prior work, but all work from a given semester will be bankrupted if the student requests to bankrupt that semester and if the request is approved.
- (d) The student may not have previously declared bankruptcy of EKU work.
- (e) The term noted above in which the twelfth hour is attempted must be spring 1986 or more recent.

If bankruptcy is granted, the bankrupted work will remain on the transcript; but it will not be counted in the student's GPA and will not count toward degree requirements, including the upper division hours requirement. However, the dean of the college in which the student is enrolled may waive major, supporting, and general education requirements met by bankrupted courses in which the student received at least a "C" or higher grade, while requiring the student to substitute enough elective courses to obtain the minimum number of credit hours required to graduate.

All academic course work, including bankrupted work, will be counted in computing graduation with honors.

#### Academic Bankruptcy of Transferred Work

Academic transfer bankruptcy allows undergraduate students who have been out of higher education for an extended period to void a portion of their earlier work attempted at other institutions. EKU offers this option because it recognizes that some students fail to perform satisfactorily due to immaturity or to other factors that interfere with their academic performance.

To qualify for transfer bankruptcy, a student must meet the following conditions:

- (a) The student must not have attended Eastern Kentucky University or any other institution of higher education for a period of at least two consecutive years sometime after attempting the work to be bankrupted.
- (b) After being readmitted, the student must attain a minimum of a 2.0 GPA with no grade lower than a "C" on at least 12 hours of college-level (i.e., 100 or above) EKU courses. All courses and grades, including repeated courses, will be counted in the GPA. All work attempted in the academic term that includes the twelfth hour is affected by these grade restrictions.
- (c) The student must state, in writing, his or her intention to declare transfer bankruptcy to the Registrar's Office. The written petition must identify the institutions from which work is to be bankrupted, as well as the specific semesters that are to be bankrupted. Students may request to bankrupt any or all semesters of prior work, but all work from a given semester will be bankrupted if the student requests to bankrupt that semester and if the request is approved.
- (d) The student may not have previously declared transfer bankruptcy at EKU.
- (e) The term noted above in which the twelfth hour is attempted must be fall 1987 or more recent.

If transfer bankruptcy is granted, the bankrupted work will remain on the transcript; but it will not be counted in the student's GPA and will not count toward degree requirements, including the upper division hours requirement. However, the dean of the college in which the student is enrolled may waive major, supporting, and general education requirements met by bankrupted courses in which the student received a "C" or higher grade, while requiring the student to substitute enough elective courses to obtain the minimum number of credit hours required to graduate.

All academic course work, including bankrupted work, will be counted in computing graduation with honors.

## ACADEMIC INTEGRITY

EKU students are expected to adhere to the highest standards of academic integrity. Students who are found guilty of academic dishonesty will be sanctioned in a manner that is appropriate to the infraction. Sanctions may range from receiving a failing grade on the assignment to being assigned a failing grade in the course. Stronger sanctions are possible in the event a case is assigned to the Student Disciplinary Council.

For a full description of academic dishonesty, including plagiarism, cheating, and fabrication, refer to the section entitled Academic Integrity Policy in the *University Handbook for Students*.

## ACADEMIC READINESS

The Developmental Education and College Readiness Program at Eastern Kentucky University helps students achieve academic success by developing or enhancing skill level proficiencies in the areas of reading, writing, and mathematics needed for success in college-level courses. Proficiencies in these areas are measured by student performance on the ACT, SAT, and EKU placement tests. Students needing additional preparation, identified through testing, are required to enroll in college readiness or developmental education coursework. College readiness is defined by minimum ACT subscores of 18 in English, 19 in mathematics, and 20 in reading.

Developmental Education and College Readiness courses offered at Eastern Kentucky University include:

- ENG 090 (Basic Writing)
- ENG 095 (Developmental Composition)
- ENR 090 (Developmental Reading I)
- ENR 095 (Developmental Reading II)
- ENR 116 (Strategies for College Reading)
- MAT 090 (Prealgebra)
- MAT 095 (Developmental Algebra I)

Each developmental course is a three-hour institutional credit course. The credit hours for courses beginning with a zero course number, like 090, 095, or 098, do not apply toward graduation but do count toward enrollment status for purposes of financial aid eligibility and full-time student status. Note: Students take MAT098 to prepare for MAT107. MAT098 is not required of students needing to meet developmental mathematics requirements.

Students transferring to Eastern Kentucky University with an Associate of Arts, Associate of Science, Associate of Applied Sciences, and Associate of Science in Nursing degree, or equivalent, will be considered proficient in the three basic skill areas of English (writing), mathematics, and reading. Please see Section Six of this Catalog for descriptions of these courses.

### Developmental and College Readiness Enrollment and Completion Requirements

Following are the policies concerning developmental enrollment and completion requirements for degree seeking students:

- 1) All full- or part-time students with developmental requirements in two or more areas must take GSO 102: Transition to College in the first semester of enrollment.
- 2) All full- or part-time students with developmental

requirements, identified by the ACT, SAT and local placement testing are required to enroll in the specified developmental course(s) during their first and each subsequent semester of enrollment at EKU, excluding summer, -until all developmental requirements are completed.

3) Part-time students must enroll in any required developmental course(s) before attempting course work which carries academic credit, other than GSO 102 or other required orientation courses.

4) Students with developmental requirements are allowed a maximum of two consecutive terms of University enrollment, excluding summer, to successfully complete each required course. Students not completing developmental requirements in the specified timeframe will have developmental holds placed on their course registration.

5) Students with developmental requirements must complete all required developmental courses by the end of the term in which they attempt their 45th credit hour, including developmental hours. Withdrawal from a developmental course counts as one semester of University enrollment toward the attempted completion of developmental requirements. Students not completing all developmental requirements within 45 hours will be developmentally dismissed.

### Grades in Developmental Courses

- Developmental course grades are not included in the calculation of GPAs.
- Developmental course grades include the grades "A," "B," "C," and "F." There are no course grades of "D" in developmental courses.

### Student Restrictions with Developmental Requirements

- Students with more than one developmental area requirement will be enrolled in the Associate of General Studies Degree program. The Office of Academic Advising will assist these students in creating linkages to departments of academic interest.
- Students affected by the above policy who would be rendered ineligible for specific scholarship opportunities, or who would be denied entrance into academic programs with proven student retention success, may petition for permission to declare a baccalaureate degree program. Letters of petition should be sent after the student's initial admission into EKU and addressed to the EKU Office of Advising.
- Students with two or more developmental area requirements are restricted to 13 hours of University enrollment, unless otherwise specified by admission status.
- Students enrolled in MAT 090 (Prealgebra) cannot enroll in any course with the following prefixes: AST, BIO, CHE, CIS, CNM, CSC, FOR, GLY, NAT, PHY, SCI, or STA.

## ACADEMIC STANDARDS

### Academic Achievement Status

**Dean's Award:** As a further recognition of academic excellence, the University presents the Dean's Award to students who have achieved the Dean's List three times. Students receiving the Dean's Award are presented with a recognition pin by the appropriate academic dean.

**Dean's List:** The Dean's List is one of several ways in which the University recognizes students who achieve academic excellence. The Dean's List is published after each regular semester. Eligibility requirements for the Dean's List are as



follows:

Hours Attempted with Regular Grading	Minimum GPA
12	3.75
13	3.65
14 or more	3.50

Students attempting fewer than 12 semester hours under the regular grading system are not eligible for the Dean's List. Courses below the 100 level will not be counted in determining eligibility for the Dean's List.

**Latin Honors (Cum Laude, Magna Cum Laude, Summa Cum Laude):** See Commencement and Graduation Information, page 50 of this Catalog for additional details.

**President's Award:** As a further recognition of academic achievement, the University presents the President's Award to students who complete a full time course load, with normal grading, and who attain a 4.0 grade point average for the semester. Students receiving the President's Award receive a letter of recognition from the President. In addition, the Division of Public Relations and Marketing distributes the names of the recipients to appropriate news media, including their hometown newspaper.

### Good Academic Standing

For the purposes of transferability, a student is considered to be in good academic standing at Eastern Kentucky University when that student maintains a grade point average that permits the student to re-enroll in the institution on a full-time basis and in the duly designated academic program.

### Minimum Academic Standards

**Satisfactory Progress:** Degree-seeking students shall be considered as making satisfactory progress so long as they remain in good academic standing and enroll in courses required by or allowed for in their academic program.

Students having difficulty meeting the Academic Standards are strongly advised to reduce or eliminate part-time jobs and other extracurricular activities which may detract from their studies, or to reduce the number of hours for which they are enrolled.

**Good Academic Standing:** Students are expected to maintain at least a 2.0 cumulative grade point average (GPA). The actions described below pertain to students whose GPA falls below 2.0. Once a student's cumulative GPA returns to 2.0 or above, they are once again in good academic standing.

**Academic Warning (pertains to first-year students only):** First semester new freshmen will be placed on academic warning if they receive a GPA less than 2.0 at the end of their first semester at the University. During the second semester of study, freshmen on academic warning may not enroll in more than 16 hours (during either fall or spring terms). Freshmen on academic warning may not enroll in more than six hours during a full summer term.

**Academic Probation:** Beginning with the second semester of study at ECU, students will be placed on academic probation if their cumulative GPA at the end of the semester is less than 2.0. While on academic probation, students may not enroll in more than 13 credit hours (in either fall or spring terms). Students on academic probation may not enroll in more than six hours during a full summer term.

**Academic Suspension:** At the end of a semester on academic probation, students who do not earn a 2.0 term GPA and whose cumulative GPA remains less than 2.0 will be placed on academic suspension. Students may be placed on academic suspension a total of three times. Students on academic suspension may not enroll in courses at ECU during the period of suspension. The suspension period for a first academic suspension following a fall semester is

the spring semester; following a spring semester it is the summer and fall semester. The suspension period for a second academic suspension is one calendar year, and a third academic suspension is for two calendar years. Previously suspended students will be placed on Academic Probation upon return to ECU if they have a cumulative GPA of less than 2.0.

**Academic Dismissal:** Students returning to the University at the end of a third academic suspension must earn and maintain a term GPA of 2.0 or better each semester. Students returning after a third academic suspension will be academically dismissed from the University if they have a term GPA of less than 2.0 at the end of any semester. Students who are academically dismissed may not enroll in courses at ECU for five calendar years.

**Attending Another School While Suspended or Dismissed:** Course work earned at another regionally-accredited university, while suspended or academically dismissed, will be considered for transfer to ECU. Students are responsible for requesting that an official transcript of any transfer course work be sent to the ECU Office of Admissions when they apply for readmission to ECU. Students should consult with their advisor or college for the applicability of course work taken at another institution to their degree program at ECU.

**Appealing Academic Standing:** If students believe their academic suspension was the result of catastrophic circumstances beyond their control, they may appeal the academic suspension to the University Readmission Appeals Committee. The appeal must be in writing and students must provide appropriate documentation supporting the appeal. Students may not appeal an academic dismissal.

## CHANGE/DECLARATION OF MAJOR OR MINOR

Undergraduate students who wish to change their major or minor may do so by accessing their *EKUDirect* account, clicking on "Student Services and Financial Aid," followed by "Registration," and then the "Change/Declare/Add Major or Minor" link. The requested change will be processed and a new advisor will be assigned within 10 business days. Some programs of study require that a prospective major secure approval of the program before they may declare that as their major.

## CLASS ATTENDANCE

Research shows that students who regularly attend class are more likely to succeed. ECU students are responsible for course work covered during all class periods, including the first class meeting. Each instructor will record absences and deal with them in a manner consistent with departmental policy for that course. Since attendance policies vary among departments and for courses within departments, students must be familiar with the policy printed on the course syllabus.

If a student presents the instructor with an adequate and documented reason for an absence, the instructor normally will give the student an opportunity to make up the work missed, if this is feasible. Adequate reasons involve circumstances beyond the student's control, such as personal illness, critical illness, or death in the immediate family, or participation in an approved University activity. No absence of any nature will be construed as relieving the student from responsibility for the timely completion of all work assigned by the instructor. Initiating the request to make up class work is the student's responsibility.

**First Day of Class Attendance (“Use It or Lose It”):** This enrollment verification process gives EKU instructors the authority to request disenrollment of a student for non-attendance. Faculty may request these drops only during the first week of the term. This process is designed to ensure clear reinforcement of the message that class attendance at EKU is important. Students who know they will be absent should contact their instructor or the academic department office PRIOR TO THE 1st CLASS MEETING to explain their absence and request that the instructor not drop them from the class. Students are responsible for monitoring their class schedule and should never assume that missing the first day of class will automatically result in removal from that class. While faculty may exercise their authority to drop a student for being absent on the first day of class, faculty are not required to do so. A student who never attends a class but remains enrolled will fail that course.

## CLASSIFICATION OF STUDENTS

A student’s classification is determined by the number of semester hours earned, as follows:

Freshman	—	0 - 29 semester hours earned
Sophomore	—	30 - 59 semester hours earned
Junior	—	60 - 89 semester hours earned
Senior	—	90 or more semester hours earned

## COMMENCEMENT & GRADUATION INFORMATION

### Application for Graduation

Each student who expects to complete requirements for a degree must submit a graduation application to their respective college by the established deadline. Applications are available in the College Dean’s Office or by web exclusively for the College of Business and Technology ([www.cbt.eku.edu/academicadvise/default.php#Graduation](http://www.cbt.eku.edu/academicadvise/default.php#Graduation)) and the College of Education ([www.coe.eku.edu/instructions\\_candidates\\_web.php](http://www.coe.eku.edu/instructions_candidates_web.php)). The Graduation Application fee is \$20 for each diploma and/or University certificate sought and is assessed to the student’s EKU account upon receipt of the graduation application.

Undergraduate and University Certificate seeking students wishing to graduate in December must make application before the end of the preceding October.

### Commencement

Commencement ceremonies are conducted at the conclusion of the fall and spring semesters, prior to final grade processing. The commencement ceremony represents a celebratory gathering of all degree candidates who are expected to complete their academic requirements by the official degree conferral date established for that semester by the University. Participation in the Commencement ceremony does not represent confirmation of degree completion (“graduation”). Students earning only a certificate, either University or departmental, do not participate in the Commencement ceremony. For additional information regarding Commencement, please refer to the Registrar’s Web site at [www.registrar.eku.edu/GraduationInformation/](http://www.registrar.eku.edu/GraduationInformation/).

### Degree Conferral Date

Eastern Kentucky University has three official degree conferral or “graduation” dates. These dates represent confirmation of degree completion and are posted to the student’s academic transcript and diploma.

Fall	—	December 31
Spring	—	May 31
Summer	—	Date that summer term final grades are due to the Registrar’s Office

### Diploma and University Certificate Production

Diplomas and University Certificates are produced in-house and are mailed to students after confirmation of degree completion. The graduation confirmation process takes several weeks to complete. Therefore, students should expect to receive their diploma 6-9 weeks after the end of finals week.

### Honors for Baccalaureate Degree Graduates

**Honors Scholars Program:** Students are graduated as Honors Scholars if they successfully complete Eastern Kentucky University’s Honors Program, satisfy all comprehensive and program requirements for an undergraduate degree from this University, and graduate with a cumulative GPA of at least 3.0. Honors Scholars are designated at commencement with a maroon mortarboard.

**Latin Honors:** Eastern Kentucky University recognizes graduating baccalaureate degree students who have achieved distinguished academic records by awarding their degree with Latin honors. There are three levels of Latin honors: Cum Laude (“with praise”), Magna Cum Laude (“with great praise”), and Summa Cum Laude (“with highest praise”).

All students earning Latin honors must take at least 25% of course work at Eastern Kentucky University. All semester hours transferred to and attempted at Eastern Kentucky University (including those which are subsequently repeated or bankrupted) will be used in calculating each Latin honor grade point average (GPA). Latin honors GPA calculation—for recognition at the graduation commencement ceremony—does not include the final semester’s course work as these calculations occur weeks before the term has finished. Once a student’s final semester has concluded and final grades are available, these grades will be considered when determining Latin honors notations for the diploma and transcript.

**Cum Laude:** Students earning Cum Laude must attain at least a cumulative GPA of 3.5 but less than a 3.7 on all semester hours transferred to and attempted at Eastern Kentucky University. Additionally, a minimum of 25% of the course work must be taken at Eastern Kentucky University.

**Magna Cum Laude:** Students earning Magna Cum Laude must attain at least a cumulative GPA of 3.7 but less than a 3.9 on all semester hours transferred to and attempted at Eastern Kentucky University. Additionally, a minimum of 25% of the course work must be taken at Eastern Kentucky University.

**Summa Cum Laude:** Students earning Summa Cum Laude must attain at least a cumulative GPA of 3.9 or higher on all semester hours transferred to and attempted at Eastern Kentucky University. Additionally, a minimum of 25% of the course work must be taken at Eastern Kentucky University.

### Honors for Associate Degree Graduates

Students are graduated “With High Distinction” if they attain a cumulative grade point average (GPA) of 3.7 or higher on all semester hours transferred to and attempted at Eastern Kentucky University and if they complete a minimum of 25% of the course work at Eastern Kentucky University.

Students are graduated “With Distinction” if they attain a

cumulative GPA of at least 3.5 but less than 3.7 on all semester hours transferred to and attempted at Eastern Kentucky University and if they complete a minimum of 32 semester hours that is half the minimum required for an associate degree at Eastern Kentucky University.

For purposes of honors recognition, all semester hours transferred to and attempted at Eastern Kentucky University, including those which are subsequently repeated or bankrupted, will be used in calculating GPA's. Honors GPA calculation for the graduation ceremony do not include the final semester's course work although those in process will be used to attempt to obtain the 32 semester hours at Eastern Kentucky University. Honors for the diploma and transcript will include the final semester.

### **Teaching Certification**

All students seeking initial teacher certification, regardless of the college in which they are enrolled, must meet the requirements for admission to professional education, complete an approved teaching curriculum, and pass the required PRAXIS tests as determined by the major/minor to be recommended for certification. For specific information regarding teacher certification requirements, please refer to the ECU Teacher Education Services.

Eastern Kentucky University awards baccalaureate degrees, but it is the Education Professional Standards Board (EPSB) for Kentucky that is responsible for issuing teacher certification. The ECU Office of Teacher Education Services sends certification recommendations to EPSB.

## **DEGREE AUDIT**

DegreeWorks is a degree audit report available to students and advisors online via ECU Direct (student web and faculty web). It is an audit which shows the requirements for a student's program and how completed and in-progress courses apply to that program. Students should contact their academic advisor if they have questions concerning degree requirements or their DegreeWorks report.

**Curriculum Guides:** Curriculum guides for each program are part of the DegreeWorks Academic Planner. All students should create an academic plan in DegreeWorks, maintain and follow that plan. Completion of the program will vary according to student status (i.e. transfer students, developmental students) and student load each semester.

Colleges will make available to students through appropriate advising any additional non-curricular requirements that apply to the specified major.

## **DEGREE INFORMATION AND REQUIREMENTS**

### **Catalog**

For general education requirements, students will be governed by the Catalog in use at the time they enter the University. However, any student regardless of her or his term of entry to the University may opt into the revised general education program commencing in fall 2006. Their major program requirements will be those in effect at the time they declare their major. However, if those requirements change, students may elect to complete the later requirements. Students who stop out for more than two years but who stay in the same major upon returning will meet the major requirements in place at the time they reenroll. Students who stop out for fewer than two years may elect to be returned to the major requirements in place at the time they declared their major by

submitting a request to the Registrar's Office.

The above refers only to curricular requirements. With respect to policy requirements, all students are governed by current University policies that have been approved by appropriate University committees.

### **Comprehensive Associate Degree Requirements**

To qualify for an associate degree, students must satisfy the following requirements:

1. Complete all requirements in the degree program as established by appropriate University committees.
2. Complete University academic requirements, including basic skills proficiencies in English, reading, and mathematics; and general education; as established by appropriate University committees for each degree program.
3. Complete a minimum of 60 semester credit hours.
4. Earn a minimum grade point average (GPA) of 2.0 on all college-level work taken at Eastern Kentucky University. In addition, transfer students must earn a minimum GPA of 2.0 on the combined transfer work and Eastern Kentucky University work.
5. Earn a minimum of 16 semester hours through Eastern Kentucky University.
6. Earn the credits applicable to the degree within eight years prior to the date the degree is awarded. Credits more than eight years old may be validated by the college dean.
7. Students enrolled in MAT 090 are not permitted to enroll in any course with the following prefix: AST, BIO, CHE, CIS, CNM, CSC, FOR, GLY, NAT, PHY, SCI or STA.

### **General Education Requirements for Associate Degrees:**

Students in associate degree programs must earn a minimum of 15 hours in courses approved for general education. These hours must include ENG 101 and ENG 102 or their equivalent. The nine additional hours must include approved one course in each of the following categories: IIIA, IIIB, IIIA/B, or VII (arts and humanities); VA, VB, VC, or VII (social and behavioral sciences); and II, IVA, IVB, or VII (mathematics and/or natural sciences). Courses meeting general education requirements have been identified by an asterisk (\*) in program plans in Section Five. For certain curricula, individual requirements are waived if they are satisfied in the major program. See the end of Section Four in this Catalog for information about general education requirements.

### **Comprehensive Baccalaureate Degree Requirements:**

To qualify for a baccalaureate degree, students must satisfy the following requirements:

1. Complete all requirements in the degree program as established by appropriate University committees.
2. Complete University academic requirements, including basic skills proficiencies in English, reading, and mathematics; and general education; as established by appropriate University committees for each degree program.
3. Complete a minimum of 120 semester credit hours, with at least 42 hours at the 300 level or above.
4. Earn a minimum grade point average (GPA) of 2.0 on all college-level work taken at Eastern Kentucky University. In addition, transfer students must earn a minimum GPA of 2.0 on the combined transfer work and Eastern Kentucky University work.
5. Earn a minimum of 32 semester hours through ECU.\*
6. Earn the credits applicable to the degree within eight years prior to the date the degree is awarded. Credits more than eight years old may be validated by the college dean.
7. Students enrolled in MAT 090 are not permitted to enroll in any course with the following prefix: AST, BIO, CHE, CIS, CNM, CSC, FOR, GLY, NAT, PHY, SCI or STA.

8. According to AACSB International business accreditation standards, students enrolled in University baccalaureate degree programs, other than those within EKUBusiness, will not receive credit toward their degrees for more than 25 percent of their undergraduate programs in credit hours in courses offered through EKUBusiness and/or business courses (courses commonly taught in school of business) transferred from other colleges and universities or taken from other units within Eastern Kentucky University. Students who desire to take business courses are encouraged to enroll in the Business minor.
9. Transfer students with 30 or more hours will not be required to take the University Orientation class.

\*Degree programs offered by the College of Business and Technology have more stringent residency requirements. Please refer to degree requirements in the College of Business and Technology section of this Catalog.

#### **General Education Requirements for Baccalaureate**

**Degrees:** The General Education Program consists of 48 hours of course work in eight blocks (identified with Roman numerals): communication (I), mathematics (II), arts and humanities (III), natural sciences, (IV), social and behavioral sciences (V), wellness (VI), breadth of knowledge (VII), and depth of knowledge (VIII). These blocks are subdivided into 16 course categories. Students must earn the specified number of hours in each of these course categories. See the end of Section Four in this Catalog for more detailed information about general education requirements.

#### **Concurrent and Subsequent Degrees**

**Concurrent Degrees:** A student may qualify to earn two degrees concurrently by completing all requirements for both degrees, including major, supporting, and general education requirements. Courses used in one degree program may also be used in the other.

The student has the responsibility to file a separate graduation application for each degree being sought. If the two degrees are in the same college, the student must file two applications in the office of the college dean. If they are different colleges, one application must be filed in each dean's office. Please refer to the "Application for Graduation" section of this catalog for more details.

**Concurrent Associate Degrees:** If two 60 credit hour associate degrees are pursued concurrently, a minimum of 75 credit hours must be earned. If one or both of the associate degrees has program requirements in excess of 60 hours, the degree program with the highest number of required hours will be considered the student's first associate degree, and the hours required to earn the second associate degree shall be 25% of the second program's total hours.

**Concurrent Baccalaureate Degrees:** If two 120-credit-hour baccalaureate degrees are pursued concurrently, a minimum of 150 credit hours must be earned. If one or both of the baccalaureate degrees has program requirements exceeding 120 hours, the degree program with the highest number of required hours will be considered the student's first baccalaureate degree, and the hours required to earn the second baccalaureate degree shall be 25% of the second program's total hours.

**Concurrent Baccalaureate and Associate Degree:** The minimum number of hours required for concurrently earning an associate and a baccalaureate degree is the number required by the baccalaureate degree.

**Subsequent Degrees:** Students having earned one degree, either from Eastern Kentucky University or from another regionally accredited institution, may subsequently pursue an additional degree, either associate or baccalaureate, by completing all requirements of

the subsequent degree, including major, supporting, and general education requirements. For students who earn their first degree at EKU, hours earned prior to the awarding of a first baccalaureate or associate degree may be counted toward the minimum required to earn a subsequent baccalaureate or associate degree.

Students must earn at least 16 approved semester hours at EKU for an associate degree beyond those required for the earlier degree. A subsequent baccalaureate degree requires at least 32 approved hours earned at EKU beyond those required for the earlier degree.

Students who have completed a previous degree elsewhere and apply to Eastern Kentucky University, should have official transcripts from the institutions previously attended sent to Eastern Kentucky University's Admissions Office.

#### **Multiple Majors/Minors**

Students pursuing baccalaureate degrees other than General Studies may consider more than one major and/or minor. All requirements for the declared major and/or minor must be completed by the time the initial degree is awarded. Students are required to declare a primary degree program (specific baccalaureate degree and first major). This program of study is that which will be recorded on the diploma, and which will determine the degree awarded by the University. A second or additional major represents a further emphasis of study and shall be designated on the student's academic transcript. Earning a second or other major, however, is not to be considered as completion of an additional or distinct degree program. Students who wish to earn two baccalaureate degrees should refer to the Concurrent Degree policy.

Associate degrees are not eligible for minors or second/multiple majors. Additionally, EKU does not allow the awarding of a subsequent major/minor/concentration after the initial degree is conferred unless the student is pursuing a subsequent degree program. While multiple majors, minors and certificates that are earned by a student are formally posted to a student's academic transcript, the degree earned and only one major will be printed on the diploma. Students interested in pursuing multiple majors, minors, certificates and/or concentrations should contact the Office of Academic Advising and Retention or the departments of interest for additional information.

When declaring a major, all degree-seeking students shall declare as a first major an EKU degree program, or a University certificate if that is the student's only educational goal. Pre-professional curriculums or departmental certificates may be pursued as second majors or concentrations.

## **ENROLLMENT AND CLASS SCHEDULE**

#### **Academic Load**

**Academic Load and Financial Aid:** Please note that, for financial aid purposes and loan consideration, full-time status is twelve or more semester hours in any academic term.

The limitations below apply to all enrollments or combinations of enrollments for the term specified, including campus classes, regional campus classes, online study, and enrollments at other institutions. The Registrar will not record credits beyond these maximums.

Note: Students who are not on good standing academically have lower maximum enrollment limits. Please refer to the section on Minimum Academic Standards.

**Fall/Spring Terms:** A full-time student is one who enrolls

in 12 or more credit hours during a fall or spring term. Students carrying fewer than 12 credit hours are considered part time. A student who has established superior records may be permitted to enroll for more than 18 hours by the dean of the college of the student's first major. The absolute maximum load is 21 credit hours.

**Summer Term:** For enrollment verification purposes, 10 credit hours and above is considered full time summer status for undergraduate students, 6 credit hours is full time summer status for graduate students. Twelve credit hours is the maximum enrollment allowed for the summer term. A student who has established a superior academic record may be permitted to enroll in the summer for more than 12 hours by the dean of the college of the student's first major. The absolute maximum summer enrollment is 15 hours.

### Class Schedule Changes

**Dropping a Class - 1st Week of Class:** If students wish to add courses to their schedule, they must do so by the date published in the Colonel's Compass for that term. If a student drops a course by the end of a term's Schedule Change Period (add/drop), the course will not appear on the student's grade report or transcript. Course drops are executed online through EKUDirect.

**Withdrawing from a Class - 2nd Week through 10th Week:** A student will be assigned a grade of "W" for all withdrawn courses, and a "W" will appear on the grade report and transcript. A student may officially withdraw from a full-semester course online through EKUDirect from the end of the Schedule Change Period (1st week of class) through the end of the 4th week of a regular (fall/spring) semester.

Beginning with the 5th week of the term, and until the end of the 10th week, students must have their instructor's written permission on a completed course withdrawal form and pay a \$50 per credit hour fee in order to withdraw from a course (\$150 for a typical 3 credit hour course).

**Withdrawing from a Class - After the 10th Week:** After the tenth week of a regular Fall/Spring semester, only students who are the victim of extraordinary circumstances may petition to the Late Withdrawal Appeals Committee through the Registrar's Office. The deadline for filing a petition for withdrawal under extraordinary circumstances is the last day of the full semester following the term from which the student is seeking withdrawal. The student should complete a Withdrawal Petition Form (available from the Registrar's Web site) and should include justification and documentation for the withdrawal. If approved, the Registrar will assign the grade of "W" and will notify the instructor of the class. For details refer to the Registrar's website ([www.registrar.eku.edu](http://www.registrar.eku.edu)).

Late withdrawals for individual courses will be assessed the \$50 per credit hour withdrawal fee. The Late Withdrawal Appeals Committee is not authorized to consider any appeals of the \$50 per credit hour course withdrawal fee.

Students who are assigned a grade of "F" or "FX" in a course due to academic dishonesty will not be permitted to withdraw from the course.

**Withdrawal Deadlines for Partial Semester and Summer Classes:** Specific calendar dates for withdrawal deadlines for partial semester and summer classes are available on the ECU Web site (see Colonel's Compass). The withdrawal deadline for all courses should be printed in the course syllabus, published in the Colonel's Compass, and also may be obtained by contacting

the Registrar's Office. Refer to Section 3 of this Catalog for the University's Tuition Refund Policy.

### Final Examination

If a student is scheduled for more than three final examinations on the same day, the student may request, through the college dean, that the fourth examination be rescheduled.

### First Day of Class Attendance (Use It or Lose It)

See Class Attendance section on page 37 of the Catalog.

### Late Registration Fee

Students whose initial registration for the term does not occur until on or after the first day of class will be assessed a non-refundable \$50 late registration fee.

### Service Learning

Courses that have been officially recognized as including service-learning within their curriculum are designated with the letter "S" following the course prefix and number. Service-learning is defined as:

An academic experiential educational method in which students participate in an organized service activity that meets identified community needs and reflects on the service activity in such a way as to:

- gain further understanding of course content,
- develop critical thinking skills, and
- develop an enhanced sense of civic responsibility

Students will be required to participate in at least 5 hours of community service per credit hour of course credit.

## GENERAL EDUCATION REQUIREMENTS

The mission of general education is to promote learning that is central to the intellectual pursuits associated with our educational programs and to enable students to make informed choices about matters of public and personal significance in a diverse, democratic society and global community. The general education program helps students to become informed, independent thinkers by developing competencies in communication, quantitative analysis, and critical thinking by helping them understand and appreciate the diversity of culture, individuals, the natural environment, and the global society. For certain curricula, individual requirements are waived if they are satisfied in the major program. Refer to the program plans in Section Five of this Catalog.

The General Education Program consists of 48 hours of course work in eight blocks (identified with Roman numerals): communication (I), mathematics (II), arts and humanities (III), natural sciences, (IV), social and behavioral sciences (V), wellness (VI), breadth of knowledge (VII), and depth of knowledge (VIII). These blocks are subdivided into 16 course categories. Students must earn the specified number of hours in each of these course categories.

### Writing Intensive General Education Courses

All baccalaureate degree seeking students who enter the University in fall 2007 or later are required to successfully complete one writing intensive general education course following

completion of ENG 102, ENG 105 or HON 102. Students are strongly encouraged to complete their writing intensive general education course before the conclusion of their second year of study. Writing intensive general education courses are designated with the suffix "W" following the course prefix and number (e.g., HUM 300W). W and non-W versions of the same course (e.g., HUM 300W and HUM 300) are considered equivalent for the purposes of satisfying course requirements for prerequisites, major courses, minor courses, and supporting courses. Credit will not be awarded for W and non-W versions of the same course.

Transfer students who are (full) general education certified and students who have earned any associates degree (including AAS) and baccalaureate degrees are not required to complete a writing intensive general education course. The waiver of the writing requirement applies only to institutions where the language of instruction is English.

NOTE: The courses listed award three hours of credit, unless a number appears in parentheses following the course name. This number represents the hours awarded for such courses. Course numbers followed by an asterisk (\*) have prerequisites or other restrictions on enrollment. Refer to Course Descriptions in Section 6 of this Catalog for specific restrictions. Letters in brackets [ ] designate Kentucky statewide General Education core coding.

#### I. Communication. [WC], [OC]

##### IA Written Communication. Three hours required. [WC]

ENG 101*	English Composition I
ENG 105*	First Year Writing Seminar

##### IB Written Communication. Three hours required. [WC]

ENG 102*	English Composition II
HON 102*	Honors Rhetoric (6; for blocks IA and IB)

NOTE: Students earning "A" or "B" in ENG 105 will earn six hours of credit, three hours of which will be applied to category IB. Those earning "C" or "D" will earn three hours credit and will then take ENG 102.

##### IC Oral Communication. Three hours required. [OC]

CMS 100	Introduction to Human Communication
CMS 210	Public Speaking

#### II. Mathematics. Three hours required. [MA]

MAT 105*	Mathematics with Applications
MAT 106*	Applied Finite Mathematics
MAT 107*	College Algebra
MAT 108*	Trigonometry
MAT 109*	Precalculus Mathematics (5)
MAT 124*	Calculus I (4)
MAT 124H*	Honors Calculus I (4)
MAT 211*	Calculus with Applications for Business and Economics
MAT 224*	Calculus II (4)
MAT 224H*	Honors Calculus II (4)
MAT 261*	Calculus with Applications for Science

#### III. Arts and Humanities. [AH]

Select three hours in arts courses listed in IIIA and three hours in humanities courses listed in IIIB or select six hours in two of three courses listed IIIA/B, Integrated Arts and Humanities.

##### IIIA Arts. Three hours required. [AH]

ART 200	Art Appreciation
ENG 335*	Modern Drama
HON 205W	Honors Humanities I
MUH 171	Music Appreciation
MUH 271	Jazz History

MUH 272	Music Literature
MUH 273	Survey of American Popular Music
PHE 200	Dance and Culture
THE 100	Introduction to Theatre

##### IIIB Humanities. Three hours required. [AH]

AFA 201 & 201W	The African Experience
ENG 210* & 210W	Enjoying Literature
ENG 211* & 211W	Survey of World Literature I
ENG 212* & 212W	Survey of World Literature II
FCC 210	Topics in Culture
FCC 220	French Culture and Civilization
FCC 222	German Culture and Civilization
FCC 226	Hispanic Culture and Civilization
FCC 227	Japanese Culture and Civilization
HON 306W	Honors Humanities II
PHI 110 & 110W	Beginning Philosophy
PHI 130	Beginning Ethics
PHI 240 & 240W*	Philosophy of Religion
PHI 300 & 300W	Greek and Roman Philosophy
PHI 320	Modern Philosophy
REL 301 & 301W*	World Religions

##### IIIA/B Integrated Arts and Humanities. Six hours required.

[AH]

HUM 124	Humanities and the Search for Meaning
HUM 226	The Search for Meaning: The Ancient World
HUM 228	The Search for Meaning: The Modern World
HUM 300 & 300W	Humanity in the Postmodern Age

#### IV. Natural Sciences. [NS]

##### IVA Biological Laboratory Science. Three hours required. [NS]

BIO 100*	Introductory Biology
BIO 102	Inquiry Biology for Teachers
BIO 121	Principles of Biology (4)

##### IVB Physical Science Laboratory. Three hours required. [NS]

AST 135*	Introductory Astronomy
CHE 100	Inquiry Chemistry for Teachers
CHE 101/107*	Chemistry in Everyday Life/Introductory Chemistry Lab (4)
CHE 105/107*	Chemistry for the Health Sciences/Introductory Chemistry Lab (4)
CHE 111/111L*	General Chemistry I/General Chemistry Lab I (4)
CHE 112/112L*/112HL	General Chemistry II/General Chemistry Lab II (4)
GEO 210	Introduction to Physical Geography
GLY 102	Earth Science for Teachers
GLY 107	Gold and Diamonds
GLY 108	Plate Tectonics: The Active Earth
GLY 109	Great Moments in Earth History
GLY 172	Geology and Human Health
GLY 304	The World Ocean
PHY 101*	Conceptual Physics
PHY 102	Inquiry Physics for Teachers
PHY 131*	College Physics I (5)
PHY 132*	College Physics II (5)
PHY 201*	University Physics I (5)
PHY 202*	University Physics II (5)

#### V. Social and Behavioral Sciences. [SB]

##### VA History. Three hours required. [SB]

ANT 200	Anthropology of Human Society
HIS 202	American Civilization to 1877
HIS 203	American Civilization Since 1877
HIS 204W*	Historical Inquiry

HIS 231*	Western Civilization to 1687
HIS 232*	Western Civilization Since 1687
HIS 246*	World Civilization to 1500
HIS 247*	World Civilization Since 1500
HON 210W	Honors Civilization I

**VB Social and Behavioral Science. Three hours required. [SB]**

ANS 200	Introduction to Animal Studies
ANT 120	Introduction to Cultural Anthropology
ECO 120*	Economic Reasoning and Issues
ECO 130*	Contemporary Economic Problems
ECO 230*	Microeconomics
ECO 231*	Macroeconomics
GEO 100	Regions and Nations of the World
GEO 220	Human Geography
POL 100 & 100S	Principles of Politics and Government
POL 101	Introduction to American Government
POL 212	Introduction to Comparative Politics
POL 220	Introduction to International Relations
PSY 200 & 200W*	Introduction to Psychology
PSY 280* & 280W*	Lifespan Development
SOC 131	Introductory Sociology
SOC 235	Social Problems
SWK 310 & 310W	Social Welfare Policy History

**VC History or Social and Behavioral Science. Three hours required. [SB]**

Select an additional three hours from categories VA or VB or select the following:

HON 311W	Honors Civilization II
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**VI. Wellness. Three hours required.**

BIO 310	Biology of Aging
HEA 285	Health Across the Lifespan
NFA 201	Essentials of Nutrition
PHE 180*	Lifetime Wellness

\*Student Veterans will obtain credit for PHE 180 by submitting their military service transcripts to the SOTO Office (SSB 442). For further information, contact the SOTO Office at 859-622-7838.

**VII. Breadth of Knowledge.**

Select six hours (two courses) from two of the following four areas.

**VII(AH) Arts and Humanities.**

Select an additional three hours from categories IIIA, IIIB, or IIIA/B or select one of the following:

ARH 390	Survey of Art History I
ARH 391 & 391W*	Survey of Art History II
BEM 350	Cinema History I
BEM 351	Cinema History II
ENR 112*	Academic Literacy and Learning
HON 308*	Special Topics
MUH 371*	Survey of Music History I
MUH 372*	Survey of Music History II

**VII(NS) Natural Sciences.**

Select an additional three hours from Block IVB or select one of the following:

ANT 201	Introduction to Physical Anthropology
AST 130*	Introductory Astronomy
AST 330*	Stars, Blackholes: The Cosmos
BIO 171	Human Anatomy
BIO 273	Clinical Microbiology
BIO 301	Human Physiology
BIO 303	Human Heredity and Society
BIO 317	Conservation of Wildlife Resources
CHE 102*	Introductory Chemistry II

GEO 115	Hollywood Weather
GLY 302	Earth Science
GLY 303	Global Environmental Challenges
GLY 305	Dinosaurs
HON 316*	Special Topics
NAT 380 & 380W	Science and Society

**VII(QS) Quantitative Skills.**

Select an additional three hours from Block II from MAT 106 or higher or select one of the following:

CIS 212	Introduction to Computer Information Systems
CIS 240	Introduction to Web Information Systems
CSC 104	Computer Literacy with Software Applications
CSC 160	Introduction to Programming
CSC 174	Introduction to FORTRAN
CSC 177	Introduction to Visual Basic
CSC 190	Objected-Oriented Programming
HON 304 & 304S	Special Topics
PHI 100	Practical Reasoning
PHI 371	Symbolic Logic
STA 215*	Introduction to Statistical Reasoning
STA 270*	Applied Statistics

**VII(SBS) Social and Behavioral Sciences.**

Select an additional three hours from categories VA, VB, or VC or the following:

AFA 202	The African-American Experience
APP 200	Intro to Appalachian Studies
COM 200 & 200W	Mass Media and Society
HIS 310	History of Science
HON 312 & 312S	Special Topics
POL 100S	Principles of Politics and Government
POL 301	Citizens' Assembly (CACTUS)
POL 302	Science and the Liberal Arts

**VIII. Depth of Knowledge.**

Select six hours from one of three options:

**Option 1.** Six hours in a coherent set of supporting courses for specific degree programs. Consult your advisor to determine if your major requires supporting courses in this option.

**Acceptable supporting courses in this option include all courses approved in Blocks I - VII plus the following:**

**Option 2.** Six hours in the same language from the following:

ASL 101	American Sign Language I
ASL 102*	American Sign Language II
FLS 101	Language Topics:
FLS 102	Language Topics:
FRE 101*	Conversational French I
FRE 102*	Conversational French II
FRE 201*	Intermediate Conversational French I
FRE 202*	Intermediate Conversational French II
FRE 204*	Review of French Grammar
GER 101*	Conversational German I
GER 102*	Conversational German II
GER 201*	Intermediate Conversational German I
GER 202*	Intermediate Conversational German II
JPN 101	Conversational Japanese I
JPN 102	Conversational Japanese II
JPN 201	Intermediate Japanese I
JPN 202	Intermediate Japanese II
LAT 101	Beginning Latin I
LAT 102*	Beginning Latin II
SPA 101*	Conversational Spanish I
SPA 102*	Conversational Spanish II
SPA 201*	Intermediate Conversational Spanish I
SPA 202*	Intermediate Conversational Spanish II

**Option 3.** Six hours in coursework addressing a common theme. Themes and courses are listed in Block VIII of the CARES Report and at [www.gened.eku.edu](http://www.gened.eku.edu).

#### Gender, Race and Sexuality in the United States

AFA 201 & 201W	The African Experience
AFA 202	The African-American Experience
AFA 330/EDF 330	U.S. South and Black Education
AFA 345/POL 345	Minority Group Politics
CDF 232/WGS 232	Identity and Sexuality
EDF 330	U.S. South and Black Education
POL 345	Minority Group Politics
POL 446/WGS 446	The Politics of Sex
NSC 370	Health Disparities
SOC 399/WGS 399	Gender in Cross-Cultural Perspective
SOC 400	Race and Ethnic Relations
WGS 201	Introduction to Women and Gender Studies

#### Society, Science, Technology and Values

CSC 123	Exploring Virtual Worlds
CSC 307	Cyberspace Security and Ethics
HIS 310	History of Science
NAT 380 & 380W	Science and Society
PHI 340 & 340W	Philosophy of Science
PHI 362	Technology and Values
TEC 102	Technology and Society

#### War and Peace

ENG 374	Shakespeare at War
ENG 386W	War and Peace in Literature Since 1900
POL 325	International Security Affairs
POL 415	Terrorism and Political Violence
REL 360	Religion and Global Ethics

## GRADES

**Auditing Courses:** A student may audit a course (i.e., take it without credit) with the permission of the instructor and the dean of the college involved if the course has been approved to be taken Audit. The Registrar's Office can verify whether a course is approved to be taken as Audit. After registering for the course as usual, students must obtain the "audit a course" form from the Registrar's Office, obtain the appropriate signatures and return it to that office, SSB 239. Fees are the same as for courses taken for credit. Students enrolled for audit must comply with the attendance policy of the instructor or no course entry will be made on their academic record.

**Changes to Transcript:** Once a degree has been posted to the transcript, changes will not be made to courses or grades that were earned prior to the posting of the degree.

**Credit/No Credit (CR/NC) Coursework:** The grade of "CR" (credit) is awarded as recognition of appropriate scores on AP, IB, CLEP or other proficiency exams. This grade is also given for prior learning assessment as well as all transferred international coursework.

Undergraduate course work with CR grades may be used to fulfill major, minor, certificate, supporting program, and/or concentration area requirements, (unless explicitly prohibited by the appropriate academic department), to a maximum of 20% of the credit hours required for the academic program. Exceptions to

this limit may be authorized by the Dean/Associate Dean of the college offering the program. There is no limit to the number of CR credit hours used to meet general education areas or to serve as free electives.

**Equivalent Courses:** Equivalent or cross listed courses are those in which credit will be earned for just one course. Equivalent courses may or may not be cross-listed in the schedule. Should there be a second enrollment in an equivalent or cross listed course, the student will either be disenrolled from the course or have credit removed at the end of the semester. Upon a change of major, permission for enrollment and credit for the second course, when required in the new major, must be obtained in advance from the college dean of the new major. In that instance, credit for the first taking will be removed.

**Grade Appeals:** If a student believes that the final grade assigned in a course is unjustified, that student should consult the instructor seeking a satisfactory explanation. If, after doing so, the student still feels that the grade is unjustified, the student may appeal the grade, in writing, to the department chair. A written appeal must be filed with the chair within 30 days after the beginning of the next semester (exclusive of summer session). Refer to the University Handbook for Students for the complete policy concerning grade appeals.

**Grade Changes:** All grade changes must be made by the following deadlines: for fall semester grades—the last day of regular classes (prior to finals week) for the following spring semester; and for spring and summer semester grades—the last day of regular classes (prior to finals week) for the following fall semester.

**In-Progress Grades:** Instructors may assign a grade of "IP" in certain approved courses in which it might reasonably take students more than a single semester to complete all requirements. A student assigned an "IP" grade for internship, practicum, or self-paced courses must complete requirements within the calendar year after the "IP" is awarded to receive credit. If requirements are not completed, the Registrar will change the "IP" grade to "NC" (NO CREDIT), and the student must register again for the course to receive credit.

A degree cannot be awarded to a student with any incomplete ECU courses on his/her record. Any student who is a pending graduate with unresolved ECU incomplete grades ("I") will be given the choice of either accepting an "F" for the course (or "NC" for unresolved "IP" grades) or being deferred to the next term for graduation consideration.

**Incomplete Grade Contract:** An instructor may assign a grade of "I" if the instructor believes that a student has been unable to complete the course on time because of unavoidable conditions. An Incomplete Grade Contract must be received by the Registrar's Office no later than 30 days past the deadline for final grade submission. The student's signature is not required for the contract to be enforced. A copy of the contract will be mailed to the student by the Registrar's Office, giving the student a 10 day window in which to decline the incomplete grade.

While the faculty will be able to submit the "I" grade through the online grade submission process, any "I" grade that is not accompanied by an Incomplete Grade Contract within 30 days of the advertised final grade submission deadline will be converted to an "F." Any student receiving a grade of "I" must coordinate with



the instructor to satisfy all outstanding coursework for the course. Students should not register to repeat the course in a subsequent term. Once outstanding requirements for the course are satisfied, the instructor will process a change of grade form converting the "I" to a letter grade. The deadline for the grade change is the last day of class of the next full-length (i.e., fall or spring) term. Once this deadline has passed, the "I" becomes an "F."

If, due to extenuating circumstances, a student is unable to complete the contracted course work to fulfill the incomplete course by the established time line, the student has the option of requesting a one-time, one semester extension to the incomplete deadline. The student must initiate the request through the instructor before the established deadline. Approval of an extension of an incomplete grade is not automatic and depends on the student's unique circumstances.

**Letter Grades:** Grades, which are represented by letters, are given point values as indicated:

<b>Grade</b>	<b>Meaning</b>	<b>Grade Points Per Hour</b>
A	Excellent	4.00
B	Good	3.00
C	Average	2.00
D	Poor	1.00
F	Failure	0.00
FN	Failure-Student Stopped Attending Class	0.00
FX	Failure-Academic Dishonesty	0.00
I	Incomplete	0.00
IM	Incomplete Due To Military Activation	0.00
P	Passing	0.00
S	Passing	0.00
U	Failure	0.00
UN	Failure-Student Stopped Attending Class	0.00
W	Withdraw	0.00
WM	Withdraw Due To Military Activation	0.00
AU	Audit	0.00
CR	Credit Only	0.00
IC	Incomplete Correspondence	0.00
IP	In Progress	0.00
NC	No Credit	0.00
NR	Not Reported	0.00

Throughout this Catalog, specific grade requirements are to be interpreted precisely as stated. Thus, if a requirement specifies that a grade of at least "C" is required, a "C-" will not satisfy the requirement. If it is intended that "C-" is to be allowed, "C-" will be listed rather than "C." This applies to all specific grade requirements.

The grade point average (GPA) is based on those courses in which a student earned grades of "A," "B," "C," "D," "F," or "U." To calculate the GPA, one first figures the number of hours attempted in courses numbered 100 or above that award any of these grades. Next, one obtains the total grade points for each of these courses. This is figured by multiplying the grade points for each grade by the number of credit hours of the course. For example, a student earning a "B" in ENG 101, a three-hour course, would earn nine grade points. Finally, the total grade points are divided by the hours attempted. To meet graduation requirements of at least a 2.0 GPA, students must earn at least twice as many grade points as they have hours attempted.

**Military Activation - Incomplete Grade:** If the instructor

feels that the portion of the semester remaining and volume of uncovered material is such that it can be made up in a reasonable amount of time and effort, a grade of "Incomplete for Military Activation" may be given for students who are called to active duty. The instructor or the student must ensure that a copy of the student's military orders are received by the Registrar's Office. Students who enlist in the military during the semester may not exercise this option. For additional information regarding Military Incomplete status please see the Military Activation Web site at: <http://www.registrar.eku.edu/registration/military/>.

**Pass-Fail ("P" - "F") Option:** The Pass-Fail option encourages students to take courses they might otherwise avoid because of lack of background or concern for lowering their grade point average (GPA). Not all courses are approved to be taken Pass-Fail. The Registrar's Office can verify whether a course is approved to be taken as Pass-Fail.

Students who have earned 30 or more semester hours of credit with a minimum GPA of 2.0 may choose the Pass-Fail ("P" - "F") option for a total of 15 hours of free electives. These hours must be exclusive of general education, major, minor, and other course requirements for graduation. Eligible courses must belong exclusively to the category, free electives. Hours passed under the Pass-Fail option will not be used in the computation of GPA's; however, hours failed ("F") will be used.

Students may choose the Pass-Fail option for one course per semester with a maximum of five credit hours per semester. Students may repeat a course using the Pass-Fail option only if the previous taking was also Pass-Fail.

Students may select the "Pass-Fail" option by completing the Audit/Pass-Fail registration form, available from the Registrar's Office. Students may change to or from the Pass-Fail option by the date specified each semester in the Colonel's Compass. The student must submit to the Registrar's Office the completed form as authorization to change their registered course to Pass/Fail.

**Repeating Courses:** A student may enroll in the same course for a third or subsequent time only under unusual circumstances and with the written permission of the dean of the college of the student's first major. If a student enrolls in a course for a third or subsequent time without approval, the student will be administratively withdrawn from the course.

Undergraduate students may repeat college-level courses. In those courses, the last grades earned will replace those earned earlier.

If a student attempts to repeat a course and replace the grade but then withdraws from the course, the taking will not be counted among those for which grade replacement is available.

The grade earned in a course taken at another institution will not replace a grade earned at ECU. For GPA calculation, a grade of "S," "CR," or "P" will not replace a grade of any "C," "D," or "F" (earned in normal grading) grades. A "P" will replace an "F" when the "F" was earned under the Pass-Fail option.

**Satisfactory-Unsatisfactory ("S" - "U") Grading System:** Some courses are approved to be taught exclusively on a "Satisfactory" ("S") or "Unsatisfactory" ("U") basis. Each student enrolled in the class will receive either a grade of "S" or "U." Hours passed under the Satisfactory-Unsatisfactory option will not be used in the computation of GPA's; however, hours failed ("U") will be used.

## NON-TRADITIONAL ACADEMIC CREDIT

### Credit-By-Examination

Students who have educational experiences other than university instruction may attempt to earn academic credit by examination. Following are the conditions which apply to receiving credit-by-examination:

1. Only admitted students will be awarded credit-by-examination.
2. Credit earned by examination is recorded without a letter grade; hence, it has no effect upon the overall grade point average (GPA).
3. Departmental or proficiency examination credit earned at other colleges and universities is not eligible for transfer credit.
4. A student may not earn credit-by-examination in a course the student has failed.
5. A student may attempt to earn credit-by-examination in a course only once.
6. A student may not take a course-specific College Level Examination Program (CLEP®) or departmental examination for credit for a course in an area in which advanced course work has already been completed, as determined by the department responsible for the discipline under consideration.
7. Special fees are assessed for credit-by-examination and must be paid prior to taking an examination.
8. Students seeking AP or IB credit must have information sent to EKU for recording of test information within the first 30 hours of EKU enrollment.
9. Incoming freshmen attempting to demonstrate competence in courses through CLEP® or departmental examinations must have a recommendation from the academic advisor and approval from the departmental chair in which credit is to be awarded in order for credit to be recorded. Upon demonstration of competency, credit will be awarded after the last day to add a full-semester course.
10. EKU students with academic history or students transferring to EKU must have an overall GPA of 2.0, recommendation of student's academic advisor, approval from the department chair in which credit is to be awarded, and less than 45 earned credit hours to attempt credit-by-examination for courses at the 100-299 level.
11. EKU students with more than 45 credit hours who wish to attempt credit-by-examination of courses at the 100-299 level must have an overall GPA of at least 2.0 and secure Provost-level permission via approval of a Request for Exception to University Academic Policy.
12. EKU students with academic history or students transferring to EKU must have an overall GPA of 2.0, recommendation of the student's academic advisor, and approval of the department awarding credit in order to attempt credit-by-examination for courses at the 300 level or above.

**Eastern Kentucky University credit-by-examination may be earned through any of the following methods:**

**Advanced Placement Program (APP):** The Advanced Placement Program consists of courses of study and special examinations open to students in high school. The courses

are presented during the student's junior and senior years; the examinations are administered during the month of May each year. The chart below indicates the manner in which EKU accepts Advanced Placement Program examinations as credit. For additional information on credit-by-exam courses, please go to [www.testing.eku.edu](http://www.testing.eku.edu). Information about the Advanced Placement Program can be found at [www.collegeboard.com/ap](http://www.collegeboard.com/ap).

<u>Test Code</u>	<u>APP Test</u>	<u>Minimum Score</u>	<u>Credit Hours</u>	<u>Course</u>
APAH	Art History	3	3	ART 200
APB	Biology	3	4	BIO 121
APMA	Calculus AB	3	4	MAT 124
APMB	Calculus BC	3	4	MAT 124
APC	Chemistry	3	4	CHE 111/115
APC	Chemistry	4	8	CHE 111/ 115, 112/116
APCA	Computer Science A	3	3	CSC 104
APCB	Computer Science AB	3	3	CSC 190
APME	Economics: Macro	3	3	ECO 231
APMC	Economics: Micro	3	3	ECO 230
APEC	English Language and Composition	3	3	ENG 101
APEL	English Literature and Composition	3	3	ENG 101
APES	Environmental Science	3	3	GLY 172
APEH	European History	3	6	HIS 231, 232
APF	French Language	3	9	FRE 101, 102, 201
APF	French Language	4	12	FRE 101, 102, 201, 202
APFL	French Literature	3	3	FRE 310
APG	German Language	3	9	GER 101, 102, 201
APG	German Language	4	12	GER 101, 102, 201, 202
APGC	Government and Politics: Comparative	3	3	POL 212
APGP	Government and Politics: United States	3	3	POL 101
APHG	Human Geography	3	3	GEO 220
APL	Latin: Literature	3	6	LAT 101, 102
APLV	Latin: Virgil	3	6	LAT 101, 102
APMT	Music Theory	3	4	MUS 181
APMT	Music Theory	4	8	MUS 181, 182
APPB	Physics B	3	3	PHY 101
APPE	Physics C: Electricity and Magnetism	3	5	PHY 132
APPM	Physics C: Mechanics	3	5	PHY 131
APPY	Psychology	3	3	PSY 200
APS	Spanish Language	3	9	SPA 101, 102, 201
APS	Spanish Language	4	12	SPA 101, 102, 201, 202
APSL	Spanish Literature	3	3	SPA 310
APMS	Statistics	3	3	STA 270
APD	Studio Art: Drawing	3	3	ART 100
APDA	Studio Art: 2-D Design	3	3	ART 152
APDB	Studio Art: 3-D Design	3	3	ART 153
APH	United States History	3	6	HIS 202, 203
APWH	World History	3	6	HIS 246, 247

**College Level Examination Program (CLEP®):** College-Level Examination Program (CLEP®) tests are available for various subject areas. Eastern Kentucky University accepts credit

for these examinations according to the guidelines on the website [www.testing.eku.edu](http://www.testing.eku.edu). In order to receive credit, a student must complete the appropriate Credit-by-Examination form available from the Office of Academic Testing, SSB room 340. These tests recognize a student's comprehensive subject knowledge acquired through independent or prior study. Information about the College-Level Examination Program (CLEP®) can be found at [www.collegeboard.com/clep](http://www.collegeboard.com/clep). The Office of Academic Testing administers CLEP® tests for currently enrolled Eastern Kentucky University students. Please contact (859) 622-1281 for information.

#### **DANTES (Defense Activity for Non-Traditional**

**Educational Support):** EKU allows credit-by-examination for some course work through DANTES testing. Credit will be awarded for those examinations listed below when scores are obtained at the indicated levels. Students need to send their official DANTES score report to the Office of Academic Testing in the Student Services Building, room 327 for processing of credit. A processing fee is required. Information about DANTES examinations is available at [www.testing.eku.edu](http://www.testing.eku.edu).

DANTES Exam Title	Credit Hours & Equivalents	Minimum Score Needed
<b>Humanities</b>		
Introduction to World Religions	REL 301 (3)	48
Ethics in America	PHI 130 (3)	46
<b>Sciences</b>		
Astronomy	AST 130 (3)	50
Environment & Humanity : The Race to Save the Planet Earth	Elective Credit (3)	50
<b>Social Sciences</b>		
Human/Cultural Geography	Elective Credit (3)	50
Lifespan Development Psychology	PSY 280 (3)	50

**Departmental Examinations:** A number of academic departments at Eastern Kentucky University have developed their own examinations for credit as an extension of the CLEP® program. These examinations are similar in nature to the CLEP® exams. EKU does not accept transfer credit coursework given credit through academic department proficiency exams. Enrolled Eastern Kentucky University students interested in attempting to earn credit through departmental examinations should contact the Office of Academic Testing, SSB 327. For information on the exams that are available for challenge, costs, and procedures for registering call (859) 622-1281 or visit [www.testing.eku.edu](http://www.testing.eku.edu).

**International Baccalaureate Credit:** The International Baccalaureate Organization's Diploma Programme was created in 1968. It is a demanding pre-university course of study that leads to examinations. It is designed for highly motivated secondary school students aged 16 to 19. The program has earned a reputation for rigorous assessment, much like the Advanced Placement (AP) Program. For information regarding the IB program, please visit the website at [www.ibo.org](http://www.ibo.org).

IB credit is awarded by earning the required score in a specific subject area. To receive credit the student must furnish the Office of Admissions with an official IB transcript issued directly from the International Baccalaureate Organization. Course credit awarded through the IB program will apply toward degree requirements. There will not be a specific letter grade associated with the credit earned through IB course work. A designation of

CR (credit) will be awarded, and the grade point average will not be affected. Eastern Kentucky University awards credit for IB course work in the following manner:

<b>IB Subject</b>	<b>Level</b>	<b>Minimum Score</b>	<b>Credit Hours</b>	<b>Course</b>
Biology	SL	5	3	BIO 100
Biology	HL	4	4	BIO 121
Chemistry	SL	5	4	CHE 101
Chemistry	HL	4	4	CHE 111/111L
English	SL/HL	4	3	ENG 101
French	SL	5	6	FRE 101, 102
French	HL	5	12	FRE 101, 102, 201, 202
Geography	SL/HL	4	3	GEO 220
German	SL	5	6	GER 101, 102
German	HL	4	12	GER 101, 102, 201, 202
History	SL	4	6	HIS 202, 203
History	HL	4	6	HIS 246, 247
<b>Information</b>				
Technology	SL	4	3	CIS 212 (CSC 104)
Math Studies	SL	5	3	MAT 105
Math Methods	SL	5	3	MAT 107
Mathematics	HL	5	4	MAT 124
Physics	SL/HL	5	3	PHY 101
Psychology	SL/HL	4	3	PSY 200
<b>Social</b>				
Anthropology	SL/HL	4	3	ANT 120
Spanish	SL	5	6	SPA 101, 102
Spanish	HL	5	12	SPA 101, 102, 201, 202

#### **Military Credits**

Students may receive Military Science and Leadership course credit for having completed Basic Training (BT) and Advanced Individual Training (AIT). No more than 32 semester hours, including the eight hours of basic military science, will be awarded. Students must submit a copy of their DD Form-214 (Discharge Verification Certificate) through the Department of Military Science and Leadership (Begley Building, room 524, phone (859) 622-1205) to the Registrar. Students may receive up to nine hours of credit. Note: Basic Training credit does not waive any portion of the General Education Wellness requirements.

Based upon recommendation of the American Council on Education (ACE), EKU will award credit to individuals who have successfully completed military service school courses, as well as award credit for Military Occupational Specialties (MOS's). Submit appropriate paperwork to the Registrar's Office.

Students can have a copy of their ACE transcript sent from their respective service education centers to the Registrar's Office, SSB CPO 58, 521 Lancaster Avenue, Richmond, KY 40475-3158.

- Army veterans can order transcripts online at <http://aarts.army.mil>
- Navy Veterans can order transcripts online at <https://smart.cnet.navy.mil>
- USMC Veterans can order transcripts online at <https://smart.cnet.navy.mil>

Air Force Veterans must request transcripts by letter. Include student's full name (former name if appropriate), date of birth, social security number, service component, current address, Eastern Kentucky University Registrar's address and the student's

signature. Send transcript request to: CAF/RRR, 130 West Maxwell Blvd., Maxwell AFB, AL 36112-6613.

## PREPROFESSIONAL CURRICULA

EKU offers several preprofessional curricula but does not award degrees in preprofessional areas. EKU students with an interest in a preprofessional area should declare a standard degree program as their first major. Any preprofessional curricula will be considered as a secondary program of study. Students declaring a preprofessional intention will be paired with an advisor with expertise in entrance requirements for the designated profession.

Descriptions of the following preprofessional curricula may be found on the pages noted:

Pre-Dentistry	73
Pre-Engineering	71
Pre-Forestry	71
Pre-Law	71
Pre-Medical Science	72
Pre-Optometry	71
Pre-Pharmacy	72
Pre-Veterinary	73, 103

**Three-Two Curricula:** In addition to standard pre-professional curricula, Eastern Kentucky University may approve specially arranged combined curricula. Students approved for these curricula complete the first three years of requirements at EKU. At the end of these three years, they enroll in one of several highly rated professional schools. After the first year of professional study, they transfer the work back in order to secure a Bachelor of Arts or a Bachelor of Science degree from Eastern Kentucky University. This plan may shorten by one year the time needed for obtaining both a baccalaureate and a professional degree.

## STUDY ABROAD CREDIT

### Dual Degree Agreements Between Eastern Kentucky University and Foreign Exchange Institutions

The following policies and procedures shall govern arrangements to award dual degrees to foreign students who attend Eastern Kentucky University and to EKU students who attend foreign exchange institutions under the auspices of exchange agreements or other agreements:

1. The dual bachelor's degree agreement shall be developed by the deans of participating colleges in cooperation with appropriate representatives from foreign exchange institutions and shall be submitted to the Provost for final approval.
2. The deans and department chairs shall determine exactly which courses need to be taken by the foreign candidates to complete the major in each given field of study, and these courses must be specified. Likewise, they shall determine which courses EKU students must take at the foreign institution to complete their EKU degrees.
3. Dual degree agreements will normally require at least one full academic year in residence at the host institution (25% of the total semester hours) and three years at the home institution (75% of the total semester hours). However, other variations may be approved by the deans of the colleges for their

respective colleges.

4. Each institution shall accept all course work from the other either as elective credit or as credit for required courses, based on transfer equivalency evaluations.
5. If dual degrees are awarded concurrently, the program must at a minimum meet SACS, CPE, and the college, departmental, and program requirements for general education, either by taking the general education courses or by transfer credit or by a combination of these means. If the foreign degree is awarded a year or semester in advance, then the candidate will be awarded post-baccalaureate status and the general education requirement will no longer be applicable.
6. A copy of each dual degree agreement approved by the Provost shall be kept on file in the International Education Office, and that office shall also maintain a file of EKU students who are attending foreign exchange institutions under dual degree agreement as well as foreign students who are attending EKU under dual degree agreement.

### Study Abroad Programs

Eastern encourages all students to take advantage of study abroad opportunities. All EKU students planning to participate in a study abroad experience should complete the Course Pre-Approval Form. This form must be completed and endorsed by the EKU International Programs Office before the student is approved to participate in a study abroad program. Students have several options for study abroad at EKU, varying in place, field of study, duration of stay, and cost.

Students may study in English-speaking countries abroad through the Cooperative Center for Study Abroad (CCSA), a consortium of colleges and universities through the US. CCSA offers two-week programs during the winter break and two- and four-week programs in the summer, mid-May through August. Programs are offered in Australia, Belize, England, Ghana, India, Ireland, Jamaica, Scotland and South Africa. CCSA also offers eight-week internships and a full semester program at the University of East Anglia in Norwich, England. The web address for CCSA is [www.ccsa.cc](http://www.ccsa.cc).

The Kentucky Institute for International Study (KIIS), a consortium of Kentucky, Indiana, and Ohio colleges and universities, offers courses in non-English speaking countries. KIIS offers five-week summer programs in Austria, Brazil, Cameroon, China, Costa Rica, Denmark, Ecuador, France, Germany, Greece, Italy, Japan, Mexico, Puerto Rico, Spain and Turkey. Additionally, KIIS offers semester-long programs in France, Germany, Spain and Mexico. The web address for KIIS is [www.kiis.org](http://www.kiis.org).

For students who are interested in additional semester-long study abroad options EKU is affiliated with Arcadia University, AustraLearn, and The School for International Training.

## TRANSFER STUDENT INFORMATION

### Credits Accepted in Transfer

Eastern Kentucky University accepts credits transferred from regionally accredited postsecondary institutions, credits earned by examination from nationally recognized tests that meet EKU standards, and it awards credits for certain types of military experiences. Additionally, EKU will award credit for non-collegiate training experiences provided the training occurred

under a University approved articulation agreement.

International transfer credits from institutions with which Eastern Kentucky University does not have an articulation or exchange agreement are recorded as free elective credits at the lower division level after they have been evaluated by an outside accrediting agency (e.g. World Education Services or Silney and Associates). Students may present supporting documents from transfer courses recorded as free electives to appeal to department chairpersons for departmental credit.

### **Credits for Prior Learning**

Students wishing to demonstrate competence attained through educational experiences other than university instruction, may also attempt to earn academic credit in certain undergraduate courses by completing a portfolio to document prior learning. Students may earn credit through Prior Learning Assessment, for learning from documented life experience employment, homemaking, military experience, company-sponsored training, community service, volunteer activities, independent research, and travel study. There will be a limit to the number of credit hours awarded for prior learning. These credits may be applied toward an undergraduate degree program. All students wishing to pursue Credit for Prior Learning must enroll in GSD 220 Prior Learning Seminar after consulting with their advisor. GSD 220 is designed to help students identify and document learning gained through life experience or employment that will be assessed for possible college level credit.

### **Kentucky General Education Transfer Agreement**

In an effort to promote a seamless transfer between Kentucky two-year and four-year public institutions, the Kentucky Council on Postsecondary Education (CPE) developed a policy to facilitate the transfer of credits from one Kentucky public college or university to another. This policy, implemented in 1996, is called the General Education Transfer Agreement and allows for the automatic transfer of a block of courses to satisfy general education degree requirements, rather than articulating individual courses.

The General Education Transfer Agreement comprises 48 semester hours of lower division general education, which includes a 33-semester-hour *core transfer component* along with 15 additional unspecified hours in general education.

#### **General Education Certification for Students**

**Transferring to EKU from a Kentucky Public Institution:** Students transferring to EKU from another Kentucky public college or university may be (1) *category certified*, or (2) *core certified*, or (3) *general education certified* in general education by the Registrar of the school where the course work was taken.

**Category Certified.** Students who have completed one or more of the five general education categories of the General Education Transfer Agreement will be *category certified*.

**Core Certified.** Students who have satisfied all five general education categories of the General Education Transfer Agreement will be general education *core certified* and receive 33 hours of general education credit at EKU.

**General Education Certified.** Students who have completed a 48-hour general education program at a Kentucky Community and Technical College and School (KCTCS) will be *general education*

*certified* in general education as required by the CPE General Education Transfer Agreement. Students who have earned an AS or AA from a KCTCS institution are also considered to be *general education certified*. Students, however, are subject to any specified general education courses required by the major and, in all cases, are required to complete the minimum number of credit hours established by the University to earn a degree.

Transfer students from Kentucky four-year institutions who complete the general education at their first institution may request the Registrar of that institution to document them as *general education certified* in general education, which EKU will accept. Students who transfer to EKU without a *certified transfer module* will have their course work at their previous institution evaluated by EKU on a course-by-course basis for general education equivalency.

*NOTE: After initial transfer to EKU students may not transfer in further general education certifications unless they earn a subsequent AA or AS degree at a KCTCS institution or LCC. Students may transfer in further general education certifications after their initial enrollment at EKU, only if they return to a KCTCS institution for a period of at least one semester.*

#### **General Education Certification for Students**

**Transferring from EKU to a Kentucky Public Institution:** This General Education Transfer Agreement also applies to students transferring from EKU to another Kentucky public university. EKU students completing this 33-hour module will be general education *core certified*. This module will meet the 33-hour core component of other Kentucky public institutions. EKU students who do not complete the 33-hour program as outlined may also be *category certified* in one or more of the five general education categories listed below. For example, a student completing EKU general education blocks IA, IB and IC will be certified in the communications category of general education at other Kentucky public colleges and universities. A student who completes EKU's 48-hour general education program will be general education *general education certified* at other Kentucky public institutions.

EKU has adopted the following policy to meet the General Education Transfer Agreement standards, which complies with CPE's policy for students wishing to transfer from EKU to another Kentucky public college or university.

The *Core Transfer Component* (33 hours) at EKU is defined according to CPE general education categories below: (See Section Four of this *Catalog* for further information about General Education).

#### Communication (9 semester hours)

1. Written Communication: EKU general education blocks IA and IB (6 hours).
2. Oral Communication: EKU general education block IC (3 hours).

#### Humanities (6 semester hours)

One course from EKU general education block IIIA (3 hours) and one course from block IIIB (3 hours).

#### Behavioral/Social Science (9 semester hours)

One course each from EKU general education blocks VA, VB, and VC (9 hours).

#### Natural Sciences (6 semester hours)

1. Biological/Physical Science: EKU general education blocks IVA or IVB (3 hours). Note that this course must include a laboratory component.
2. Natural Science: EKU general education block VII (NS) (3 hours).

Mathematics (3 semester hours)

EKU general education block II (3 hours).

### **Transfer Credit Evaluation Process**

When an acceptable transfer course, which has never been evaluated before, is presented to EKU for consideration, EKU records the course as acceptable for credit but unevaluated. The Transfer Center contacts the student and requests course descriptions and syllabus information for review. Once that information is received, the Transfer Center forwards the information to the appropriate academic department along with a Transfer Course Evaluation form for their review and consideration. The academic department determines whether an exact equivalency, a subject/discipline elective, or a generic free elective is the appropriate EKU transfer articulation depending on course content and learning objectives. The academic department can also recommend that a course be considered for general education consideration even if an exact equivalency is not awarded. Transfer credit that is recommended for general education consideration, but with no exact equivalency to an EKU course, is forwarded to the General Education Committee for consideration. Students wishing to appeal the evaluation of transfer credit should consult with the staff in the office of the college dean of their first major.

### **Transfer Credits/Courses**

Eastern Kentucky University accepts credit in transfer from other institutions with regional accreditation status. EKU also participates in and subscribes to the principles of the Kentucky Council on Postsecondary Education statewide transfer agreements. EKU accepts credits transferred from all public institutions in Kentucky accredited by SACS and will apply them to the general education and program requirements to the maximum extent specified in these agreements. Credits not identified in these agreements will be applied to degree requirements as deemed appropriate. Lower division courses taken at a community or junior college are accepted in transfer as lower division coursework, even if EKU offers a comparable course at the upper division level.

Eastern Kentucky University will also award credit to students for non-collegiate sponsored instruction and training programs provided an articulation agreement exists between the University and the institutions or organizations providing the instruction. Articulation agreements must be officially approved according to the University policy for such agreements and must be signed by both EKU and the collaborating institutions/organizations. A copy of the signed agreements must be on file in the Office of the Provost (original), the Office of the Registrar, and the Dean's office of the College which initiated the agreement. Articulation agreements must be in place prior to the non-collegiate instruction or training in order for credit to be considered. In all instances, consideration will only be given to those courses/training programs whose content provides competencies equivalent or comparable to courses and educational experiences offered by EKU.

Currently enrolled students who desire to take courses

elsewhere and transfer them back to Eastern Kentucky University should consult with the EKU Transfer Center and also obtain the approval of their college dean prior to enrolling. The University will not take responsibility for courses transferred without prior approval.

Credit and grades earned in transfer are posted to the student's EKU transcript. Students with transfer credit should note that they must successfully complete all their curriculum requirements as well as earn a cumulative and institutional (EKU) GPA of 2.00 in order to graduate with a degree or University certificate from EKU.

Degree-seeking transfer students who have already attained a post-secondary or graduate-level degree will have that earned degree noted in their EKU academic record.

Details of the academic work counting toward a degree earned at another institution will not be posted, course by course, onto the EKU transcript; only the earned degree is recorded from the official transfer school transcript.

## **UNDECLARED STUDENTS**

If students are academically exploring and are not ready to declare a major, they will be enrolled as an undeclared student. A major should be declared as soon as students decide on their field of interest. Students must officially declare a major prior to registration during the semester in which they register for their 45th hour. Until a major is declared, students' curriculum will include general education courses appropriate for most baccalaureate programs. In addition, students will be encouraged to take exploratory electives that will allow them to sample disciplines they may like to select as a major.

## **WITHDRAWAL**

### **Military Withdrawals from the University**

If a student is called to active duty, a Military Withdrawal will be processed with a hundred percent (100%) refund. A copy of the activation papers, along with the request to be withdrawn should be sent to the Registrar's Office, SSB CPO 58, Eastern Kentucky University, 521 Lancaster Avenue, Richmond, Kentucky 40475-3158. The request does not need to be sent prior to leaving. It can be accepted later, but must include a copy of the orders for military activation as documentation. Students who enlist in the military during the semester may not exercise this option.

### **Stopping Out and Returning to EKU**

Students who either stop out\* or officially withdraw\*\* and are academically eligible to return to the University, may return to the University without reapplying if they have been gone for 24 or fewer months. All regular registration deadlines apply to these students, and they should contact their last assigned advisor, or department chair of their major, to schedule an advising appointment. To register for classes, students can log in to their EKU Direct account. Students with a registration hold must contact the office that applied the hold and have the hold removed before they will be able to register.

Students who stop out or are withdrawn for more than 24 months must be formally readmitted to the University by submitting a readmission application to the Office of Admissions. Refer to Section Two of this Catalog for details regarding readmission. The academic record for withdrawn students must be

reactivated before they can once again register for classes.

All students who have attended another college/university since attending Eastern Kentucky University, regardless the length of their absence, must submit college transcripts.

\*A student who completes a semester at Eastern Kentucky University but does not return for the following term is considered to have “stopped out.”

\*\*Students who have received a “W” grade in all classes during a semester are considered to have “withdrawn” from the University.

### **Withdrawing from a Class**

Refer to page 46, Class Schedule Changes.

### **Withdrawing from the University**

Students finding it necessary to withdraw from the University may withdraw from all courses online using EKUDirect during the first four weeks of a regular term. Beginning with the fifth week of the term students must have their instructor’s written permission on the appropriate official withdraw form, and pay a \$50 per credit hour fee to withdraw from a class. Students are not allowed to withdraw from a course or from the University after the tenth week of a regular term. A grade of “W” is assigned for each withdrawn class. Students who leave the University without an official withdrawal are subject to the grade of “F.”

After the tenth week, a student who is the victim of extraordinary circumstances may petition to the Late Withdrawal Appeal Committee through the Registrar’s Office. The deadline for filing a petition for withdrawal under extraordinary circumstances is the last day of the full semester following the term from which the student is seeking withdrawal. The student must complete a Withdrawal Petition Form and should include *justification and documentation* for the withdrawal. If approved, the Registrar will assign grades of “W” and will notify the instructors of the class. For forms and more details, refer to the Registrar’s website ([www.registrar.eku.edu](http://www.registrar.eku.edu)). The Late Withdrawal Appeals Committee is not authorized to consider any appeals of the \$50 per credit hour course withdraw fee.

### **Dining Services Refund for Students Withdrawing from the University:**

1. For Colonel Card dollars, a refund of the full remaining account balance (greater than \$10) will be made. If there is a balance due to the University these monies will be applied to that account.
2. For Meal Memberships, a pro-rated refund proportional to the time remaining in the semester will be given. Refunds will only be given to students who are officially withdrawing from the University. Optional flex dollars are non-refundable.

For Colonel Card dollars refund, please send or fax a request to: Dining Accounts Office, Attention: Karen Peavler, 17 Powell Building, Richmond, KY 40475; fax (859) 622-6226.

For Meal Memberships, you will automatically be refunded as of the date you officially withdraw from the University.

### **Housing Refund for Students Withdrawing from the**

**University:** For Housing refunds, a pro-rata refund proportional to the time remaining in the semester will be made. The procedure is that a copy of the activation papers along with a copy of the request to be withdrawn should be sent to The Director of Housing, SSB CPO 51, Eastern Kentucky University, 521 Lancaster Avenue, Richmond, Kentucky 40475-3151.

# SECTION FIVE

## Academic Divisions



# Academic Programs

Eastern Kentucky University offers the following programs which are registered with the Kentucky Council on Postsecondary Education. Many of these programs include approved options designed to provide a background tailored for students' individual needs. At the undergraduate level, these options are presented with the program descriptions in this *Catalog*. Options at the graduate level are found in the *Graduate Catalog*. Eastern Kentucky University cooperates with the University of Kentucky in offering joint doctoral programs.

## MAJORS

## DEGREES

Accounting.....	BBA	Finance.....	BBA
Agriculture.....	BS	Fire, Arson, and Explosion Investigation.....	BS
Animal Studies.....	BS	Fire Protection Administration.....	BS
Anthropology.....	BA	Fire, Protection, and Safety Engineering Technology.....	BS
Apparel Design and Merchandising.....	BS	Forensic Science.....	BS
Art.....	BA, BFA	French.....	BA
Art, Teaching (See Art B.A.).....	BA	French (Teaching).....	BA
Assets Protection and Security.....	BS	General Business.....	BBA
Athletic Training.....	BS	General Psychology.....	MS
Aviation.....	BS	General Studies.....	AGS, BA
Biology.....	BS, MS	Geography.....	BA
Biology (Teaching).....	BS	Geology.....	BS, MS
Broadcasting and Electronic Media.....	BA	Globalization and International Affairs.....	BA
Business Administration.....	MBA	Graphic Communications Management.....	BS
Business and Marketing Education/Teaching.....	BS	Health Education.....	BS
Career and Technical Education.....	AAS, BS, MS	Health Education (Teaching).....	BS
Chemistry.....	BA, BS, MS	Health Services Administration.....	BS
Child and Family Studies.....	BS	History.....	BA, MA
Clinical Laboratory Technology/Science.....	AAS, BS	History (Teaching).....	BA
Clinical Psychology.....	MS	Homeland Security.....	BS
Communication Disorders.....	BS, MA in Ed	Horticulture.....	BS
Communication Studies.....	BA	Human Services.....	MA
Community Nutrition.....	MS	Individualized Studies.....	BIS
Comparative Humanities.....	BS	Industrial Technology.....	BS, MS
Computer Information Systems.....	BBA	Instructional Leadership.....	MA in Ed
Computer Science.....	BS	Insurance.....	BBA
Computer Science, Applied.....	MS	Interpreter Training Program.....	BS
Construction Management.....	BS	Joint Doctoral in Biology, General*.....	PhD
Correctional and Juvenile Justice Studies.....	BS, MS	Joint Doctoral in Educational Policy Studies and Evaluation*.....	EdD
Creative Writing.....	MFA	Joint Doctoral in Educational Psychology*.....	EdD
Criminal Justice.....	BS, MS	Joint Doctoral in Geology*.....	PhD
Deaf and Hard of Hearing.....	BS	Joint Doctoral in Health, Physical Education, and Recreation*.....	EdD
Dietetics, General.....	BS	Joint Doctoral Program in Rehabilitation Sciences.....	EdD
Early Childhood Development.....	AAS	Joint Doctoral in Instruction and Supervision*.....	EdD
Earth Science/Teaching.....	BS	Joint Doctoral in Special Education*.....	EdD
Economics.....	BA	Journalism.....	BA
Educational Leadership.....	MAEd	Leadership and Policy Studies.....	EdD
Elementary Education (P-5) (Teaching).....	BS, MA in Ed	Library Science.....	MA in Ed
Emergency Medical Care.....	BS	Management.....	BBA
English.....	BA, MA	Marketing.....	BBA
English (Teaching).....	BA	Master of Arts in Teaching (Elementary, Middle Grade, Secondary).....	MAT
Environmental Health Science.....	BS	Mathematical Sciences.....	MS
Environmental Studies.....	BS	Mathematics.....	BS
Family and Consumer Sciences Education.....	BS	Mathematics (Teaching).....	BS
		Mental Health Counseling.....	MA
		Middle Grade Education (5-9) (Teaching).....	BS, MA in Ed
		Military Science.....	Commission
		Music.....	BM, MM
		Music, Teaching (See Music B.M.).....	BM in Music
			Ed
		Network Security and Electronics.....	BS

## ACADEMIC PROGRAMS

Nursing.....	ASN, BSN, MSN, DNP
Occupational Safety.....	BS
Occupational Science.....	BS
Occupational Therapy.....	MS
Office Systems/Technologies.....	AAS
Paralegal Studies/Science.....	AAS, BA
Paramedicine.....	ASP
Philosophy.....	BA
Physical Education.....	BS, MS
Physical Education (Teaching).....	BS
Physics.....	BS
Physics (Teaching).....	BS
Police Studies.....	AA, BS
Political Science.....	BA
Pre-Dental Hygiene.....	(Transfer Program)
Pre-Engineering.....	(Transfer Program)
Pre-Forestry.....	(Transfer Program)
Pre-Medical Sciences.....	(Transfer Program)
Pre-Optometry.....	(Transfer Program)
Pre-Pharmacy.....	(Transfer Program)
Pre-Physical Therapy.....	(Transfer Program)
Pre-Physician Assistant.....	(Transfer Program)
Pre-Veterinary Medicine.....	(Transfer Program)
Psychology.....	BS
Public Administration.....	MPA
Public Health.....	MPH
Public Relations.....	BA
Recreation and Park Administration.....	BS, MS
Safety, Security & Emergency Management.....	MS
School Counseling.....	MA in Ed
School Psychology.....	PsyS
Science for Engineering.....	AAS
Secondary Education (20 Discipline Options).....	MA in Ed
Social Work.....	BSW
Sociology.....	BA
Spanish.....	BA
Spanish (Teaching).....	BA
Special Education (5 options).....	BS, MA in Ed
Statistics.....	BS
Technical Agriculture.....	AAS
Technology.....	AAS
Wildlife Management.....	BS

*\*Degree awarded by University of Kentucky*

## MINORS

Eastern Kentucky University offers minors in a number of fields. Certain minors are restricted as teaching or nonteaching. Consult the index for the location of requirements for individual minors. The following minors are offered, some offering options or areas of specialization.

Actuarial Science  
Advertising  
Aerospace Studies  
African/African-American Studies

Agriculture  
American Sign Language (ASL) Studies  
Anthropology  
Appalachian Studies  
Apparel Design and Merchandising  
Archaeology  
Art History  
Art, Studio  
Art, Teaching  
Assets Protection Management  
Aviation Administration  
Aviation Flight  
Biology  
Biology, Teaching  
Broadcast News  
Broadcasting and Electronic Media  
Business  
Canadian Studies  
Chemistry  
Chemistry, Teaching  
Child and Family Studies  
Coaching  
Communication Studies  
Community Health Education (Non-Teaching)  
Computer Electronic Publishing  
Computer Electronics Technology  
Computer Information Systems  
Computer Science  
Construction Management  
Correctional and Juvenile Justice Studies  
Criminal Justice  
Dance (Non-Teaching)  
Dance Certification, Teaching  
Design and Merchandising  
Deviance/Criminology  
Dispute Resolution  
Earth Science, Teaching  
Economics  
Emergency Management  
Emergency Medical Care  
English  
English, Teaching  
Environmental Health Science  
Family and Consumer Sciences  
Foodservice Administration  
French  
Geographic Information Systems  
Geography  
Geology  
Gerontology  
History  
Homeland Security  
Horticulture  
Humanities  
Industrial Technology  
Insurance and Risk Management  
Interactive Media  
International Studies  
Journalism  
Managerial Communication  
Mathematical Sciences  
Mathematics  
Mathematics, Teaching  
Military Leadership  
Music  
Nutrition  
Office Administration  
Paralegal Studies  
Personal Finance  
Philosophy  
Physical Education (Non-Teaching)  
Physics

Physics, Teaching  
 Police Studies  
 Political Science  
 Psychology  
 Public Administration  
 Public Relations  
 Quality Assurance Technology  
 Recreation and Park Administration (Non-Teaching)  
 Religion  
 School Health P-12 (Teaching)  
 Social Inequalities  
 Social Institutions and Social Change  
 Social Justice  
 Social Welfare  
 Sociology  
 Soils  
 Spanish  
 Special Education  
 Statistics  
 Theatre Arts  
 Theatre Arts, Teaching  
 Traffic Safety (Non-Teaching)  
 Visual Media  
 Women and Gender Studies

### **EKU UNDERGRADUATE CERTIFICATES AND PROFESSIONAL CERTIFICATION/ENDORSEMENT PROGRAMS**

**1. EKU Departmental Level Certificates** — These certificates are awarded by the individual academic department, not the University.

- Advanced Emergency Medical Care
- African/African-American Studies
- Basic Emergency Medical Technician
- Financial Literacy
- French Conversation and Culture
- German Conversation and Culture
- Japanese Conversation and Culture
- Spanish
- Women and Gender Studies

**2. EKU University Level Certificates** — These certificates are awarded by the University, and students receive a formal certificate produced in the same manner as a degree diploma. Students completing these programs must apply for graduation and are assessed a graduation fee. Students earning only certificates do not receive caps and gowns and do not participate in the commencement ceremony. The university graduation fee partially offsets the production and mailing of diplomas and certificates. The University absorbs cap and gown costs for degree earners. Application deadlines for completing university certificates follow the same time line as degree graduation.

- Accounting\*
- Autism Spectrum Disorders
- Correctional Intervention Strategies
- Emergency Management
- Fire and Safety Engineering Technology
- Homeland Security
- Paralegal Science\*
- Youth Services

**3. Professional Certification and Endorsement Programs** — These are programs of study which do not lead to a degree or to an ECU awarded recognition but instead prepare the student, upon recommendation from ECU, for professional endorsement or certification by the Commonwealth of Kentucky Education Professional Standards Board.

- Agriculture Education Teaching
- Career and Technical Education
- Career and Technical School Principal
- Dance (Minor in Dance Certification - Teaching)
- Driver Education (teaching certification endorsement)
- Geographic Information Systems
- Instructional Computer Technology (teaching certification endorsement)
- School Safety Endorsement
- Teaching English as a Second Language (teaching certification endorsement)

\*Post-Bacc. Acceptance into this program requires that the student has already earned a baccalaureate degree. For more details, see the relevant department's sections of this *Catalog* or contact the department offering the certificate.

Note: This list may not be all-inclusive. For a comprehensive list of ECU certifications concerning teaching, please see the College of Education.

# The Office of Academic Affairs

**Dr. Janna Vice, University Provost and Vice President**

**Academic Affairs**

**Coates 111**

**(859) 622-8812**

[www.academicaffairs.eku.edu](http://www.academicaffairs.eku.edu)

## OFFICE OF THE PROVOST & VP FOR ACADEMIC AFFAIRS

The Provost and Vice President for Academic Affairs serves as the chief academic officer of the University. The Provost and Vice President is responsible to the President for the coordination of all phases of the instructional program and institutional research. In addition, the Provost and Vice President for Academic Affairs supervises the preparation of position specifications for instructional staff and administrative personnel connected with instructional activities; makes recommendations to the President concerning staffing needs and appointments, promotions, or dismissals for all instructional personnel and administrative personnel related to instruction; and, as the person responsible for the coordination and development of all academic programs, serves as chair of the Council on Academic Affairs.

### Academic Readiness and Testing

Kathy Williams, Interim Director

(859) 622-8860

The Office of Academic Readiness and Testing plans, implements and supports programs and services for students transitioning from high school or the workplace to the University. Offices include Developmental Education, College Readiness, Academic Testing, Academic Skills, and *First Step to College Success*. The unit provides program coordination and transition and testing services that support the goals of current and potential students, as well as the University community. Services allow students to build needed skills and/or demonstrate knowledge base for admission to the University or University programs. The unit also provides assessment to ensure appropriate course placement to maximize student success.

- Developmental Education and College Readiness helps students achieve academic success by developing or enhancing skill level proficiencies. The program provides opportunities for skill development through courses and programs designed to improve essential skills in writing, reading and mathematics. Additional information about Developmental Education and College Readiness may be found at [www.developmentaleducation.eku.edu](http://www.developmentaleducation.eku.edu).
- Academic Testing is responsible for the coordination, administration, and planning of academic assessments that are requested by the University and educational community.

The types of testing provided by the office include national tests, state assessments, and locally developed exams. Special need accommodations are available upon request. Additional information about Academic Testing may be found at [www.testing.eku.edu](http://www.testing.eku.edu).

- College Readiness and Academic Skills programs and services transition students to the University. Programs and services include the *First Step to College Success* program, and advising for Special Admissions students. Additional information about these programs and services may be found at [www.developmentaleducation.eku.edu/firststep/](http://www.developmentaleducation.eku.edu/firststep/) and [www.academicskills.eku.edu/](http://www.academicskills.eku.edu/)

### Bratzke Student-Athlete Academic Success Center

Dr. Randy Kennedy

Director

(859) 622-6648

The Bratzke Student-Athlete Academic Success Center is an academic support program for all student-athletes competing on NCAA varsity teams on EKU's campus. The Center provides opportunities and services to enhance the student-athlete's academic performance as well as monitoring progress to ensure all student-athletes meet their academic eligibility requirements as determined by the NCAA. These programs include academic monitoring, peer mentoring, academic advising, supervised studying and tutoring, and personal counseling, as well as referral to other academic support programs on campus. Each student-athlete's academic progress is monitored closely, throughout their EKU enrollment, to aid in their being able to graduate with the highest grade point average possible, as well as to maintain their NCAA academic eligibility.

**Registrar**

Ms. Tina Davis  
University Registrar  
(859) 622-2320

The Office of the Registrar serves and supports students and faculty, as well as the larger campus community. The primary responsibilities of the Registrar include: upholding the University Catalog with fairness and consistency, serving as the custodian of student academic records, being a primary academic and student support unit, and functioning as a compliance specialist for federal and state regulations. The Registrar's Office assists students, prepares the schedule of classes, manages the enrollment of all students, and is charged with the maintenance, security and integrity of student and University academic records, including student transcripts.

The Registrar's Office also administers the minimum scholastic standards of the University, posts transfer credit, oversees degree audit services, monitors and safeguards academic data integrity, determines NCAA student-athlete academic eligibility, coordinates commencement exercises, degree confirmation and the production and delivery of diplomas, and oversees the scheduling of academic space.

For additional information and a more detailed listing of services, please review the Registrar's Office website at [www.registrar.uky.edu](http://www.registrar.uky.edu). For registration assistance email: [registration@uky.edu](mailto:registration@uky.edu).

**University Advising Office**

Mr. Benton Shirey  
Director  
(859) 622-2264

The University Advising Office is dedicated to promoting academic success by collaborating with students, faculty and staff to create meaningful academic plans using DegreeWorks. All Eastern Kentucky University undergraduate students are assigned an Academic Advisor, with most advisors being assigned through this office. The University Advising Office also assists students in selection of a major by providing year-round academic advising and student support in collaboration with the Counseling Center and the office of Career Services to assist students in clarifying their educational, career and life goals. Selected departmental faculty and college staff serve as advisors to students with declared majors; staff advisors in the University Advising Office serve as advisors for exploratory and developmental students.

The University Advising Office cooperates with many different offices across campus to serve students. In conjunction with the Office of First Year Programs and the Registrar's Office, the University Advising Office coordinates advising resources for the Summer Orientation Program. Over 2,500 freshmen and transfer students are advised and registered each summer through this program. In addition, this Office offers many resources to aid students, faculty and staff, such as:

- Provides academic planning and advising to at-risk and exploratory students and students experiencing academic difficulty
- Provides Early Alert Program for students.
- Collaborates with Career Services to facilitate the major exploration process
- Sponsors the Fall and Spring Majors' Expos
- Assists with academic recovery for students

- Coordinates campus-wide advising functions through Eastern Academic Retention Network (EARN) meetings and the Undergraduate Advising Committee
- Assists in withdrawal process for students
- Provides advising tools and refers students to appropriate campus resources

Academic advising is a decision-making process by which the sharing of information between student and advisor promotes responsible and appropriate choices and facilitates a successful academic experience.

For more information visit us at: [www.advising.uky.edu](http://www.advising.uky.edu) or call us at (859) 622-2276.

**OFFICE OF UNIVERSITY PROGRAMS**

Dr. Sarah Zeigler  
Interim Dean  
University Programs  
Keen Johnson 201  
(859) 622-2222

“Passport to the Future”

The mission of University Programs is to provide and support university-wide interdisciplinary academic programs that promote student success through a liberal educational experience.

University Programs houses the following programs:

**Multi-Disciplinary Education**

- African/African-American Studies
- Appalachian Studies
- Women and Gender Studies

**Experiential Learning/Community Engagement**

- Cooperative Education
- Service-Learning
- Regional Stewardship

**International Programs**

- International Education
- English Language Instruction Program (EELI)
- Study Abroad

**Foundations in Liberal Education**

- General Education
- Courses in the first year (Career Counseling and Interpersonal Effectiveness (GSD), Student Development (GSD), and Orientation (GSO)
- Thinking and Communicating Across the Curriculum (TCAC)
- Quality Enhancement Programs (QEP)
- Baccalaureate Degree in General and Individual Studies

**Faculty/Staff Development**

- The Teaching & Learning Center
- Chautauqua Lecture Series
- The Noel Studio for Academic Creativity

**Trio Programs**

- Educational Talent Search
- Roger’s Explorers
- Upward Bound

**Multi-Disciplinary Education**

**African/African-American Studies**

Dr. Salome C. Nnoromele  
 Director  
 (859) 622-8676

African/African-American Studies is an undergraduate interdisciplinary program that explores the histories, societies, and cultures of Africans and people of African descent in the Americas. Courses will be offered from a broad range of disciplines, including the arts and humanities (English, History, Music, Philosophy and Religion), social sciences (Political Science, Economics, Geography, Foreign Languages, Sociology, Psychology, Criminology), and health sciences (Environmental Health, Nursing).

**Minor**

**Minor In African/African-American Studies**

A student may complete a minor in African/African-American Studies by taking 18 hours as indicated below.

- Core Requirements.....6 hours**  
 AFA 201 or 201W, 202.
- Electives .....12 hours**  
 Twelve hours from the following courses:  
 AFA 225, 304, 305, 345, 346, 347, 349, 360, 361, 367, 372S, 378, 385, 386, 388, 435, 495; CDF 424; SOC 400.
- Total Curriculum Requirements.....18 hours**

**Certificate**

**Certificate in African/African-American Studies**

A student may complete a certificate in African/African-American Studies by taking 12 hours as indicated below.

- Core requirements.....6 hours**  
 AFA 201 or 201W, 202.
- Electives.....6 hours**  
 Six hours from the following courses:  
 AFA 225, 304, 305, 345, 346, 347, 349, 360, 361, 367, 372S, 378, 385, 386, 388, 435, 495; CDF 424; SOC 400.
- Total Curriculum Requirements.....12 hours**

**Center for Appalachian Studies**

Dr. Alan Banks  
 Director  
 (859) 622-1622

The Center for Appalachian Studies at Eastern Kentucky University was created in 2000 to coordinate and promote a multi-disciplinary approach toward teaching, research and service

on issues pertaining to Appalachia. The Center brings together a diverse group of teachers/scholars primarily from the social sciences and humanities, but also from art, biology, environmental studies, social work and health sciences. Utilizing their wide-ranging talent, the Center endeavors to link the human and technical resources of EKU with the teaching, service and research needs of the students and communities we serve.

**Minor In Appalachian Studies**

Students must select a group of courses tailored to their personal and academic goals in consultation with the Director of the Center for Appalachian Studies. The minor in Appalachian Studies requires a minimum of 18 credit hours of approved courses as follows:

- \* Fifteen (15) hours of electives from at least three different programs.
- \* Seminar in Appalachian Studies (3 credit hours).

Students may also select content relevant special topics or independent studies courses with the approval of the Director of the Center for Appalachian Studies.

The following courses have been approved by the Appalachian Studies Advisory Board.

APP 200.....	Introduction to Appalachia
APP 340 .....	Environmental Economics
APP 350.....	Special Topics: Appalachia
APP 363.....	Images of Appalachia in Film & Song
APP 365.....	Appalachian Literature
APP 366.....	Social Change in Appalachia
APP 370.....	Religion in Appalachia
APP 373.....	Politics of Development in Appalachia
APP 420.....	Appalachia in American History
APP 430.....	Sustainability in Appalachia
APP 460.....	Seminar in Appalachian Studies
APP 490.....	Independent Study
APP 520.....	Providing Health Services in Appalachia

**Women and Gender Studies**

Ms. Marta Miranda  
 Director  
 (859) 622-2913

The EKU Women and Gender Studies Program (WGS) is a multidisciplinary program offering both a minor and a certificate in Women and Gender Studies. WGS acquaints students with the growing research on women and gender studies. WGS courses address the intersections of gender, race, class, sexualities and abilities and promote active learning and social engagement. Encouraging students to analyze competing perspectives allows the integration of knowledge across traditional academic boundaries. Students learn to identify and analyze gender-based assumptions and biases and to recognize their consequences on individual, social and cultural levels.

**Minor in Women and Gender Studies**

A student may complete an Interdisciplinary Women and Gender Studies minor by taking 18 hours as indicated below.

- Core Requirements.....6 hours**  
 WGS 201, 400.

**Electives.....12 hours**

Twelve hours from the following courses: CMS 400; CSC 490 (Topic: Seminar in Computer Science: Women and Technology), ENG 550 (Topic: Scribbling Women), HIS 300A-C (Topics relating to women and gender); HON 312 (Topic: Culture and Child Development), 316 (Topic: Biology and Gender); NAT 310 (Topic: Women and Science); PHI 390 (Topics: Platonic Perspectives; Existentialism and Postmodernism); WGS 132, 232, 300, 301, 302, 303, 304, 305, 310, 331, 345, 349, 378, 399, 420, 446, 451, 495, 591, 592.

**Total Curriculum Requirements.....18 hours****Certificate**

A student may complete an Interdisciplinary Women and Gender Studies certificate by taking 12 hours as indicated below:

**Core Requirements.....6 hours**  
WGS 201, 400.**Electives.....6 hours**

Twelve hours from the following courses: CMS 400; CSC 490 (Topic: Seminar in Computer Science: Women and Technology), ENG 550 (Topic: Scribbling Women), HIS 300A-C (Topics relating to women and gender); HON 312 (Topic: Culture and Child Development), 316 (Topic: Biology and Gender); NAT 310 (Topic: Women and Science); PHI 390 (Topics: Platonic Perspectives; Existentialism and Postmodernism); WGS 132, 232, 300, 301, 302, 303, 304, 305, 310, 331, 345, 349, 378, 399, 420, 446, 451, 495, 591, 592.

**Total Curriculum Requirements.....12 hours**

NOTE: The topics listed for ENG 550, HIS 300A-C, HON 312, HON 316, NAT 310, and PHI 390 are examples of specific classes approved for the Women and Gender Studies minor and certificate. Other topics may be approved for the minor as they are offered. Average GPA of courses applied to the minor must be 2.25 or better.

**Cooperative Education/Internships**  
**(Applied Learning)**

Ms. Gladys Johnson  
Director  
(859) 622-1296

Cooperative Education/Applied Learning provides the student with an opportunity to blend theory with practice resulting in a balanced education. Learning within the classroom is combined with practical on-the-job training in business, industry, and/or government.

Eligibility to participate in cooperative education/applied learning is determined by the faculty coordinator in the department of the student's major. Prior to enrolling in cooperative education/applied learning, students should normally have completed 30 credit hours. Transfer students should have completed one semester at EKU before applying for cooperative education. All students must have at least a 2.0 grade point average when applying for cooperative education, however, this may vary depending on the departmental requirements.

Acceptance of a co-op/applied learning position for academic credit is contingent upon a suitable training plan through an

agreement with the employer. The co-op salary for each position must fall within State and Federal wage guidelines.

The amount of credit a student may earn is determined by the academic college or department involved. The University requires a minimum of 80 hours of employment for each semester hour of academic credit, but all students must work to the end of the semester (Co-op is typically 16 weeks for spring and fall semesters and 12 weeks in the summer: Applied Learning semester has more flexibility, but must be pre-approved).

Academic credit will be awarded for cooperative education/applied learning only when the student is enrolled in the University and in the cooperative education program. A maximum of eight semester hours may be applied toward meeting graduation requirements for the associate degree, and a total of sixteen hours toward the bachelor's degree. Students may register for additional hours of cooperative education/applied learning beyond these limits and those specified in each course description. However, students will then fall into a repeat cycle where the last course taken replaces the former course so that no more than the limit noted may be counted toward a degree program, minor, or certificate. Cooperative education/applied learning credit for students pursuing a second undergraduate degree will be determined by the academic department. Total credit hours for a graduate degree are determined by the department involved.

The student will be assigned a supervisor by the employer to provide direction and coordination on the job. The supervisor will also be responsible for providing periodic and final evaluation reports on the student and forwarding this information to the co-op director. Copies of these reports will be forwarded to the faculty coordinator.

Although the supervisor will appraise the performance of each student, the grade will be assigned by the department in accordance with established criteria and through a comprehensive evaluation.

To maximize the benefit to the student, it is assumed that the employer will make every attempt to provide the student with a broad exposure to experiences related to the student's career goals and the nature of the training site. The student should, however, realize that he/she is a full-time or part-time productive employee. The participating employer, the student, and the University will each sign a letter of agreement spelling out the duties of the student.

The majority of EKU co-op students utilize the parallel plan allowing students to work part-time for multiple semesters (three or more semesters) while maintaining a full-time course load. However, some co-op students may also be employed full-time, alternating classroom training with work-based training for a period of two or more semesters, following the employer's schedule. In addition, students may work full-time during the summer semester (twelve weeks), but must also work in their co-op position during the fall and/or spring semesters. Special plans may also be developed to meet the needs of the student and employer. The student will in most instances return to the same location for each cooperative education experience. A student may however, occasionally be allowed to work for several employers in varying situations as long as the work experience is related to the student's career goals and those of the program.

A student participating in the Applied Learning program must meet the same standards of the Co-op Program; however, students in this program may work one semester; work in a non-paid assignment; or in an assignment that does not meet the Cooperative Education multiple term or length requirements.

**Service Learning**

Courses that have been officially recognized as including service-learning within their curriculum are designated with the letter “S” following the course prefix and number. Service-learning is defined as:

An academic experiential educational method in which students participate in an organized service activity that meets identified community needs and reflects on the service activity in such a way as to:

- gain further understanding of course content,
- develop critical thinking skills, and
- develop an enhanced sense of civic responsibility.

Students will be required to participate in at least 5 hours of community service per credit hour of course credit.

Eastern Kentucky University is also a member of Kentucky Campus Compact, which advances the public purposes of colleges and universities by deepening their ability to improve community life and to educate students for civic and social responsibility.

**Regional Stewardship**

Sara Zeigler, Interim Dean  
 Karrie Adkins, Program Specialist  
 (859)622-6168

EKU’s Office of Regional Stewardship seeks to support and advance community engagement on an institution-wide basis while addressing community-articulated needs throughout EKU’s 22-county service region. The goal of the Office of Regional Stewardship is to identify community and regional needs in five areas:

- Economic, including workforce, development
- Education
- Environment
- Collaborative government
- Health, wellness, and safety

In addition to identifying service region needs, the Office of Regional Stewardship coordinates the identification and utilization of community, regional, and university resources to serve those needs. By “connecting the dots” the Office Regional Stewardship assists in relationship building and reciprocal engagement between the institution and the region and communities that EKU serves and, in doing so, facilitates service, applied learning and applied scholarship opportunities for EKU faculty and staff while also enhancing student learning.

**International Programs**

Dr. Neil Wright  
 Director  
 (859) 622-1654

There is a growing awareness of the need for greater international and inter-cultural understanding. The University provides assistance to international students and visitors and attempts to foster a greater commitment and involvement in international education throughout the institution.

Eastern Kentucky University has approximately 200 international students studying at both the undergraduate and graduate levels. These students represent approximately 50 nations.

The Coordinator of International Services serves as designated University official to assist all international students with their legal requirements and their relations with the U.S. Bureau of Citizenship and Immigration Services and other official agencies. The Coordinator also advises and assists international students with other needs as they arise. The Director of International Education facilitates international ventures and exchanges across the curriculum and directs arrangements for visiting faculty, scholars, researchers, and specialists from other countries. The Director of ESL maintains the Eastern Kentucky University English Language Instruction program (EELI), a pre-college course in English as a Second Language.

Some inter-cultural activities and services provided by the Division of International Education include an orientation for new students, international dinners, international students’ organizations and an International Speakers’ Bureau. The Division also awards scholarships to international students each semester.

*International Education*

**Minor In International Studies**

Globalization of the economy, cross-cultural relations, world-wide media, ecological crises, and political transformations are all making international studies more important in this rapidly changing world. As such, the international studies minor encourages students to begin thinking and acting within a global perspective, in order to meet these current challenges. Courses in the minor deal with topics as diverse as the relations of the United States with other countries, international economics, and cultures and religions of Latin America or Asia.

The minor consists of 21 credit hours across a number of disciplines, providing a broad-based, general exposure to international issues through a solid set of three core courses. A commitment to foreign language and/or international experience is an integral part of the minor. A wide range of electives rounds off the minor.

**Core Courses.....9 hours**  
 GEO 100, HIS 347, POL 220.

**Study Abroad or Foreign Language.....6 hours**  
 Six credit hours from either a Study Abroad course (through Eastern Kentucky University or another accredited university, with credit transferred back to EKU), or six credit hours of foreign language at or above the 200 level. Students may split this requirement by taking 3 credit hours of Study Abroad and 3 credit hours of a foreign language at or above the 200 level.

**Electives.....6 hours**  
 Six credit hours from among the following courses (Note: many of these courses, including all College of Business upper division courses have prerequisites): ANT 250, CMS 375, COM 300, COM 345 or ENG 345, ECO 394, 395, EME 530, FCC 220, 222, 226, 227, FIN 330, 455, GBU 201, GEO 202, 205, 302, 322, 347, HIS 320, 350, 365, 375, 378, 384, 474, 475, HUM 300, 350, 360, MGT 430, MKT 400, PHI 330, POL 310, 312, 313, 315, 316, 325, 327, 410, 417, 495, REL 301, 335, 340, 345, 355.



**English Language Instruction Program (EELI)**

Ms. Laura Earles  
Program Coordinator  
(859) 622-6370

The EELI Program is an Intensive English Program designed to offer instruction in the English language and American culture in order to assist students in their goal of ECU admission. We strive to share the cultural richness of the program with ECU students and Kentucky residents in the hopes of raising global awareness, diversity appreciation, and tolerance to enhance educational programs university-wide.

**Study Abroad**

Ms. Michele Gore  
Coordinator  
(859) 622-1705

Students have several options for study abroad at ECU. Courses offered in these programs vary widely, including language and culture, business and technology, literature and the arts, science and social science, philosophy and religion, and many others. Costs vary according to program.

Students may study in English-speaking countries abroad through the Cooperative Center for Study Abroad (CCSA), a consortium of twenty-four colleges and universities from Alabama, Indiana, Kentucky, Mississippi, Ohio, Oregon, Pennsylvania, South Dakota, and Tennessee. During the winter break, CCSA offers courses in London, Dublin, South Africa, India, and Australia; during the summer, mid-May through early August, two to four week programs are offered in Ireland, Scotland, England, Australia, Ghana, Belize, and Hong Kong. Students can opt to study for a full semester at the University of East Anglia, in Norwich, England, through CCSA. Other than for the semester program, students in CCSA programs enroll and earn credit through Eastern Kentucky University.

The Kentucky Institute for International Study (KIIS), a consortium of twenty-one colleges and universities in Kentucky, Indiana and Tennessee, has programs in non-English-speaking countries. KIIS offers programs in Argentina, Austria, Costa Rica, Ecuador, France, Germany, Greece, Italy, Japan, Mexico, Spain and Turkey. Additionally, semester-long programs in Spain, Germany, France, and Mexico are offered. Credit for KIIS courses is transferred back to ECU from Murray State University.

ECU also is affiliated with Arcadia University Center for Education Abroad, AustraLearn, Global Learning Semesters, and The School for International Training, which offer students semester-long study abroad experiences.

Students may also opt to study abroad through exchange programs. ECU has one-year exchange programs with Liaoning University of Technology in Jinzhou, China; Yamanashi University in Kofu, Japan; Hogeschool Avans in the Netherlands; and Daegu Haany University in Daegu, South Korea. Additionally, ECU belongs to the Magellan Exchange, which offers students, primarily in Business and Technology, opportunities to study abroad for one semester or one year at ten universities in Europe and Mexico. Instruction for exchange students at these institutions is in English unless the student opts to take courses in the language of the host institution. Students must complete an ECU study abroad course pre-approval form to ensure transfer of course credit.

For information on any study abroad program, contact the Coordinator of Study Abroad in the International Education Office or go to the ECU International Education website.

**Foundations in Liberal Education**

*General Education*  
Dr. Rose Perrine  
Director  
(859) 622-2378

The mission of the General Education program is to promote learning that is central to the intellectual pursuits associated with our educational programs and to enable students to make informed choices about matters of public and personal significance in a diverse, democratic society and global community. The general education program helps students to become informed, independent thinkers by developing competencies in communication, quantitative analysis, and critical thinking by helping them understand and appreciate the diversity of culture, individuals, the natural environment, and the global society. See Section Four of this Catalog for detailed information on courses.

**Academic Orientation Courses**

Ms. Erin Barnett  
Coordinator  
(859) 622-2994

An Academic Orientation course is required of all first-time entering students and new transfer students with less than 30 credit hours earned during the first semester of enrollment. The purpose of the Academic Orientation course is to form a solid foundation for a student's academic experience. These courses provide a firm foundation in the structure and functions of the university, how to succeed in college, how to choose and/or succeed in a major, how to make the most of the academic curriculum, and how to think critically and solve problems. This requirement can be fulfilled by enrolling in a 1 to 3 credit orientation course.

**Thinking and Communicating Across the Curriculum (TCAC)**

Dr. Ginni Fair  
Director  
(859) 622-2927

The TCAC program (Thinking and Communicating Across the Curriculum), a QEP initiative, supports the development and implementation of writing intensive courses that will help students think more deeply and communicate more effectively. All students seeking a baccalaureate degree must complete 3 credit hours of a Writing Intensive course in general education or in their major. Courses that have been approved as Writing Intensive will be designated, in the Course Catalog, with the letter "W" following the course prefix and number. For further clarification please see General Education requirements.

**Quality Enhancement Programs**

**(OEP)**  
Ms. Kate Williams  
Director  
(859) 622-6765

The Office of Quality Enhancement Programs facilitates the ECU Quality Enhancement Plan to develop students who are *informed, critical and creative thinkers who communicate*

effectively. This includes campus-wide initiatives to improve critical and creative thinking and communication skills of students in and out of the classroom. This focus will give students the necessary tools to succeed in the classroom as well as in their communities and workplaces. EKV faculty and staff will be supported in their efforts to facilitate the QEP through the office. Programs supported through the QEP include:

- A New First Year Course: The Critical and Creative Thinking Foundation, GSD 101, Foundation for Learning
- Thinking and Communicating Across the Curriculum (TCAC) - Writing Intensive Courses
- The Service-Learning Project
- The Noel Studio for Academic Creativity
- The CACTUS Project (Citizens' Assembly for Critical Thinking About the United States). POL 301.
- The Science and the Liberal Arts Project: POL 302.

For more information about the QEP please visit: [www.qep.evu.edu](http://www.qep.evu.edu)

**Baccalaureate Degrees**

**GENERAL STUDIES (B.A.)**

*CIP Code: 24.0102*

The General Studies degree program is designed for students intending to complete a baccalaureate degree whose educational objectives are not aligned with a more traditional degree program. The Bachelor of General Studies degree is intended to establish the foundation for a lifetime of continual learning and offers flexibly scheduled, highly individualized curricula. Through individualized advising, the program helps students define their educational goals and design interdisciplinary curricula drawing on a variety of course offerings. The program is also intended to allow a student who has completed most of the requirements of a major but has not yet completed the major of an approved program to complete a baccalaureate degree in a timely manner. Transfer credits from technical programs will be applied to this degree; however they may not apply to other degree programs at the University.

In addition to the baccalaureate degree requirements on page 46 of this Catalog, the following are required for students seeking a General Studies degree:

1. Students must have 18 hours within an individual college outside of and in addition to General Education requirements to receive their General Studies degree.
2. Any courses ordinarily accepted for credit by Eastern Kentucky University may be chosen as hours to apply to the 120 hours required for graduation.
3. Students seeking a General Studies degree must have 60 credits from a regionally accredited institution which may include completion of an AA, AS, or AAS degree.
4. Students pursuing a General Studies degree are not permitted to declare a double major, minor, or concentration.
5. Students pursuing a General Studies degree may simultaneously pursue a departmental or University-level certificate.
6. Students will be considered a member of the College in which they have their 18 hour major requirement.
7. The B.A. General Studies degree is intended to be a first degree and is not appropriate for a concurrent or secondary degree.

**Major Requirements.....18 hours**

Courses must be within an individual College and exclusive of general education requirements.

**General Education Requirements.....48 hours**

Standard General Education program. Refer to Section Four of this Catalog for details on the General Education and University requirements.

**University Requirement.....1 hour**  
GSO 100.

**Free Electives.....53 hours**

**Total Curriculum Requirements.....120 hours**

**INDIVIDUALIZED STUDIES (B.I.S.)**

*CIP Code: 24.0102*

Dr. Charlie Sweet

Director

(859) 622-6519

The Bachelor of Individualized Studies (B.I.S.) Degree is administered by the Dean of University Programs. It is intended for students whose goals extend beyond traditional majors and whose integrative abilities permit them to plan and follow a personalized, unique program. A student seeking admission to the Bachelor of Individualized Studies Program should have, in the semester of admission, a minimum of 30 semester hours with a minimum GPA of 2.0. The application must be submitted to the Coordinator who will assist the student in finding a program advisor. The Coordinator will inform the applicant concerning admission status after the program advisor submits an acceptable plan of study which conforms to the program requirements.

**Major Requirements.....36 hours**

A minimum of 36 hours in the area of emphasis is required with 18 of those hours being upper division. A senior project is mandatory. A maximum of 18 semester hours from a single academic discipline will be applied to the Area of Emphasis. The student must enroll in at least 21 semester hours (including the senior project) following the approval of the BIS Program.

**General Education Requirements.....48 hours**

Standard General Education program. Refer to Section Four of this Catalog for details on the General Education and University requirements. General Education hours cannot be counted in the Area of Emphasis.

**University Requirement.....1 hour**  
GSO 100.

**Free Electives.....35 hours**

**Total Curriculum Requirements.....120 hours**

**Associate Degrees**

**GENERAL STUDIES (A.G.S.)**

*CIP Code: 24.0102*

The Associate of General Studies degree provides students, especially adult learners, the opportunity to pursue a flexible degree program to meet their unique interests, career goals, and academic needs. Reflecting EKV's commitment to a liberal arts education, the degree allows students to concentrate in an area of interest while selecting from a wide variety of courses to meet personal, educational, or career goals. This degree is designed for students who want to advance in their careers, change careers, pursue a lifelong interest beyond their careers, or use the degree as a pathway to a baccalaureate degree. As of Spring 2011, students who are admitted as "Special Admittance/Conditional Admittance"

(see page 10 of the *Catalog*), will be initially admitted into the Associate of General Studies degree program.

### OPPORTUNITIES

The Associate of General Studies degree has become more attractive with the growth of business and industry in the area and with the increase of minimum educational requirements for employment or promotion. In addition to those students wishing to enhance their employability, other students will find the program offers numerous opportunities to seek a degree for their own personal satisfaction. The degree allows students to gain confidence in their abilities by earning a degree at the associate level prior to enrolling in a baccalaureate program. The associate degree provides opportunities for students who wish to consolidate previously earned credits to complete their first degree.

Serving students from a varied background of college readiness, this degree provides students a defined path to success in earning one or more degrees. Upon successful completion of EKU's Associate of General Studies degree, the student will have met all General Education requirements, which will apply toward a four-year program at EKU or any other regional Kentucky institution.

### PROGRAM REQUIREMENTS

The program requirements for the Associate of General Studies are:

1. Complete a minimum of 60 semester credit hours of prescribed and elective college credit.
2. Earn a minimum grade point average (GPA) of 2.0 on all college-level work taken at EKU. In addition, transfer students must earn a minimum GPA of 2.0 on the combined transfer work and EKU work.
3. Complete at least 24 semester hours at EKU.
4. Complete an orientation course if the student begins as a freshman or transfers to EKU with fewer than 24 credit hours
5. Complete 48 semester hours of general education requirements as shown below:

- Block 1. Communication (9 hours)
- Block 2. Mathematics (3 hours)
- Block 3. Arts and Humanities (6 hours)
- Block 4. Natural Sciences (6 hours)
- Block 5. Social and Behavioral Sciences (9 hours)
- Block 6. Wellness (3 hours)
- Block 7. Breadth of Knowledge (6 hours)
- Block 8. Depth of Knowledge (6 hours)

6. Complete an approved 12-hour emphasis with an overall 2.0 GPA within an individual college outside of the General Education Requirement.

The Associate of General Studies is intended to be a first degree and is not appropriate for a secondary degree.

### Major Requirements .....12 hours

Courses must be within an individual College and exclusive of general education requirements. *The optional departmental concentration (see below) may be substituted for this area.*

### General Education Requirements .....48 hours

Standard General Education program. Refer to Section Four of this *Catalog* for details on the General Education and University requirements.

### Optional Departmental Concentration.....minimum 12 hours

All courses are within one academic department and specified and approved through the University Council on Academic Affairs. Students with a declared departmental concentration will be advised by faculty of that department and will be officially affiliated with that department. The Concentration will be reflected on the student's transcript.

### University Requirement

GSO 100 (or GSD 101). *May be waived for students with 24 or more transfer hours.*

### Minimum A.G.S. Curriculum Requirements.....60 hours

(Course and credit-hour requirements will vary based upon concentration selected and student's specific orientation course needs.)

### CONCENTRATIONS

The following concentrations are available in the Associate of General Studies degree program:

### Psychology Concentration.....12 hours

### Course Requirements.....

PSY 200 or 200W, and PSY 250 or 250W, plus six additional hours of PSY courses (excluding PSY 349, 402, and 403).

PSY 280 may count toward the concentration but will not count toward the B.S. Psychology degree major requirements. A minimum grade of "C" is required of all courses counted toward the concentration.

### Faculty/Staff Development

Teaching & Learning Center  
Dr. Hal Blythe, Dr. Charlie Sweet  
Co-Directors  
(859) 622-6519

Located in the historic Keen Johnson Building, the Teaching & Learning Center (TLC) delivers, coordinates, and promotes faculty development at Eastern Kentucky University. Online and in person, the TLC provides support for EKU's talented and dedicated professors. Helping EKU's excellent teachers become even better instructors is a central TLC goal. Ultimately, EKU students benefit from the TLC's work, as they experience the enriched learning environments created by EKU's exemplary—and always developing—teaching faculty.

### Chautauqua Lecture Series

Dr. Bruce Maclaren  
Director  
(859) 622-1503

The Lectures, like the original Chautauqua Institution in New York, strive to refresh minds, renewing intellectual curiosity, encourage individual expression and promote civil discourse. The aim of The Series is to "take people on all sides of their natures and make them new, more intelligent and thoughtful in a world of ideas." (Vincent, J.) In addition, we aim to explore a single, significant idea; educate by engaging people, challenge individuals to explore their assumptions and provide a variety of disciplinary perspectives for the faculty staff and students at EKU.

**Educational Talent Search Program**

Beth Thompson  
Director  
(859) 622-2244

The Educational Talent Search Program, a TRIO project funded by the U.S. Department of Education, has been at Eastern Kentucky University since 1985. The goal of the program is to assist participants with postsecondary potential from designated Central Kentucky counties to continue in, and graduate from, secondary schools and to then enroll in postsecondary educational programs. Educational Talent Search assists students who want to attend postsecondary institutions by offering services related to the following areas: academic information, career materials, cultural diversity activities, financial aid program resources, and personal development activities. Educational Talent Search also offers assistance to participants in identifying additional support services. The Educational Talent Search Program offers assistance for high school completion through referrals to GED programs and local high schools. Services are also available for those who are enrolling in postsecondary institutions for the first time or for those who are returning. For more detailed information, contact the Educational Talent Search Program at (859) 622-5425 or check out the Educational Talent Search Program's website at [www.ets.eku.edu](http://www.ets.eku.edu).

**Upward Bound Program**

Jami Nichols  
Director  
(859) – 622-1083

The Upward Bound Program, a TRIO project funded by the U.S. Department of Education, has been at Eastern Kentucky University since 1965. Its purpose is to motivate and prepare for college traditionally underrepresented students from low-income families and those in which neither parent holds a bachelor's degree. UB offers a rigorous academic program, mentoring, academic support, individual and group tutoring, and workshops in a variety of educational, motivational, and college preparatory topics. Students are chosen from ten high schools in the nine counties of Casey, Estill, Garrard, Jackson, Lee, Lincoln, Madison, Powell, and Wolfe. They spend their sophomore, junior, and senior years in the program, attending Saturday Academies and workshops throughout the academic year to provide academic assistance as well as financial aid and college admission information. During the summer, a six week residential program includes academic classes, cultural and educational trips, plus social and recreational activities. Tutor advisors and faculty members assist students with their studies and other program activities. Interested students from the above counties should contact their high school guidance counselor or visit our Web site at [www.upwardbound.eku.edu](http://www.upwardbound.eku.edu)

**UNIVERSITY DIVERSITY OFFICE**

Ms. Sandra Moore  
Special Assistant to the Provost for  
University Diversity  
Student Services Building 442  
(859) 622-6587

The University Diversity Office is a campus wide resource that facilitates the diversity initiatives of the University to promote a climate and culture that respects and celebrates diversity. A

significant responsibility of the office is for the recruitment and retention of a diverse student, faculty and staff population.

The Special Assistant to the Provost for University Diversity plays a leadership role in facilitating and implementing the University's diversity goals and is a key advisor to the President, administration and faculty regarding policies, programs and initiatives that are responsive to our commitment to diversity.

**CONTINUING EDUCATION & OUTREACH**

Dr. Charles R. Hickox,  
Dean  
Continuing Education & Outreach  
Perkins 205  
(859) 622-6605

The Division of Continuing Education and Outreach provides quality student/client-centered services and programs to local, regional and virtual communities, campuses and ECU's service area through a combination of credit and non-credit opportunities. For more information, visit our website at [www.eku.edu](http://www.eku.edu) (Quick Link - Continuing Education & Outreach) or write to the Division of Continuing Education & Outreach, Eastern Kentucky University, 521 Lancaster Avenue, Perkins 202, Richmond, KY 40475-3102, or call (800) 262-7493 or (859) 622-2001.

**Regional Campuses**

EKU campuses are operated at Corbin, Danville and Manchester. These campuses provide a variety of graduate, undergraduate and non-credit programs and courses. In addition, ECU provides classes at Ft. Knox, Hazard, and Somerset. The Lancaster Higher Education Center is an ECU partnership with Bluegrass Community and Technical College.

Contact information is listed below:

Corbin	(606) 528-0551	Ft. Knox	(502) 942-8628
Danville	(859) 236-6866	Hazard	(606) 439-3544
Lancaster	(859) 622-2903	Manchester	(606) 598-8122
Somerset	(606) 679-8501		

**Student Support Services**

Adult students often have career and family responsibilities in addition to pursuing their educational programs. Our Student Support Services team has been established to work proactively with our CE&O students to reduce barriers to their educational goals. For our services, contact (859) 622-8367 or (859) 622-2329 or you may email [ceosss@eku.edu](mailto:ceosss@eku.edu).

**Distance Education**

Can't get away from work or other responsibilities? ECU Distance Education provides a variety of delivery methods for instruction. Interactive television courses (ITV), Web courses and correspondence courses are all offered to give students a variety of options for their schedules. For more information, contact (859) 622-2003 or visit [www.ceo.eku.edu/distance.htm](http://www.ceo.eku.edu/distance.htm).

**Workforce Education**

Workforce Education offers a wide variety of training classes and certification programs focused on career growth and development. ECU faculty, area business leaders and professional trainers are used to provide the competitive advantage necessary for continuous improvements in quality, variety and productivity. For more information, contact (859) 622-6299 or (859) 622-8405 or visit [www.ceo.eku.edu/workforce](http://www.ceo.eku.edu/workforce).

**OSHA Training Institute Education Center**

Established in 2003, Eastern Kentucky University's OSHA Training Institute Education Center serves Region IV, an 8-state region, and offers a variety of safety and health training programs. Nearly all the OSHA safety courses are offered as well as "train the trainer" programs. EKU offers open enrollment courses and on-site customized training to meet specific organizational needs. For additional information, visit [www.ceo.eku.edu/osha](http://www.ceo.eku.edu/osha) or call (859) 622-2961.

**Community Education**

A wide variety of non-credit classes are offered to the general public to encourage lifelong learning in Richmond, Corbin, and Danville. Community professionals, local tradespersons and EKU faculty teach these courses in a relaxed learning atmosphere. For a brochure of the courses offered, contact (859) 622-1228 or visit [www.ceo.eku.edu](http://www.ceo.eku.edu).

**Conference & Event Planning**

EKU's professional event planners plan and coordinate more than 800 successful meetings, conferences, training sessions and banquets each year. Clients are offered a competent, professional staff for arrangements, computer labs, food services, and setup of their functions. For more information, contact (859) 622-2001 or visit [www.ceo.eku.edu](http://www.ceo.eku.edu).

**Instructional Development Center**

The Instructional Development Center is intended to serve faculty members in the preparation of high quality distance learning and traditional courses and programs as a result of a collaborative team process. The Center provides assistance in course analysis, design, development, and evaluation through instructional design and multimedia production services. For more information, contact (859) 622-1656.

**Media Production Center**

Eastern Kentucky University's Media Production Center provides a wide variety of media products and services in support of EKU's mission, the community, and the University's image. Our services include video and studio productions and broadcast, 3-D design and graphics, web enhancement including streaming and flash, scripting, and video and teleconferences for internal and external clients. Contact (859) 622-6671 or visit [www.ceo.eku.edu](http://www.ceo.eku.edu).

**Summer Sessions**

Summer sessions endeavors to serve students who desire to: get ahead in their programs, make up for time lost from changing majors, catch up on developmental courses or seek to enrich their personal or professional lives with continuing education. We welcome all current EKU students, transfer students and students attending EKU for the first time. For more information, contact (859) 622-6532 or refer to [www.eku.edu/summer](http://www.eku.edu/summer).

Additional departments within Continuing Education and Outreach are:

WEKU	(859) 622-1662
Hummel Planetarium	(859) 622-1547
Challenge Course	(859) 622-1217
GED Testing	(859) 622-2001
Madison County Adult Education	(859) 622-8065

**HONORS PROGRAM**

Dr. Linda Frost, Director  
Case Annex 168  
(859) 622-2924

The Honors Program seeks to provide intellectually stimulating courses within the general education program for students with excellent academic backgrounds and/or exceptional potential for superior performance in college. The 28 hours of courses that make up the Honors Program meet requirements of the University's four-year programs. That is to say, regardless of the student's major, the courses taken in the Honors Program will apply to the general education requirements for that major. Thus, honors students complete the program without taking courses beyond those they would take were they not in the Honors Program. Honors course work is in fields such as rhetoric, humanities, social science, and natural science. Any student who successfully completes the full 28 hours of course work in the Honors Program and graduates with a cumulative grade point average of at least 3.0 will qualify as an "Honors Scholar." The University will recognize this achievement at commencement, on the academic transcript and on the student's diploma, where the phrase "Honors Scholar" will appear.

Advantages to participants of the Honors Program include opportunities to experience an innovative curriculum developed by first-rate instructors in the context of small group sessions. Small classes will allow abundant opportunities for dialogue with the instructors and with the other honors students. From such experiences honors students should further develop their communication skills, problem solving abilities, and analytic reasoning abilities. Development of these skills and abilities should make students especially attractive to employers when they seek to enter the job market or graduate and professional schools, should they choose to further their education beyond the four-year degree.

The criteria for selection to the Honors Program are a high school cumulative grade point average of at least 3.5 on a 4.0 scale, completion of the Kentucky pre-college curriculum or equivalent, and a composite score on the American College Test (ACT) of at least 26 with no individual subject score below 21. Students who do not meet these criteria may request consideration for admission by writing a letter to the director which should include specific and detailed reasons why the student believes that he/she should be admitted to the Honors Program. Students who are national merit semifinalists or finalists are automatically eligible for the Honors Program. Additional information can be obtained from the director by calling (859) 622-1403.

**Honors Program Course Requirements.....28 hours****HON 100.....1 hour****HON 420.....6 hours**

Specific General Education requirements are determined by the student's first major. The Honors curriculum is attached as the student's second major. All Honors students are required to complete the honors general education courses.

**Honors General Education Requirements.....21 hours**

Honors students must complete the following honors courses in lieu of other general education offerings: HON 102 (Block IA and IB), HON 205W (IIIA), HON 210W (VA ), HON 306W(IIIB), HON 311W(VC), and 3 hours from any one

of the following as determined by their major: HON 304(VII)(QS), HON 308(VII)(AH), HON 312(VII)(SBS), HON 316(VII)(NSI).

**Honors Scholar Requirement.....3.0 minimum cumulative GPA and successful completion of the honors thesis.**

**Total Curriculum Requirements.....28 hours**

**LIBRARIES**

Ms. Carrie Cooper,  
Dean  
Libraries  
Library 202A  
(859) 622-1778

EKU Libraries includes the John Grant Crabbe Library and two branch libraries: the Elizabeth K. Baker Music Library in the Foster Building and the Wolford K. White Justice and Safety Library in the Stratton Building.

The main library complex, located in the heart of the Richmond campus, features a Java City Library Cafe, an Instructional Development Center, the University Archives, a large computer lab and many other exciting resources and services. EKU Libraries houses a 760,000 volume print collection, subscribes to hundreds of online databases and provides access to over 20,000 online academic journals and a growing collection of online books.

Services include individual or group library instruction sessions; reference services via phone, email and online chat; laptop checkout; interlibrary loan; courier services for extended campus students; and much more. Additionally, spaces are available (by reservation or drop in) for meetings and study groups. For more information, call 622-1790 or visit us on the Web at [www.library.eku.edu/](http://www.library.eku.edu/), where you can search our catalog, get research help and discover the many resources available at EKU Libraries.

**THE NOEL STUDIO FOR ACADEMIC CREATIVITY**

Dr. Russell Carpenter  
Director  
(859) 622-6229

The Noel Studio for Academic Creativity serves the EKU community as a collaborative, innovative learning experience designed to improve communication and research skills. Starting in Fall 2010, the Noel Studio will open the doors to a new space dedicated to the development of effective communication across the disciplines. Specifically, the Noel Studio will provide support for writing, research, and oral communication in a single, technologically-sophisticated space located in the heart of the Crabbe Library. In the Noel Studio, trained consultants will offer personalized consultations to students seeking to refine specific projects and will also assist students in enhancing their research and communication skills.

**OFFICE OF GRADUATE EDUCATION & RESEARCH**

Dr. Jerry Pogatshnik,  
Associate Vice President of Research and  
Dean of Graduate Education

Dr. Jaleh Rezaie, Associate Dean  
SSB 310  
(859) 622-1742

**Natural Areas**

Eastern Kentucky University is responsible for the protection and management of three natural areas in Kentucky that serve as outdoor settings for all levels of environmental education and ecological research. These are: Lilley Cornett Woods (Letcher County) and Maywoods Environmental and Educational Laboratory (Garrard County). The Division of Natural Areas is responsible for coordinating the research, educational programs, development, and use of these areas, and provides coordinating and consulting services on the management of natural areas owned by public agencies and private organizations. The EKU Center for Environmental Education, established in 2002, is involved in a variety of community and educational outreach programs through the University, public school districts, public schools of central and eastern Kentucky, and the Kentucky University Partnership in Environmental Education (a partnership of state universities).

Lilley Cornett Woods, the oldest and most studied protected tract of old-growth forest in eastern Kentucky, is a Registered Natural Landmark (U.S. Department of Interior). The Woods is used primarily for base-line ecological research and advanced undergraduate and graduate instruction by the University and other institutions of higher education. Public use is limited to guided tours in this unique forest.

Maywoods Environmental and Educational Laboratory is used by the University and elementary and secondary schools for environmental education. This 1700-acre forested natural area is an official State Wildlife Refuge used to attract and protect native wildlife through approved wildlife management programs. On-site facilities provided for use of Maywoods as an off-campus conference and workshop location for the University.

The Division also provides on-campus coordination of University affiliation with the marine science program at the Gulf Coast Research Laboratory (Mississippi).

Natural areas under the supervision of the Division are available for use by the general public for passive recreation activities such as hiking and wildlife photography. For further information about the use and availability of these natural areas, please call (859) 622-1476 or visit the website, [www.naturalareas.eku.edu](http://www.naturalareas.eku.edu).

**Ronald E. McNair Postbaccalaureate Achievement Project**

The Ronald E. McNair Postbaccalaureate Achievement Program is a federal initiative funded through the U.S. Department of Education. The McNair Project at Eastern Kentucky University opened in October 2003. The project prepares select undergraduate participants for doctoral studies through involvement in research and other scholarly activities. McNair participants

are from disadvantaged backgrounds and have demonstrated strong academic potential. The project works closely with these participants through their undergraduate requirements, encourages their entrance into graduate programs, and tracks their progress to successful completion of advanced degrees. The goal of McNair is to increase the attainment of the Ph.D. by students from underrepresented segments of society.

**Services provided by the program include:**

- Research opportunities for participants who have completed their sophomore year of college
- Mentoring
- Seminars and other scholarly activities designed to prepare students for doctoral studies
- Summer internships
- Tutoring
- Academic counseling
- Assistance in obtaining student financial aid
- Assistance in securing admission and financial aid for enrollment in graduate programs

Additional information about the McNair Scholars program can be found on the website at [www.mcnaair.eku.edu](http://www.mcnaair.eku.edu).

### **Financial Assistance**

Financial assistance is available to help students offset the cost of their college education. There are five types of financial aid: grants, loans, employment, entitlements, and scholarships. The grants, loans, and federal work study programs are need-based. To determine how much money and for which programs the student qualifies, he/she must complete the Free Application for Federal Student Aid each year.

Entitlements include but are not limited to resources from the Veterans Administration and Vocational Rehabilitation. Scholarships are awarded from the University as well as outside sources. For information regarding entitlements, students should contact the Division of Student Financial Assistance at (859) 622-2361. This office can guide the student to the proper source depending on the type of entitlement or scholarship the student is interested in pursuing.

For scholarship information, students should contact the Scholarship Office in the Student Services Building, Room 346 (859) 622-8032.

### **Transfer Center**

The Transfer Center brings together the initial services needed by new and prospective transfer students into one location, making the transfer experience easier and more convenient. Students can apply for admission to the University, apply for financial aid, and make arrangements for any placement testing that may be necessary. The Center's staff works closely with ECU colleges, academic departments, and administrative offices in order to provide transfer students with fast, seamless service and accurate information.

# College of Arts and Sciences

**Dr. John Wade, Dean**  
Roark 105  
(859) 622-1405

**Dr. Tom Otieno, Associate Dean**  
Memorial Science 184  
(859) 622-1393

**Dr. Michael Foster, Assistant Dean**  
Roark 106  
(859) 622-8140

[www.cas.eku.edu](http://www.cas.eku.edu)

The College of Arts and Sciences offers baccalaureate and masters programs in a wide range of disciplines encompassing the arts, the humanities, the social and behavioral sciences, and the natural and mathematical sciences. The college also offers associate degrees in paralegal studies and science for engineering; preprofessional programs in engineering, forestry, optometry, pharmacy, and medical sciences; and certificate programs in French, German, Japanese, and Spanish. The College of Arts and Sciences also is principally responsible for the University's general education program through which all University students are provided the opportunity to develop the skills, the knowledge, and the discernment essential to the full development of each person as an individual and as a member of society.

Through its many disciplines the College of Arts and Sciences strives to provide all students an excellent education with the most complete and current resources; to provide service to the University and to the community through its academic programs, through such facilities as the Hummel Planetarium and Psychology Clinic, and through the professional development and cultural opportunities sponsored by the College; and to encourage and support research and scholarship in all the disciplines included in the College.

## DEGREES OFFERED

The College of Arts and Sciences offers the following baccalaureate degrees: Bachelor of Arts, Bachelor of Science, Bachelor of Fine Arts, Bachelor of Music, Bachelor of Social Work, Bachelor of Individualized Studies, and Bachelor of General Studies. The Associate of Arts is offered in Paralegal Studies and the Associate of Science in Science for Engineering.

## COLLEGE DEGREE REQUIREMENTS

General University degree requirements as set forth in Section Four of this *Catalog* as well as specific course requirements set forth in the descriptive curricula must be met by students completing programs administered by the College of Arts and Sciences. All students graduating with majors in the College of Arts and Sciences must have a 2.0 GPA in the major exclusive of any supporting courses. Students pursuing a minor in the College must have a minimum 2.0 GPA in the minor. At least twenty-five percent of the courses in the major must be taken at Eastern Kentucky University. In addition, individual programs may have

specific requirements that exceed College requirements. Students should consult with an advisor or department chair to learn the particular requirements of a program.

## AFFILIATED ACTIVITIES AND RESOURCES

### GULF COAST RESEARCH LABORATORY

Eastern Kentucky University is affiliated with the Gulf Coast Research Laboratory, Ocean Springs, Mississippi. This affiliation provides undergraduate and graduate students with the opportunity to take courses and conduct research in marine sciences at an established, well equipped laboratory located on the Gulf of Mexico. Students electing to study at Gulf Coast Research Laboratory do not pay out-of-state tuition.

Courses are taught only at Gulf Coast Research Laboratory, Ocean Springs, Mississippi, during the summer. The Laboratory furnishes the staff for course work and research. Applications for the program and additional information are available in the departments of Biological Sciences, Chemistry, and Earth Sciences and in the Division of Natural Areas.

### TECHNOLOGY INFORMATION CENTER

The College of Arts & Sciences Technology Information Center (TIC) is a Computer Center that offers a wide variety of services to faculty, staff and students. Located in Memorial Science 270, the Center houses a variety of technological equipment including 21 PCs all of which are connected to the Internet by a 1 GIG connection to quality laser printers, flatbed and slide/film scanners, black and white and color laser printing (including color poster printing), wide format printing and a film recorder (places digital images on film). Software packages available in the Center include Microsoft Office, Adobe Photoshop, Dreamweaver MX (for website development), SPSS and SAS as well as many "course specific" software programs.

We provide technical assistance to faculty and staff in the areas of computer-related problems, workshops for a wide variety of software packages, web development assistance and training in SmartBoard Technology. The Center can be reserved by faculty, staff, and graduate assistants for computer-based classes and workshops. The Center is also equipped with a SmartBoard, making it an excellent room for teaching.



## PRE-PROFESSIONAL CURRICULA

### PRE-ENGINEERING CURRICULA

There are two pre-engineering curricula offered by the College of Arts and Sciences.

#### TWO-TWO CURRICULUM

In the first curriculum, referred to as the **Two-Two Curriculum**, students spend two years at EKU and study basic science, mathematics, and courses for their basic education. Students then transfer their credits to the engineering school of their choice. Students can usually complete a degree in engineering after two years of course work at the engineering school.

**Major Requirements.....30 hours**

PHY 201, 202, MAT 124\*, 224, 225, CHE 111, 112.

**Supporting Course Requirements.....9 hours**

PHY 221, TEC 190 and an approved programming language.

**General Education Requirements.....24 hours**

Six hours of English composition, 18 hours selected from the humanities and social sciences to satisfy general education requirements at the chosen engineering school.

**University Requirement.....1 hour**

ASO 100.

**Total Curriculum Requirements.....64 hours**

\*A preparatory course (MAT 109) may be required before admission to MAT 124.

#### THREE-TWO CURRICULUM

In the second curriculum - the **Three-Two Curriculum** - students spend three years at EKU and then take two years of work in engineering at the University of Kentucky or Auburn University and earn a baccalaureate degree from EKU in physics or chemistry and an engineering degree from the engineering school. The additional year spent at EKU allows students to do more work in a science major, thus improving the breadth of their background.

All students pursuing a Dual-Degree Engineering Program in the Department of Physics and Astronomy should pursue the Engineering Physics Option of the Physics B.S. program, and they should enroll in this program option. Specific inquiries concerning a particular engineering program should be addressed to the pre-engineering advisor, Department of Physics and Astronomy or Department of Chemistry. Because preferred general education and supporting courses may vary depending upon the partner engineering school a student may choose to attend, it is essential that students pursuing the Dual-Degree Program in Engineering work closely with their departmental advisors.

A third option available to a student would be to complete requirements for a baccalaureate degree in physics or chemistry at EKU and then to apply to a graduate school in engineering for admission and graduate studies.

#### PRE-FORESTRY CURRICULUM

Arrangements made through the Southern Regional Education Board provide for students who wish to prepare as professional foresters to do the first three years of their work at EKU and

complete their training in two years and one summer at University of Kentucky or any other accredited school of forestry.

Students may elect a three-year program and graduate with a Bachelor of Science degree with a major in biology by transferring 30 semester hours from an accredited school of forestry.

**Major Requirements.....26 hours**

BIO 121, 131, 141, 315, 328, 335, 536.

**Supporting Course Requirements.....41 hours**

AGR 215, CHE 111, 111L, 112, 112L, or 112HL, CON 221, CSC 174, ENG 300, GLY 108, TEC 190, MAT 124\*, PHY 131; CMS 100 or 300; STA 215 or 270.

**General Education Requirements.....30 hours**

Standard General Education program, excluding blocks IC, II, IVB, VII (QS), and VIII (6 hours). Refer to Section Five of this *Catalog* for details on the General Education and University requirements.

**University Requirement.....1 hour**

ASO 100.

**Free Electives.....12 hours**

**Total Curriculum Requirements.....110 hours**

\*A preparatory course (MAT 109) may be required before admission to MAT 124.

#### PRE-LAW CURRICULUM

Students interested in going to law school or exploring the possibility of doing so should make an appointment with the University Pre-law Advisor as early in their academic career as possible. The Pre-law Advisor is located in the Department of Government. The Pre-law Advisor can guide the student in selecting courses consistent with the American Bar Association recommendations noted below, plus provide valuable information on law schools, the Law School Admission Test, and typical admission procedures.

Prospective law students should keep in mind that a broadly based liberal education will best equip one to study law. Thus, no fixed pre-law curriculum is prescribed. A special committee of the American Bar Association recommends that pre-law students take courses in written and speech communications, accounting, economics, psychology, and historical and contemporary social and political processes.

Regardless of one's chosen major, the following abilities are absolutely essential in the study of law: to read critically, to think logically, and to write and speak effectively.

Admission to an accredited law school is dependent upon a good undergraduate record with an earned baccalaureate degree and a competitive score on the Law School Admission Test.

#### PRE-OPTOMETRY CURRICULUM

Students desiring to enter the competition for admission to an optometry school must complete a minimum of three years of pre-optometry courses, and most schools require the student to earn a baccalaureate degree before applying. The application deadline for optometry schools is usually in December. Students must also achieve a high score on the Optometry Admissions Test. A minimum of three years work is required in the optometry school for the Doctor of Optometry (O.D.). Most optometry schools require four years for the O.D., and several universities have graduate programs leading to the M.S. and Ph.D. degrees in

addition to programs leading to the O.D.

Requirements for admission to optometry schools vary. Students wishing to enter a pre-optometry program should immediately secure transfer information from the optometry school of their choice and then consult with their pre-optometry advisor.

Courses which students may take to meet requirements for admission to optometry schools should include the following:

<b>Major Requirements</b> .....	<b>32 hours</b>
BIO 121, 141, 320, CHE 361, 361L, 362, 362L, PHY 131, 132.	
<b>Supporting Course Requirements</b> .....	<b>19 hours</b>
MAT 109, 124, 224; PSY 200; STA 270.	
<b>General Education Requirements</b> .....	<b>21 hours</b>
CHE 111, 111L, 112, 112L or 112HL, six hours of English composition, six hours social science.	
<b>University Requirement</b> .....	<b>1 hour</b>
ASO 100.	
<b>Total Curriculum Requirements</b> .....	<b>73 hours</b>

Most optometry schools have established quotas on the number of students that they will accept from each state. Because of this limitation, students must be accepted by the school of optometry and be certified as a resident of the state in which they live. Present circumstances are such that Kentucky residents will stand the best chance for acceptance at Indiana University, the University of Alabama, and Southern College of Optometry at Memphis, which have contracts with the Commonwealth of Kentucky. Approved students are exempt from the out-of-state tuition charge at the above schools.

For residents in Kentucky to be accepted under the Kentucky quota, application must be made directly to one of the three contract schools listed above. A Certificate of Residency will be needed which may be secured from the Executive Director, Council on Postsecondary Education, Frankfort, KY 40601. Students from other states should make application to the equivalent board in their state. For further information, the student should consult with the Pre-Medical Science Advisor.

### PRE-PHARMACY CURRICULUM

Students who plan to enter the field of pharmacy may take two years of pre-pharmacy and transfer these credits to a pharmacy school. The courses listed below will meet the requirements of most pharmacy schools. Students wishing to enter the curriculum should determine the admission requirements of the pharmacy school of their choice and after consulting their pre-pharmacy advisor, determine which courses to take.

<b>Major Requirements</b> .....	<b>27 hours</b>
BIO 141, 171, 320, CHE 111, 112, 361, 361L, 362, 362L.	
<b>Supporting Course Requirements</b> .....	<b>17 hours</b>
ECO 230, MAT 124*, PHY 131, 132.	
<b>General Education Requirements</b> .....	<b>27 hours</b>
Six hours of English composition; 21 hours towards the general education requirements at the chosen pharmacy school.	
<b>University Requirements</b> .....	<b>1 hour</b>
ASO 100.	
<b>Total Curriculum Requirements</b> .....	<b>72 hours</b>

\*A preparatory course (MAT 109) may be required before admission to MAT 124.

### PRE-MEDICAL SCIENCE

Students who have career interests in medicine, dentistry, osteopathic medicine, or podiatry may fulfill general admission requirements of specific professional schools by pursuing the Bachelor of Science degree in Biology or the Bachelor of Science (Biochemistry Option) degree in Chemistry. Students pursuing degrees in either department will concentrate in biology and chemistry, with appropriate and complementary courses in humanities, social sciences, and communications. Courses in mathematics and physics will also be required. Students interested in medical fields are assigned to a pre-medical sciences advisor. These advisors work closely with each student to help plan programs of study and prepare for the process of gaining admission to the chosen professional school.

#### Biology (B.S.)

<b>Major Requirements</b> .....	<b>35-36 hours</b>
BIO 121, 131, 141, 315, 316, 320; 328 or 348; 490, 514, one elective in biology at the 300-500 level.	
<b>Supporting Course Requirements</b> .....	<b>32-33 hours</b>
CHE 111, 111L, 112, 112L or 112HL, 361, 361L, 362 and 362L; MAT 124* or 261*; PHY 131, 132; STA 215 or STA 270.	
<b>General Education Requirements</b> .....	<b>30 hours</b>
Standard General Education program, excluding blocks II, IVA, IVB, VII (QS), and VIII (6 hours). Refer to Section Four of this <i>Catalog</i> for details on the General Education and University requirements.	
<b>University Requirement</b> .....	<b>1 hour</b>
ASO 100.	
<b>Free Electives</b> .....	<b>28-30 hours</b>
<b>Total Curriculum Requirements</b> .....	<b>128 hours</b>

\*A preparatory course in mathematics may be required before admission to calculus.

#### Chemistry (B.S.)

<b>Major Requirements</b> .....	<b>43-44 hours</b>
<b>Chemistry Core</b> .....	<b>32-33 hours</b>
CHE 111, 111L, 112, 112L, 325, 361, 361L, 362, 362L, 385, 473, 484, 485, 574, 575.	
<b>Biochemistry Option</b> .....	<b>11 hours</b>
CHE 525, 530, 531, and 532.	
<b>Supporting Course Requirements</b> .....	<b>34 hours</b>
BIO 121; BIO 131 or 141; 315 or 320; MAT 124, 224, 225; PHY 201, 202.	
<b>General Education Requirements</b> .....	<b>27 hours</b>
Standard General Education program, excluding blocks II, IVA, IVB, VII (QS), and VIII (6 hours). Pre-medical students must take PSY 200. Refer to Section Four of this <i>Catalog</i> for details on the General Education and University requirements.	
<b>University Requirement</b> .....	<b>1 hour</b>
ASO 100.	
<b>Free Electives</b> .....	<b>22-23 hours</b>
<b>Total Curriculum Requirements</b> .....	<b>128 hours</b>

\*Strongly suggested electives include Histology (BIO 547), Embryology (BIO 546), and Animal Physiology (BIO 348).

**PRE-DENTAL**

**Chemistry (B.A.)**

- Major Requirements.....33-34 hours**  
CHE 111, 111L, 112, 112L or 112HL, 325, 361, 361L, 362, 362L, 470, six hours of upper division chemistry electives.
- Supporting Course Requirements.....13-14 hours**  
MAT 124\* or 261\*, PHY 131 or 201, PHY 132 or 202. It is recommended and expected that pre-dental students also take BIO 121, 141, and 320.
- General Education Requirements .....36 hours**  
Standard General Education program, excluding blocks II, IVB, and VIII (6 hours). Pre-dental students must take PSY 200. Refer to Section Four of this *Catalog* for details on the General Education and University requirements.
- University Requirement .....1 hour**  
ASO 100.
- Free Electives.....46-48 hours**
- Total Curriculum Requirements.....128 hours**

\*A preparatory course in mathematics (MAT 109) may be required before admission to calculus.

**PRE-VETERINARY MEDICINE**

Students who have career interest in veterinary medicine may fulfill general admission requirements of specific veterinary schools by pursuing the Bachelor of Science degree in Biology or the Bachelor of Arts degree in Chemistry. Students pursuing degrees in either department will concentrate in biology and chemistry, with appropriate and complementary courses in humanities, social sciences, and communications. Courses in mathematics and physics will also be required. Students will be assigned to a pre-veterinary advisor. This advisor will work closely with each student to help plan programs of study and prepare for the process of gaining admission to the chosen school of veterinary medicine.

**Biology (B.S.)**

- Major Requirements.....35-36 hours**  
BIO 121, 131, 141, 315, 316, 320; 328 or 348; 490, 514, or elective in biology at the 300-500 level.
- Supporting Course Requirements.....32-33 hours**  
CHE 111, 111L, 112, 112L or 112HL, 361, 361L, 362 and 362L; MAT 124\* or 261\*; PHY 131, 132; STA 215 or STA 270.
- General Education Requirements .....30 hours**  
Standard General Education program, excluding blocks II, IVA, IVB, VII (QS), and VIII (6 hours). Refer to Section Four of this *Catalog* for details on the General Education and University requirements.
- University Requirement .....1 hour**  
ASO 100.
- Free Electives\*\* .....28-30 hours**
- Total Curriculum Requirements.....128 hours**

\*A preparatory course in mathematics may be required before admission to calculus.

\*\* Properly selected electives will allow a student to complete pre-

veterinary medicine training.

**Chemistry (B.A.)**

- Major Requirements.....30-31 hours**  
CHE 111, 111L, 112, 112L or 112HL, 325, 361, 361L, 362, 362L, 470, six hours of upper division chemistry electives.
- Supporting Course Requirements.....13-14 hours**  
MAT 124\* or 261\*; PHY 131 or 201; PHY 132 or 202.
- General Education Requirements .....36 hours**  
Standard General Education program, excluding blocks II, IVB, and VIII (6 hours). Refer to Section Four of this *Catalog* for details on the General Education and University requirements.
- University Requirement .....1 hour**  
ASO 100.
- Free Electives\*\* .....46-48 hours**
- Total Curriculum Requirements.....128 hours**

\* A preparatory course in mathematics (MAT 109) may be required before admission to calculus.

\*\* Properly selected electives will allow a student to complete pre-veterinary medicine training.

**DEPARTMENT OF  
ANTHROPOLOGY, SOCIOLOGY,  
AND SOCIAL WORK**

Chair

**Dr. Kelli Carmean**  
(859) 622-1644  
Keith 223

Faculty

**S. Adams, A. Banks, P. Black, K. Carmean, J. Curra, B. Freed, T. Goldson, M. Gore, S. Hardesty, M. Irvin, R. Karolich, P. Litzelfelner, A. Matthews, S. McSpirit, M. Miranda, P. Paolucci, C. Reid, D. Smith, N. Threadgill-Goldson, E. Underwood, J. Wies, and P. Winther.**

**Baccalaureate Degrees**

**ANTHROPOLOGY (B.A.)**

*CIP Code: 45.0201*

Anthropology is the study of human diversity. It explores the meaning of being human – from the study of culture and social relations, to human biology and physical evolution, to language, to music and art and to vestiges of human habitation. Anthropology addresses fascinating questions such as how peoples’ behavior change over time, how and why people from distant parts of the world and dissimilar cultures are in many ways similar, how the human species has evolved over millions of years, and how individuals understand and operate successfully in distinct cultural settings. Anthropology includes four sub-fields: cultural anthropology, physical anthropology, archaeology, and linguistics. The Anthropology program at ECU offers exposure to all of these sub-fields, with the opportunity to specialize, if so desired. Two great reasons to study anthropology include: 1) study topics are

intellectually exciting; and 2) Anthropology prepares students for excellent jobs and opens doors to various career paths. Anthropological study provides training particularly well suited to the 21<sup>st</sup> century. Anthropology is the only contemporary discipline that approaches human questions from historical, biological, and cultural perspectives. As a result, career opportunities exist in academic, corporate, nonprofit and government settings. Many anthropologists with bachelor’s degrees work for contract archaeology firms at archaeological sites, in physical anthropology laboratories, and in museums in a wide range of areas. International health organizations and development banks employ anthropologists to help design and implement a wide variety of programs. Governmental organizations use anthropologists in planning, research, and managerial capacities. Forensic anthropologists find work in university and museum settings along with police departments to help identify mysterious or unknown remains. Anthropology is a career that embraces people of all kinds. It is a discipline that thrives with heterogeneity – in people, ideas, and research methods. Anthropologists know the wisdom of listening to multiple voices and linking the work from researchers who bring different backgrounds and apply various approaches to their endeavors.

- Major Requirements.....33 hours**  
ANT 120, 200, 201, 351W, 395 and at least one course from each of the following three categories, for a total of 18 hours:  
Archaeology: ANT 341, 355, 357, 360, 439, 470;  
Cultural Anthropology: ANT 250, 330, 333, 375, 391, or 400;  
Physical Anthropology: ANT 306, 365, 370, 371, 380, or 385;  
ANT 490 will be classified where appropriate.
- General Education Requirements .....48 hours**  
Standard General Education program. Refer to Section Four of this *Catalog* for details on the General Education and University requirements.
- University Requirement .....1 hour**  
ASO 100.
- Free Electives.....38 hours**
- Total Curriculum Requirements.....120 hours**

**SOCIAL WORK (B.S.W.)**

*CIP Code: 44.0701*

The Social Work Program prepares students for beginning generalist social work practice. The primary purpose of the social work profession is to enhance human well being. Social workers help meet the basic human needs of all people and empower those who are vulnerable, oppressed, or living in poverty. Social workers help identify and manage the environmental forces that create, contribute to, and address problems in living. Social workers are an integral part of most non-profit agencies and also offer their services and knowledge in private practice. The social work program has been continuously accredited by the Council on Social Work Education since 1977.

**ADMISSION AND PROGRESSION**

Any student who is accepted by the University Admissions Office and declares his/her major as social work will be classified as a pre-social work major. Admission to pre-social work does not guarantee admission to the Professional Social Work Program. Admission to the program is required for progression in the major

beginning with SWK 350 and 354. To be admitted students must have earned at least 32 hours of college credit, meet the minimum program GPA requirement of 2.50, complete SWK 210 and other supporting course work with a minimum grade of “C,” and successfully complete application procedures. Students choosing to double-major must declare social work as the first major. For admission requirements and procedures contact the Social Work Program office, (859) 622-1645.

**MISSION AND GOALS**

The Social Work Program provides a student-centered, collaborative and dynamic environment that prepares students for competent and ethical generalist bachelor level practice. The Program goals are to: (1) provide a fluid curriculum grounded in a liberal arts perspective that appreciates the history of the profession and the needs of the region with different size systems in a variety of settings; (2) integrate into the Program the values of the social work profession and socialization into those values through self assessment and self awareness; (3) integrate social work ethical principles throughout the Program and curriculum; and (4) provide an environment that promotes critical understanding of oppression, populations at-risk, economic and social justice.

- Major Requirements.....48 hours**  
SWK 210, 225, 310, 335, 340, 350, 354, 355, 360, 390, 410, 455, and 490 (12).
- Supporting Course Requirements.....15 hours**  
POL 101, PSY 200, SOC 131, 232, and 400.
- General Education Requirements .....42 hours**  
Standard General Education program, excluding blocks VB and VC. Refer to Section Four of this *Catalog* for details on the General Education and University requirements.
- University Requirement .....1 hour**  
ASO 100.
- Free Electives.....14 hours**  
To broaden their experience and knowledge, students are encouraged to complete their programs with electives selected from anthropology, child development, economics, health, foreign language, law enforcement, political science, psychology, recreation, sociology, special education, and speech.
- Total Curriculum Requirements .....120 hours**

**SOCIOLOGY (B.A.)**

*CIP Code: 45.1101.01*

The sociology program provides students with an advanced understanding of social structure, social institutions, human groups, social stratification, social interaction, social relationships, social deviance (crime, juvenile delinquency), and social change. Sociology faculty are skilled in teaching the theoretical foundations of sociology and methods of social research, while they teach students to think critically. The broad knowledge base of sociology, combined with basic skills in research methods and analysis, contributes to a person’s flexibility in a rapidly changing economy where specialized jobs often become outdated. Students who major in sociology possess the advantage of a more general foundation upon which to adapt to changes in the labor market, because they are taught to think critically, communicate effectively, and respond constructively to the challenges and opportunities they will encounter. A major in sociology provides a gateway to many different careers. Many sociology graduates move into professional careers in the following areas: social services, law enforcement,

human relations, law and legal services, policy analysis, teaching, and health fields. Others find employment in management and administrative careers in government agencies as well as in a wide range of private sector firms. Still others work to achieve their goals in less traditional careers such as grassroots activism or private entrepreneurship.

<b>Major Requirements</b> .....	<b>36 hours</b>
SOC 131, 232, 395, 460, 461, and 470; a minimum of three hours from SOC 420, 425, 463, 465; and 15 hours of sociology electives, 12 of which must be upper division hours.	
<b>General Education Requirements</b> .....	<b>48 hours</b>
Standard General Education program. Refer to Section Four of this <i>Catalog</i> for details on the General Education and University requirements.	
<b>University Requirement</b> .....	<b>1 hour</b>
ASO 100.	
<b>Free Electives</b> .....	<b>35 hours</b>
<b>Total Curriculum Requirements</b> .....	<b>120 hours</b>

## Minors

### **MINOR IN ANTHROPOLOGY**

A student may minor in Anthropology by taking a minimum of 18 hours as follows: ANT 120, 200, 201, 351W and six hours of upper division anthropology electives.

### **MINOR IN ARCHAEOLOGY**

A student may minor in Archaeology by taking a minimum of 18 hours as follows: ANT 200, 351W and twelve hours of upper division archaeology electives selected from ANT 341, 355, 357, 360, 439, 470, and 490 (if archaeological topic).

### **MINOR IN CANADIAN STUDIES**

A student may minor in Canadian Studies by taking a minimum of 18 hours selected from: ANT 333, POL 499, and Canadian topics in the following courses: HIS 300A-C (e.g., History of Canada), POL 405 (e.g., Government and Politics of Britain and Canada; Politics of the North American Auto Industry; Comparative Civil Liberties: United States, Canada, and Germany; Political Economy and Environment of Canada; North American Politics: United States and Canada), POL 410 (e.g., Canadian Politics), SWK 455 (e.g., Family Violence in the United States and Canada).

### **MINOR IN DEVIANCE/CRIMINOLOGY**

A student may minor in Deviance/Criminology by completing the following courses: SOC 131, 313, 340, 375, and nine hours from ANT 380, FOR 301, HEA 345, CRJ 325, or PSY 308. Note that some of the required and elective courses have prerequisites.

### **MINOR IN SOCIAL INEQUALITIES**

A student may minor in Social Inequalities by completing a minimum of 18 hours as follows: SOC 399, 400, 425, 463, and six

credit hours of electives from CRJ 325, 345; HIS 305, 385, 386; POL 345, 373, 446, 451; SOC 345, 365, 375, 415, 460; or WGS 400. It is suggested that non-majors complete SOC 131 prior to enrolling in upper-division sociology courses. Other electives may be approved for the minor as they are offered. Note that some of the required and elective courses have prerequisites. Average GPA of courses applied to the minor must be 2.0 or better.

### **MINOR IN SOCIAL INSTITUTIONS AND SOCIAL CHANGE**

A student may minor in Social Institutions and Social Change by taking a minimum of 18 hours from the courses listed below. A total of twelve (12) hours must be in Sociology from the following core courses: SOC 131, 345, 420, and 425. A total of six (6) hours must come from the following courses: ANT 200; CRJ 350; GEO 200, 201, 202, 220, 322, 330; HIS 303, 304, 305, 308, 309, 342, 347, 350, 365, 375, 380, 383, 384, 386, 401, 402, 403, 405, 408, 411, 412, 413, 475; PHI 330; POL 220, 321, 327, 373; SOC 353, 360, 365, 370, 375, 383, 399, 400, 415, 450, 455, 465. Non-majors should complete SOC 131 prior to enrolling in upper-division SOC courses. Other electives may be approved for the minor as they are offered. Some of the required and elective courses may have prerequisites.

### **MINOR IN SOCIAL WELFARE**

A student may minor in Social Welfare by completing the following courses: SOC 131; SWK 210, 310, and 410; three hours from POL 341, 370, 371, or 374; and six hours from SWK 455 or Social Work Elective, SOC 313, 340, 353, 365, 420, 450, ECO 231, 310, or 365.

### **MINOR IN SOCIOLOGY**

A student may minor in Sociology by completing the following courses: SOC 131 and 15 hours of sociology electives, 12 of which must be upper division. Three hours of upper division anthropology may be applied to the 15 hours.

### **PUBLIC CHILD WELFARE CERTIFICATION PROGRAM**

The Public Child Welfare certification by the Commonwealth of Kentucky requires an application and interview process, practicum experiences in public welfare agencies, post graduation work commitment, maintenance of a 3.0 GPA in social work courses and an overall cumulative GPA of 2.5. In addition to the B.S.W. degree requirements, students must complete SWK 358 and 450.

See the Social Work Program Director for more complete information on the application and requirements for the Public Child Welfare Certification Program.

**DEPARTMENT OF ART  
AND DESIGN**

**Chair**  
**Mr. Herb Goodman**  
**(859) 622-1629**  
**Campbell 309**

**Faculty**

**D. Afsah-Mohallatee, H. Goodman, E. Hale, C. Jackson, I. Kumoji, J. Molinaro, I. Powell, M. Ramsey, E. Randall, G. Smith, K. Spears, G. Sweely, I. Szekely, F. Szorad, M. Vandenberg, and M. Tortorici**

**Baccalaureate Degrees**

**ART (B.A.)**  
*CIP Code: 50.0702*

Upon completion of an Art degree with a Teacher Education or Liberal Arts Option, students will gain a broad knowledge of a variety of media and techniques, be able to apply elements and principles of art and design, be more aware of the influences of perception and observation, and be able to use a variety of media and techniques to communicate ideas effectively and expressively. Students will demonstrate critical and creative thinking by analysis and research, both verbal or written, of their own or other’s art and design works, with an understanding of historical and contemporary concepts, theories, methods and styles.

The B.A. degree with the Teacher Education Option is offered in cooperation with the College of Education, which includes secondary teaching certification in art. Refer to the College of Education section of this Catalog regarding the teacher certification requirements associated with this program.

- Major Requirements.....57-76 hours**
- Studio Foundations.....15 hours**  
ART 100, 101, 152, 153, and 164.
- Art Core.....21 hours**  
ART 210, 220, 230, 240, 270, 280, 562
- Teacher Education Option.....40 hours**  
ART 360, 460, EDF 103, 203, 319, 413, SED 401 or 401S, EME 361, ESE 490, 540 and EMS 499.
- Liberal Arts Option.....21 hours**  
Additional 21 hours of art, design, or art history electives limited to the following: ART 300, 301, 312, 313 or 314, 321, 322 or 323, 331, 332, 341, 343, 371, 372, 381, 382, 401, 463, ARH 463, 465, 492, 493, 496, 497, 498, 594, 595, DES 122, 222, 225, 226, 250, 327, 328, 330, 350, 351.
- Supporting Course Requirements.....9 hours**  
ARH 390, 391, and 3 hours of an art history elective selected from: ARH 463, 465, 492, 493, 496, 497, 498, 594, 595.
- General Education Requirements.....42 hours**  
Standard General Education program, excluding block VIII (6 hours). Refer to Section Four of this Catalog for details on the General Education and University requirements.
- University Requirement.....1 hour**  
ASO 100.
- Free Electives (Liberal Arts Option only) .....19 hours**
- Total Curriculum Requirements.....128 hours**

**ART/DESIGN STUDIO OPTIONS (B.F.A.)**  
*CIP Code: 50.0702*

Upon completion of a Baccalaureate of Fine Arts (B.F.A.) degree with an Option in; Ceramics, Graphic Design, Interior Design, Jewelry and Metals, Painting, Photography, Printmaking or Sculpture, students will be able to apply elements and principles of art and design, be more aware of the influences of perception and observation, and be able to use a variety of media and techniques to communicate ideas effectively and expressively. Students will demonstrate critical and creative thinking by analysis and research, both verbal and written, of their own or other’s art and design works, with an understanding of historical and contemporary concepts, theories, methods, periods and styles.

The B.F.A. degree prepares students for professional careers as artists and designers of listed Options below. Students will demonstrate professional practice, writing, portfolio development and presentation for employment in art and design studios, companies, or freelancing, and for applications to graduate schools, exhibitions, competitions, grants, and fellowships.

**BFA Admission Requirements**

All students who are accepted by the Office of Admissions and seek a baccalaureate fine art degree declare their major as Bachelor of Fine Arts are admitted to the University as a pre-BFA major and must select from at least one pre-BFA option area in Ceramics, Graphic Design, Interior Design, Jewelry and Metals, Painting, Photography, Printmaking or Sculpture. baccalaureate fine arts .

Pre-BFA students are eligible to apply to the BFA degree program after completing 15 credit hours of Studio Foundation courses.

When applying for the BFA program, pre-BFA students must have completed or be enrolled in the courses specified for their declared Pre-BFA option.

Students are also required to submit an application, statement of goals, and portfolio for review by the BFA Entrance Review Committee once the minimum requirements have been met, usually by the fourth or fifth semester, depending on the Option area (transfer students must meet equivalent minimum requirements and complete a minimum of 24 hours in Art and/or Design). Students will be notified by letter of the results and can meet with their area supervisor. Students not accepted to the BFA degree program may re-apply at a later date or seek another degree program. Portfolio requirements include examples of drawing, 2D and 3D works (from a variety of courses), as well as examples specific to an Option area. Students wishing to pursue the BFA degree should average and maintain a 3.0 GPA and earn a grade of “C” or higher in all major and supporting course requirements in order to apply to, and complete the BFA degree program. Consult with a departmental advisor, area supervisor, or visit our website at [www.art.eku.edu](http://www.art.eku.edu) to obtain a copy of the “Entrance Criteria and Degree Requirements for the BFA in Art and Design”.

**Progression Requirements**

Once a student is admitted to the BFA degree program, they are eligible to take upper division courses that require “admission to the BFA” as listed in the course descriptions of this Catalog and are expected to participate in all major and supporting course requirements, including a BFA exhibition and review. Any BFA student whose major GPA falls below 3.0, or who earns a grade lower than “C” in a major or supporting course requirement course, will be placed on BFA probation. Once on BFA probation

the student has one semester to either raise their major GPA to the required 3.0, or to retake the course in which they earned a low grade and pass with a "C" or higher. If any student on BFA probation fails to meet either of the above conditions, he/she will be removed from the BFA program. Such students may reapply at a later date or seek another degree program.

### Pre-BFA Curriculum

#### General Education Requirements

Standard General Education program, excluding block VIII (6 hours). Refer to Section Four of this Catalog for details on the General Education and University requirements.

#### Studio Foundations .....15 hours

ART 100, 152, 153, 164 and Interior Design: DES 250.  
All other areas: ART 101.

#### Options: (students must select at least one option)

##### Pre-BFA Ceramics

Students must have completed an additional  
3 credit hours from ART 210, 230 or 280 and  
3 credit hours from ART 220 or 240.  
6 credit hours from ART 270, 371, and be enrolled in ART 372.

##### Pre-BFA Graphic Design

Students must have completed an additional  
3 credit hours from ART 210, 230 or 280 and  
3 credit hours from ART 220, 240 or 270.  
3 credit hours from DES 250, and be enrolled in DES 350 and 351.

##### Pre-BFA Interior Design

Students must have completed an additional 12 credit hours from  
DES 122, 222, INT 195, CON 250, and be enrolled in DES 226  
and 330.

##### Pre-BFA Metals and Jewelry

Students must have completed an additional 3 credit hours from  
ART 210, 230 or 280 and 3 credit hours from ART 220 or 270.  
9 credit hours from ART 240, 341, 343, and be enrolled in ART  
344.

##### Pre-BFA Painting

Students must have completed an additional 3 credit hours from  
ART 230, or 280 and 3 credit hours from ART 220, 240 or 270.  
6 credit hours from ART 210, 312, and be enrolled in ART 313 or  
314.

##### Pre-BFA Photography

Students must have completed an additional 3 credit hours from  
ART 210 or 230 and 3 credit hours from ART 220, 240 or 270.  
6 credit hours from ART 280, 381, and be enrolled in ART 382.

##### Pre-BFA Printmaking

Students must have completed an additional 3 credit hours from  
ART 210 or 280 and 3 credit hours from ART 220, 240 or 270.  
6 credit hours from ART 230, 331, and be enrolled in ART 332.

##### Pre-BFA Sculpture

Students must have completed an additional 3 credit hours from  
ART 210, 230 or 280 and 3 credit hours from ART 240 or 270.  
6 credit hours from ART 220, 321, and be enrolled in ART 322 or  
323.

### BFA Degree Requirements

**Major Requirements.....61-70 hours**

**Studio Foundations.....15 hours**

ART 100, 152, 153, 164 and Interior Design: DES 250.

All other areas: ART 101.

**Core.....19-22 hours**

ART 499 and Interior Design: DES 122, 225, 325, 330, 421(6  
hours). All other areas: ART 210, 220, 230, 240, 270, 280, and  
562.

**Options Ceramics.....33 hours**

ART 321, 341, 371, 372, 472, 473, 474, 12 hours ART/DES/ARH  
electives.

**Graphic Design.....33 hours**

DES 250, 350, 351, 352, 353, 354, 450, 451, 453, 454, and 3 hours  
ART/DES/ARH electives.

**Interior Design.....27 hours**

DES 222, 226, 322, 326, 327, 328, 422, 426, 3 hours ART /DES/  
ARH electives.

**Jewelry and Metals.....33 hours**

ART 321, 341, 343, 344, 371, 443, 444, 12 hours ART /DES/ARH  
electives.

**Painting.....33 hours**

ART 312, 313, 314, 413, 414, 6 hours selected from: ART 300,  
312, 331, 381, 12 hours ART /DES/ARH electives.

**Photography.....33 hours**

ART 381, 382, 383, 483, 484, 6 hours selected from: ART 300,  
312, 331, 12 hours ART /DES/ARH electives.

**Printmaking.....33 hours**

ART 331, 332, 333, 432, 434, 6 hours selected from: ART 300,  
312, 381, 12 hours ART /DES/ARH electives.

**Sculpture.....33 hours**

ART 321, 322, 323, 341, 371, 423, 424, 12 hours  
ART /DES/ARH electives.

**Supporting Course Requirements.....9-18 hours**

Interior Design: ADM 302; ARH 390, 391; CON 250; TEC 331;  
INT 195.

All other areas: ARH 390, 391, 3 hours of ARH electives selected  
from: ARH 463, 465, 492, 493, 496, 497, 498, 594, 595.

**General Education Requirements.....42 hours**

Standard General Education program, excluding block VIII  
(6 hours). Refer to Section Four of this Catalog for details  
on the General Education and University requirements.

**University Requirement.....1 hour**

ASO 100.

**Free Electives.....6 hours**

**Total Curriculum Requirements.....128 hours**

### Minors

#### MINOR IN ART (ART HISTORY)

A student may minor in art history by completing a minimum  
of 18 hours as follows: ARH 390, 391, ART 562 and nine hours of  
art history electives.

#### MINOR IN ART (STUDIO)

A student may minor in art studio by completing a minimum  
of 18 hours as follows: ART 100, 152, 153; ARH 390 or 391; and  
six hours of art electives.

**MINOR IN ART (TEACHING)**

A student may minor in art (teaching) by completing a minimum of 24 hours as follows: ART 100, 152, 153, 210, 460; ARH 390, 391; EME 361 or ELE 361.

Candidates earning a degree that leads to teacher certification must take the PRAXIS Series (Professional Assessments for Beginning Teachers) and PLT (Principles of Learning and Teaching) exams as a requirement for graduation. Candidates are encouraged to review the schedule for PRAXIS and PLT registration deadlines prior to beginning the senior year (<http://www.kyepsb.net/assessment/index.asp> AND [www.ets.org/praxis](http://www.ets.org/praxis)). Specialty exams are required for each certification area sought and it may take more than one test date to complete all requirements. Candidates should confer with their education advisor/counselor to determine the most optimal time to take required exams.

**DEPARTMENT OF BIOLOGICAL SCIENCES**

Chair

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Faculty

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**Baccalaureate Degrees**

**BIOLOGY (B.S.)**

*CIP Code: 26.0101*

**Major Requirements.....35-36 hours**

**Biology Core**

BIO 121, 131, 141, 315, 316, 320; 328 or 348; 490, 514, and one elective in biology at the 300-500 level.

**Options** (Must select at least one; courses used for one option may not count toward another option.)

**Aquatic Biology .....15 hours**  
BIO 525, 542, 557, 558, and one course from BIO 340, 556, 561.

**Botany .....15-16 hours**  
BIO 335, 521, 598\*\*, and two courses from BIO 522, 525, 536, 599; BIO 531 or CHE 530 and 532.

**General Biology.....15 hours**  
Any 300, 400, or 500 level BIO course not included in Biology Core or from which Biology majors are not excluded.

**Microbial, Cellular and Molecular Biology .....15 hours**

BIO 331; 511 or 527 or 528 and at least nine additional hours from BIO 511, 527, 528, 530, 531, 535, or 598.

**Supporting Course Requirements.....32-33 hours**

CHE 111, 111L, 112, 112L or 112HL, 361, 361L, 362 and 362L; MAT 124\* or 261\*; PHY 131, 132; STA 215 or STA 270.

**General Education Requirements .....30 hours**

Standard General Education program, excluding blocks II, IVA, IVB, VII (QS), and VIII (6 hours). Refer to Section Four of this *Catalog* for details on the General Education and University requirements.

**University Requirement .....1 hour**

ASO 100.

**Free Electives.....12-15 hours**

**Total Curriculum Requirements .....128 hours**

\*A preparatory course in mathematics (MAT 109) may be required before admission to calculus.

\*\*Must enroll for 3 hours credit.

**BIOLOGY/TEACHING (B.S.)**

*CIP Code: 13.1322*

Refer to the College of Education section of this *Catalog* regarding several teacher certification requirements associated with this degree program.

**Major Requirements.....35-36 hours**

BIO 121, 131, 141, 315, 316, 320; 328 or 348; 490, 514, one biology elective at the 300-500 level.

Strongly recommended: completion of a minor.

**Supporting Course Requirements.....33-37 hours**

CHE 111, 111L, 112, 112L or 112HL, 361, 361L; 362 and 362L, or 330; CSC 104; MAT 107 or 109 or 124\* or 261\*; PHY 131; PHY 132 or GLY 108; STA 215 or STA 270.

**Professional Education Requirements .....31 hours**

EDF 103, 203, 319, 413, SED 401 or 401S, ESE 441, 498, 499.

**General Education Requirements .....30 hours**

Standard General Education program, excluding blocks II, IVA, IVB, VII (QS), and VIII (6 hours). Refer to Section Four of this *Catalog* for details on the General Education and University requirements.

**University Requirement .....1 hour**

ASO 100.

**Total Curriculum Requirements .....130-135 hours**

\*A preparatory course in mathematics (MAT 109) may be required before admission to calculus.

Candidates earning a degree that leads to teacher certification must take the PRAXIS Series (Professional Assessments for Beginning Teachers) and PLT (Principles of Learning and Teaching) exams as a requirement for graduation. Candidates are encouraged to review the schedule for PRAXIS and PLT registration deadlines prior to beginning the senior year (<http://www.kyepsb.net/assessment/index.asp> AND [www.ets.org/praxis](http://www.ets.org/praxis)). Specialty exams are required for each certification area sought and it may take more than one test date to complete all requirements. Candidates should confer with their education advisor/counselor to determine the most optimal time to take required exams.



**ENVIRONMENTAL STUDIES (B.S.)***CIP Code: 26.1301*

- Major Requirements.....33-34 hours**  
 BIO 121, 131, 316, 320; CHE 111, 111L, 112, 112L or 112HL; GLY 108 and GLY 109 and GLY 415 or GLY 504.
- Supporting Course Requirements.....18 hours**  
 CSC 104 or CIS 212, EHS 280, ENG 300, PHI 385, POL 333 or POL 341 or POL 370 or POL 374; STA 215 or STA 270.
- Students Majoring in Environmental Studies must Select One of the Following Program Options:.....12-16 hours**
- Land Resources .....12-13 hours**  
 BIO 490; BIO 558 or GLY 535; BIO 521 or BIO 536; must choose 2 of the following: AGR 315 or 318; ECO 340, EHS 300, 335.
- Natural History .....16 hours**  
 BIO 514, 553, 554; BIO 335 or BIO 536; BIO 542 or 556 or 557; BIO 490.
- Supporting Course Requirements in the Options .....19-23 hours**
- Land Resources .....22-23 hours**  
 AGR 215, CHE 325, GEO 325, 351 and 353, MAT 107 and MAT 108, or MAT 109; must choose 1 of the following: BIO 349, 489, CHE 495, GEO 498, GLY 398.
- Natural History .....19-21 hours**  
 BIO 141, 315; MAT 107 and 108, or 109; Must choose 2 of the following: BIO 328 or 348; BIO 335, 525, 536, 542, 555, 556, 557, GEO 351, 353.
- General Education Requirements .....30 hours**  
 Standard General Education program, excluding general education course blocks II, IIIB, IVA, VII (QS), and VIII (6 hours). Refer to Section Four of this *Catalog* for details on the General Education and University requirements.
- University Requirement .....1 hour**  
 ASO 100.
- Free Electives.....8-12 hours**
- Total Curriculum Requirements.....128 hours**

**WILDLIFE MANAGEMENT (B.S.)***CIP Code: 03.0601*

- Major Requirements.....60-62 hours**  
 BIO 121, 131, 141, 316, 335, 381, 382 or 382W, 489, 490, 514, 553, 554, 557, 584, 585, 586, 587; 558 or 561; BIO 380 or GEO 325.
- Supporting Course Requirements.....26-27 hours**  
 CHE 101, 107, 102; MAT 108 or 124\* or 261\*; STA 215 or 270; AGR 215; GEO 351, 353; one class from the following: COM 200, 201; CMS 250, 310, 320, 325, 375, 400, 420, 450; ENG 300, 301; JOU 305.
- General Education Requirements .....30 hours**  
 Standard General Education program, excluding blocks II, IVA, IVB, VII (QS), and VIII (6 hours). Refer to Section Four of this *Catalog* for details on the General Education and University requirements.
- University Requirement .....1 hour**  
 ASO 100.
- Free Electives.....8-11 hours**
- Total Curriculum Requirements.....128 hours**

\*A preparatory course in mathematics (MAT 109) may be required before admission to MAT 124.

**Minor****MINOR IN BIOLOGY**

A student may qualify for a minor in biology by completing 21 semester hours to include BIO 121, 131, 141, and nine additional hours selected from those 300 through 500 level courses normally taken for one of the majors in the department.

Students may also seek a minor in biology in conjunction with the completion of a teaching certificate, which will qualify them to teach biology at the secondary level. Teacher certification with a minor in biology requires the same 21 semester hours of course work stipulated in the above paragraph.

**DEPARTMENT OF CHEMISTRY****Interim Chair**

**Dr. Lori Wilson**  
 (859) 622-1456  
 Moore 337

**Faculty**

**M. Brock, J. Fuller, A. Garrett, S. Godbey, C. Kanyi, M. Lamar, J. May, L. Morton, T. Reed, B. Shi, D. Smith, N. Tice, D. Vance, and L. Wilson**

**Baccalaureate Degrees****CHEMISTRY (B.A.)***CIP Code: 40.0501*

- Major Requirements.....33-34 hours**  
 CHE 111, 111L, 112, 112L or 112HL, 325, 361, 361L, 362, 362L, 385, 470, 484 plus six hours of upper division chemistry electives (which may include FOR 411).
- Supporting Course Requirements.....14-55 hours**
- Chemistry Option.....14 hours**  
 MAT 124\*; PHY 131 or 201; PHY 132 or 202.
- Chemistry Teaching Option\*\*.....54-55 hours**  
 MAT 124\*; PHY 131 or 201; PHY 132 or 202; BIO 100 or 121; CSC 104 or CIS 212; EDF 103, 203, 319, 413; SED 401 or 401S; ESE 490, 499, 561; GLY 302.
- General Education Requirements .....30-36 hours**  
 Standard General Education program, excluding blocks II, IVA, IVB, VII (QS), and VIII (6 hours) (Teaching Option) or blocks II, IVB, and VIII (6 hours) (Chemistry Option). Refer to Section Four of this *Catalog* for details on the General Education and University requirements.
- University Requirement .....1 hour**  
 ASO 100.
- Free Electives.....8-44 hours**
- Total Curriculum Requirements.....128 hours**

\* A preparatory course in mathematics (MAT 109) may be required before admission to MAT 124.

\*\*Following this curriculum and passing the appropriate standardized teacher exams will lead to certification to teach chemistry at the secondary education level.

**CHEMISTRY (B.S.)**

CIP Code: 40.0501

<b>Major Requirements</b> .....	<b>43-47 hours</b>
<b>Chemistry Core</b> .....	<b>32-33 hours</b>
CHE 111, 111L, 112, 112L or 112HL, 325, 361, 361L, 362, 362L, 385, 473, 484, 485, 574, 575 and must include one of the following options:	
<b>Options**</b>	
<b>Biochemistry</b> .....	<b>11 hours</b>
CHE 525, 530, 531, 532.	
<b>Chemistry</b> .....	<b>14 hours</b>
CHE 515, 525, 530, 550. For the program to be approved by the ACS, the student must elect six additional hours of advanced chemistry courses.	
<b>Supporting Course Requirements</b> .....	<b>22-34 hours</b>
<b>Biochemistry</b> .....	<b>34 hours</b>
BIO 121; 131 or 141; 315 or 320; MAT 124*, 224, 225, PHY 201, 202.	
<b>Chemistry</b> .....	<b>22 hours</b>
MAT 124*, 224, 225, PHY 201, 202. A year of foreign language is recommended.	
<b>General Education Requirements</b> .....	<b>30-33 hours</b>
Standard General Education program, excluding blocks II, IVB, VII (QS), and VIII (6 hours) (chemistry) or course blocks II, IVA, IVB, VII (QS), and VIII (6 hours) (biochemistry). Refer to Section Four of this <i>Catalog</i> for details on the General Education and University requirements.	
<b>University Requirement</b> .....	<b>1 hour</b>
ASO 100.	
<b>Free Electives</b> .....	<b>19-26 hours</b>
<b>Total Curriculum Requirements</b> .....	<b>128 hours</b>

\* A preparatory course in mathematics (MAT 109) may be required before admission to calculus.

\*\* CHE 349 or 349 A-N may not be used to satisfy area, major, or minor requirements.

**FORENSIC SCIENCE (B.S.)**

CIP Code: 43.0106

<b>Pre-Forensic Science Curriculum*</b> .....	<b>38-39 hours</b>
<b>Major Requirements</b> .....	<b>20-21 hours</b>
CHE 111, 111L, 112, 112L or 112HL, 325, 361, 361L, 362, 362L.	
<b>Supporting Course Requirements</b> .....	<b>18 hours</b>
BIO 121, MAT 124**, PHY 131 or 201; PHY 132 or 202.	
<b>Major Requirements</b> .....	<b>33-35 hours</b>
<b>Core Requirements</b> .....	<b>13 hours</b>
CHE 470, FOR 301, 411, 465, and must include one of the following options:	
<b>Forensic Chemistry Option</b> .....	<b>22 hours</b>
FOR 412, 430, 451, nine hours of 400 level forensic science electives, three hours upper division chemistry electives.***	
<b>Forensic Biology Option</b> .....	<b>20 hours</b>
BIO 315, 511, 531; CHE 530 or 531; and six hours of 400 level forensic science electives.	
<b>Supporting Course Requirements</b> .....	<b>6 hours</b>
LAS 210 or PLS 220 or 316; STA 270.	
<b>General Education Requirements</b> .....	<b>30 hours</b>

Standard General Education program, excluding blocks II, IVA, IVB, VII (3 hours), and VIII (6 hours). Refer to Section Four of this *Catalog* for details on the General Education and University requirements.

**University Requirement** .....

**1 hour**

ASO 100.

**Free Electives**.....

**17-20 hours**

**Total Curriculum Requirements**.....

**128 hours**

Must have a cumulative GPA of 2.75/4.0 or better.

\*Application to the Forensic Science (B.S.) major can occur after completion of 29 of all the 38-39 hours for the courses listed. Final admission to the Forensic Science (B.S.) major requires completion of all courses listed. Student must have a GPA of "C"/2.0 or higher for all the courses listed and a minimum cumulative GPA of 2.75 on a 4.0 scale.

\*\*A preparatory course in mathematics (MAT 109) may be required before admission to calculus.

\*\*\*CHE 330, 349 or 349A-N, and 495 may not be used toward the upper division chemistry requirement.

**Minors****MINOR IN CHEMISTRY**

A student may minor in chemistry by completing CHE 111, 111L, CHE 112, 112L or 112HL plus an additional 12 hours of upper division chemistry.

**MINOR IN CHEMISTRY (TEACHING)**

A student may obtain a teaching minor in chemistry by completing CHE 111, 111L, CHE 112, 112L or 112HL plus an additional 12 credits of upper division chemistry.

[NOTE: Given the scope of the required PRAXIS exam that must be passed for a certificate extension in chemistry, the following courses are particularly recommended for students seeking a teaching minor in chemistry: CHE 325, 330, 361/361L, and 470.]

## DEPARTMENT OF COMPUTER SCIENCE

### Chair

Dr. Ka-Wing Wong  
(859) 622-2398  
Wallace 417

### Faculty

K. Chang, B. Janeway, G. Landon, D. Morgan, J. Rezaie,  
C. Rhee, E. Styer, K. Wong, M. Yang, and S. Zhang

### Baccalaureate Degree

#### COMPUTER SCIENCE (B.S.)

CIP Code: 11.0101

#### Program Objectives

Upon completion of this program the graduate will: (1) have a working knowledge of some common programming languages and operating systems; (2) have experience with analysis of software systems, design, documentation, and implementation techniques both as an individual and as a member of a design team; (3) have experience with analysis of hardware systems, design, and implementation techniques; and (4) be qualified for employment as a computer scientist in industry or in government. In addition, (1) graduates under the accredited general computer science option will be prepared to enter a graduate program in computer science; (2) graduates under the computer technology option will be able to take appropriate network certification examination(s), such as Microsoft Network Certification; and (3) graduates under the computer technology option will be qualified to program industrial and process control systems.

<b>Major Requirements.....</b>	<b>30-48 hours</b>
<b>Computer Science Core.....</b>	<b>24 hours</b>
CSC 185, 190, 191, 195, 310, 340, and two of CSC 300, 313, 315, 316, 320, 330, 350, 370, 390, 400, 425, 440, 460, 490, 491, 520, 538, 540, 544, 545, 546, and 550 that are not used for credit in the option.	
<b>Options</b>	
<b>Computer Science (General) .....</b>	<b>24 hours</b>
<i>(Accredited by the Computer Science Accreditation Commission of ABET)</i>	
CSC 200, 320, 330, 370, 400, 440, 460, and 545.	
<b>Computer Technology .....</b>	<b>12 hours</b>
CSC 200, 330, 370, 440, 460, one of CSC 313 or 545; and 3 hours of CSC 349 <sup>1</sup> .	
<b>Bioinformatics .....</b>	<b>6 hours</b>
One of CSC 303 or 520; one of CSC 313 or 545.	
<b>Interactive Multimedia .....</b>	<b>24 hours</b>
CSC 250, 313, 315, 316, 330, 491, 550, and one of 520 or 555.	
<b>Computer Forensics and Security.....</b>	<b>21 hours</b>
CSC 200, 313, 330, 370, 538, 544, and one of CSC 400 or 460.	
<b>Supporting Course Requirements.....</b>	<b>30-55 hours</b>
<b>Computer Science (General).....</b>	<b>31-35 hours</b>
EET 252; MAT 124* or 124H; 214; 224 or 224H; STA 270. One of the following two plans:	

Plan 1: One sequence from Biological lab science courses (BIO 121, 131; or BIO 121, 141); and any two additional courses taken from CHE 111/111L, 112/112L, GLY 108, 109, PHY 131, 132, 201, or 202.

Plan 2: One sequence from Physical lab science courses (CHE 111/111L, 112/112L; GLY 108, 109; or PHY 201, 202); BIO 121; and one additional course from CHE 111/111L, 112/112L, GLY 108, 109, PHY 131, 132, 201, 202, or any 200 level or above science course that counts toward a science major.

<b>Computer Technology .....</b>	<b>30-31 hours</b>
EET 251, 252, 253, 254, 302, 303, 343, 351, and 354; one of MAT 124*, 124H, 211*, or 261*.	
<b>Bioinformatics .....</b>	<b>55 hours</b>
BIO 121, 315, 331, 348, 511, 533; 3 hours of BIO 598; 3 hours of BIO 349; CHE 111/111L, 112/112L, 330, 361, 362; MAT 124* or 124H; STA 270, 320.	
<b>Interactive Multimedia .....</b>	<b>42 hours</b>
COM 200; EET 252; MUS 290; STA 270; two of ART 200, ARH 390 or 391; MAT 124* or 124H; PHY 201; one of ART 100, TEC 190 or 313; MAT 214*; MAT 224.	
<b>Computer Forensics and Security .....</b>	<b>28 hours</b>
APS 110, 438; EET 252, 303, 343, 354; one of MAT 124* or 124H; PLS 220, 408.	
<b>General Education Requirements .....</b>	<b>30-45 hours</b>
<b>Computer Science (General).....</b>	<b>30 hours</b>
Standard General Education program, excluding blocks II, IVA, IVB, VII (NS), and VIII (6 hours). Refer to Section Four of this <i>Catalog</i> for details on the General Education and University requirements.	
<b>Computer Technology .....</b>	<b>45 hours</b>
Standard General Education program, excluding block II. Refer to Section Four of this <i>Catalog</i> for details on the General Education and University requirements.	
<b>Bioinformatics .....</b>	<b>33 hours</b>
Standard General Education program, excluding blocks II, IVA, IVB, and VIII (6 hours). Refer to Section Four of this <i>Catalog</i> for details on the General Education and University Requirements.	
<b>Interactive Multimedia .....</b>	<b>33 hours</b>
Standard General Education program, excluding blocks II, IIIA, IVB, and VII (6 hours). Refer to Section Four of this <i>Catalog</i> for details on the General Education and University Requirements.	
<b>Computer Forensics and Security .....</b>	<b>45 hours</b>
Standard General Education program, excluding block II. Refer to Section Four of this <i>Catalog</i> for details on the General Education and University Requirements.	
<b>University Requirement .....</b>	<b>1 hour</b>
ASO 100.	
<b>Free Electives.....</b>	<b>4-18 hours</b>
<b>Computer Science (General).....</b>	<b>14-18 hours</b>
<b>Computer Technology .....</b>	<b>6-7 hours</b>
<b>Bioinformatics .....</b>	<b>9 hours</b>
<b>Interactive Multimedia .....</b>	<b>4 hours</b>
<b>Computer Forensics and Security .....</b>	<b>9 hours</b>
<b>Total Curriculum Requirements .....</b>	<b>128 hours</b>

<sup>1</sup>Under special circumstances, a student may seek an administrative waiver of the CSC 349 requirement from the Computer Science Curriculum Committee and the department chair. Waiver recipients

are required to complete three semester hours of additional course work approved by the Computer Science Curriculum Committee.

\*A preparatory course in mathematics (MAT 107 and/or MAT 109) may be required before admission to calculus.

**Minor**

**MINOR IN COMPUTER SCIENCE**

**Minor in Computer Science.....21 hours**  
 A student may minor in computer science by completing CSC 185, 190, 191, 195, 310, and two of CSC 200, 313, 320, or 330.

**MINOR IN INTERACTIVE MULTIMEDIA**

A student may minor in Interactive Multimedia by completing CSC 120, 185, 190, 191, 250, 315 and one of GEO 353, ART 100 or TEC 190.

**DEPARTMENT OF ECONOMICS**

**Chair**

**Dr. Gyan Pradhan**  
 (859) 622-1769  
 Beckham 106

**Faculty**

**S. Dickey, J. Harter, R. Houston, J. O'Connor, G. Pradhan, F. Ruppel, J. Wade, and T. Watkins**

**Baccalaureate Degrees**

**ECONOMICS (B.A.)**

*CIP Code: 45.0601*

Upon completion of a degree in Economics students will:  
 1) demonstrate a solid knowledge of modern microeconomic and macroeconomic theory; 2) demonstrate the capacity to apply their knowledge of economic theory to issues of public policy and to problems faced by decision makers in the private sector; 3) demonstrate the capacity to do empirical work in economics, including problem formulation, the retrieval and documentation of data, and statistical techniques; 4) demonstrate the capacity to communicate effectively with different audiences. Additionally, students will be prepared for careers in government and business. Recent graduates are employed in commercial and investment banking, insurance, sales, manufacturing, retailing, and all levels of government. In fact, the federal government hires more Economics students than any other major.

**Major Requirements.....33 hours**

A minimum grade of "C" is required in all courses counted towards the major.

**Economics Core.....21 hours**

ECO 220 or its equivalent, 230, 231, 320, 330W, 331, and 420. Majors must select an option in General Economics, Applied Economics,

International Economics, or Public Policy.

**Options.....12 hours**

**General Economics .....12 hours**

Twelve hours of upper division economics courses.

**Applied Economics.....12 hours**

ECO 300 and nine hours of upper division economics courses.

**International Economics .....12 hours**

ECO 394, 395, and six hours of upper division economics courses.

**Public Policy .....12 hours**

ECO 315, 365, and six hours from ECO 324, 333, 370, 394, 580 or 590.

**Supporting Course Requirements.....21 hours**

Additional supporting course requirements beyond those specified below must be approved by the advisor in consultation with the Chair of the Department of Economics.

**General Economics:** MAT 211 plus 18 hours of courses approved by the advisor.

**Applied Economics:** MAT 107 or 211; six hours of courses approved by the advisor; and twelve hours from a list of approved courses within specific program areas, including (but not limited to) Agriculture, Construction Technology, and Travel and Tourism.

**International Economics:** MAT 107 or 211; six hours of courses approved by the advisor; and one of the following three alternatives: (1) twelve hours of foreign language, (2) twelve hours of area studies to be pre-approved by the advisor and the Chair, or (3) twelve hours from the core and elective courses listed in the International Studies minor.

**Public Policy:** MAT 107 or 211; POL 101, 321, 374; three hours from POL 370, 371, 377; plus six hours of courses approved by the advisor.

**General Education Requirements .....45 hours**

Standard General Education program, excluding general education block II. Refer to Section Four of this *Catalog* for details on the General Education and University requirements.

**University Requirement .....1 hour**

ASO 100.

**Free Electives.....20 hours**

**Total Curriculum Requirements.....120 hours**

**GLOBALIZATION AND INTERNATIONAL AFFAIRS (B.A.)**

*CIP Code: 30.2001*

The intent of the Globalization and International Affairs (GLO) major is to create an interdisciplinary major that focuses on the nature of globalization and its impacts on individuals, communities, regions, and nations, and to assist in broadening the international horizons of ECU students. The program will graduate culturally aware students who are comfortable in a variety of international public-sector, private-sector, and non-profit positions. GLO students will possess an enhanced awareness of worldwide economic and political events and will be able to assess their impacts on international affairs. Upon completion of the GLO degree, graduates will be able to: (1) analyze cultural, economic, geographical, historical, political and social forces affecting globalization, (2) identify factors which impede or encourage globalization, (3) evaluate the impacts of increasing globalization on individuals, communities, regions, and nations, (4) integrate globalization ideas and concepts from the various disciplines into a unified whole, and (5) compete well

for international positions or for domestic positions requiring international expertise.

<b>Major Requirements</b> .....	<b>42 hours</b>
A minimum grade of "C" is required in all courses counted towards the major.	
<b>Foundation Courses</b> .....	<b>15 hours</b>
Complete 15 hours from the following list, including 9 hours from group (a) and 6 hours from group (b).	
(a) ANT 120 or 200 (choose one), ECO 231, GEO 100, POL 212	
(b) Up to six hours of one foreign language	
Up to six hours of of EKU-approved Study Abroad courses	
Up to three hours from one of the following courses: FCC 210, 220, 222, 226, 227	
<b>Core Courses</b> .....	<b>12 hours</b>
ECO 394, GEO 322, HIS 347, POL 220	
<b>Elective Courses</b> .....	<b>12 hours</b>
Choose four courses from the following list, with no more than two having the same course prefix. ECO 340, 395, GEO 302, 330, 347, HIS 320, 346, 350, 365, 375, 378, 380, 384, 386, 434, 474, 475, HUM 360, POL 310, 315, 316, 321, 325, 327, 410, 415, 421, 451, 499, 517, 525, SOC 425, plus (with prior approval) various "special topics" and seminar courses offered by individual departments.	
<b>Capstone Course</b> .....	<b>3 hours</b>
GLO 490, Globalization Senior Seminar.	
<b>Supporting Course Requirements</b> .....	<b>9 hours</b>
MAT 107 or higher (General Education Area II or VII-QS). HIS 247 (General Education Area V-A). ECO 230 (General Education Area V-B).	
<b>General Education Requirements</b> .....	<b>39 hours</b>
Standard General Education program excluding block II or VII-QS; block V-A; and block V-B. Refer to Section Four of this Catalog for details on the General Education and University requirements.	
<b>University Requirement</b> .....	<b>1 hour</b>
ASO 100.	
<b>Free Electives</b> .....	<b>29 hours</b>
<b>Total Curriculum Requirements</b> .....	<b>120 hours</b>

## Minor

### MINOR IN ECONOMICS

A minor in economics is available to students in any college and requires completion of the following courses with a minimum grade of "C" in each course and with at least nine of the upper division hours earned at EKU: ECO 230, 231 and twelve hours upper division courses in economics.

## DEPARTMENT OF ENGLISH AND THEATRE

### Chair

**Dr. James Keller**  
(859) 622-5861  
Case Annex 467

### Coordinator of Theatre Programs

**James Moreton**  
(859) 622-1315  
Campbell 306

### Faculty

**E. Allameh, T. Butler, G. Bedetti, H. Bennett, H. Blythe, J. Boord-Dill, L. Bosley, J. Bryant, R. Clewett, D. Core, K. Creech, L. Day-Lindsey, M. Dean, D. Elias, R. Freed, S. Garland, A. Gossage, R. Hardwick, A. Hunt, G. Hunter, B. Hussey, K. Johnson, J. Keller, J. Kenkel, P. Kopacz, P. Kristofik, S. Kroeg, J. Mace, M. MacLaren, S. Martin, K. McQueen, R. Milde, J. Moreton, R. Mott, M. Myers, G. Nachtwey, C. Neumann, S. Nnoromele, K. Rahimzadeh, C. Rich, S. Robinson, K. Siahkoohi, M. Smith, Y. Smith, J. Stanfill, C. Sweet, B. Szubinska, H. Tracy, S. Tsiang, E. Walker, and K. Warner**

## Baccalaureate Degrees

### ENGLISH (B.A.)

*CIP Code: 23.0101*

Upon completion of an English degree with a Literature emphasis, graduates will: 1) demonstrate a clear sense of the chronological and thematic development of British and American literature, familiarity with canonical writers and works of the age, and a more specialized knowledge in various genres, periods, authors, and literary trends; 2) be prepared for post-baccalaureate professional lives; 3) demonstrate the ability to think, speak, and write more effectively as literary critics. Upon completion of an English degree with a Creative Writing emphasis, graduates will: 1) write a publishable work, critical or creative, and submit it through traditional means/e-submissions; 2) possess knowledge of appropriate writers, the history, pedagogies/theories/genres, 3) possess knowledge of and apply basic research methods in their works, creative or critical, as well as use these skills to research the literary/popular marketplace. Upon completion of the English degree with a Technical Writing emphasis, graduates will: 1) produce various types of technical documents required in the workplace that reflect knowledge of audience, purpose, clarity, and precision; 2) demonstrate competence with hardware/software expected of technical/professional writers.

**Major Requirements**.....**39-56 hours**

**Core** .....

ENG 301, 302\*, 474.

### **Options**

**Literature Emphasis** .....

ENG 350, 351, 352, 353, 410, 492, 499; three hours from one of the following courses: ENG 360, 361, 362, 363, 364, 365, or 366; three hours from one of the following courses: THE 100, 110, 135, 150, 220, 320, 390, 391, 430; and a minimum of 15 additional upper division literature hours,

three of which must be in British literature and three in American literature, nine of the hours must be at the 400 and 500 level.

- Creative Writing Emphasis.....30 hours**  
ENG 350, 351, 352, 353, 410, 490; a minimum of 12 additional hours selected from the following: ENG 306, 406, 407, 408, 409, 420, 502, 503, 504, or one course, for which prerequisites have been met, from the Technical Writing Emphasis.
- Technical Writing Emphasis.....30 hours**  
ENG 350, 351, 352, 353, 410, and a minimum of 15 hours to include ENG 300, 400, 420, 491 and three hours selected from ENG 306, 406, 409, 500, 502, 510.
- Theatre Emphasis .....48 hours**  
ENG 335, 430, and THE 110, 135, 150, 200, 210, 220, 235; 285 or 385; 300; three hours from THE 310, 311 or 320; THE 341, 390, 391, and 130/330 (4), and THE 495.

**Supporting Course Requirements**

- Creative Writing Emphasis.....6 hours**  
Six hours from the following with no more than three semester hours from any one group: CMS 320, 350; COM 201; JOU 305, 307; CIS 212 or CSC 104.
- Technical Writing Emphasis.....12 hours**  
Twelve hours from the courses below: CCT 290, 302, 570; ART 152, BEM 375; CIS 212 or CSC 104; TEC 255, 355; CMS 250, 300, 320, 350; CSC 160, 177, 190; GCM 211, 217, 316, 317.
- General Education Requirements .....48 hours**  
Standard General Education program with requirement of Option 2 from block VIII (6 hours) for the Literature Emphasis, Creative Writing Emphasis, or Technical Writing Emphasis. Refer to Section Four of this *Catalog* for details on the General Education and University requirements.
- University Requirement .....1 hour**  
ASO 100.
- Free Electives.....28-34 hours**
- Total Curriculum Requirements .....128 hours**

\*Should be taken before enrolling in upper level literature courses (with the exception of ENG 350, 351, 352, 353, and 499).

**ENGLISH/TEACHING (B.A.)**

*CIP Code: 13.1305*

Upon completion of an English/Teaching degree, graduates will: 1) demonstrate the ability to analyze and produce texts; 2) demonstrate knowledge of English content areas: literature, language, and composition; 3) demonstrate competency in composing expository essays.

- Major Requirements.....33-52 hours**
- Core .....21 hours**  
ENG 301, 302\*\*, 350 or 351; 352 or 353; 405, 410; 510 or 520.
- Options**
- English Emphasis.....12 hours**  
ENG 440, 474; and at least six additional upper division hours, three of which must be American literature and three British literature; three of these additional hours must be at the 400 level or above.
- Theatre Emphasis .....31 hours**  
THE 110, 135, 150, 200, 220, 235, 130/330 (2), 341, 390 and 391; ENG 335 or 430 or 474.

**Supporting Course Requirements.....6-9 hours**  
**Options**

- English Emphasis.....6 hours**  
Six hours of one foreign language\* at the appropriate level or American Sign Language.
- Theatre Emphasis .....9 hours**  
CMS 100, 205, and 210.
- Professional Education Requirements .....34 hours**  
EDF 103, 203, 319, 413, SED 401 or 401S; ESE 490, 499, 543, and 574.
- General Education Requirements .....42-45 hours**  
Standard General Education program excluding Block VIII (6 hours) for the English Emphasis and Block IC for the Theatre Emphasis. Refer to Section Four of this *Catalog* for details on the General Education and University requirements.
- Free Electives.....0-9 hours**
- University Requirement .....1 hour**  
ASO 100.
- Total Curriculum Requirements .....128-142 hours**

\* 3-6 hours may be waived for high school foreign language study. For details, see Foreign Language Placement and Waiver Guidelines.

\*\*Should be taken before enrolling in upper level literature courses (with the exception of ENG 350, 351, 352, 353, and 499).

Candidates earning a degree that leads to teacher certification must take the PRAXIS Series (Professional Assessments for Beginning Teachers) and PLT (Principles of Learning and Teaching) exams as a requirement for graduation. Candidates are encouraged to review the schedule for PRAXIS and PLT registration deadlines prior to beginning the senior year (<http://www.kyepsb.net/assessment/index.asp> AND [www.ets.org/praxis](http://www.ets.org/praxis)). Specialty exams are required for each certification area sought and it may take more than one test date to complete all requirements. Candidates should confer with their education advisor/counselor to determine the most optimal time to take required exams.

**TEACHING ENGLISH AS A SECOND LANGUAGE ENDORSEMENT**

Students planning to add a teaching English as a second language endorsement to their certification need to take ENG 510, 515, 520, and, in addition to other teacher education requirements listed, EMS 575.

**Minors**

**MINOR IN ENGLISH**

- Requirements.....18 hours**  
ENG 301, 302\*\*, and at least 12 additional upper level hours in literature and/or writing courses.

\*\*Should be taken before enrolling in upper level literature courses (with the exception of ENG 350, 351, 352, 353, and 499).

**MINOR IN ENGLISH (TEACHING)**

- Requirements.....24 hours**  
 ENG 301, 302\*\*; 350 or 351; 352 or 353; 405, 410; 510 or 520; and at least three additional upper level hours. Minor is available only to students having a teaching major in another field.
- Supporting Course Requirements.....3 hours**  
 ESE 574.
- Total Curriculum Requirements .....27 hours**

\*\*Should be taken before enrolling in upper level literature courses (with the exception of ENG 350, 351, 352, 353, and 499).

Candidates earning a degree that leads to teacher certification must take the PRAXIS Series (Professional Assessments for Beginning Teachers) and PLT (Principles of Learning and Teaching) exams as a requirement for graduation. Candidates are encouraged to review the schedule for PRAXIS and PLT registration deadlines prior to beginning the senior year (<http://www.kyepsb.net/assessment/index.asp> AND [www.ets.org/praxis](http://www.ets.org/praxis)). Specialty exams are required for each certification area sought and it may take more than one test date to complete all requirements. Candidates should confer with their education advisor/counselor to determine the most optimal time to take required exams.

**MINOR IN THEATRE ARTS**

- Requirements.....18 hours**  
 THE 110, 135, 130/330 (3), 341; 390 or 391; and three hours of theatre arts electives.

**MINOR IN THEATRE ARTS (TEACHING)**

- Requirements.....21 hours**  
 THE 110, 135, 130/330 (3), 341; 390 or 391; and six hours of theatre arts electives.

Candidates earning a degree that leads to teacher certification must take the PRAXIS Series (Professional Assessments for Beginning Teachers) and PLT (Principles of Learning and Teaching) exams as a requirement for graduation. Candidates are encouraged to review the schedule for PRAXIS and PLT registration deadlines prior to beginning the senior year (<http://www.kyepsb.net/assessment/index.asp> AND [www.ets.org/praxis](http://www.ets.org/praxis)). Specialty exams are required for each certification area sought and it may take more than one test date to complete all requirements. Candidates should confer with their education advisor/counselor to determine the most optimal time to take required exams.

**DEPARTMENT OF FOREIGN LANGUAGES AND HUMANITIES****Chair**

**Dr. Ezra Engling**  
 (859) 622-2996  
 Case Annex 368

**Faculty**

**J. Austad, D. Carter, M. Cortes-Castaneda, E. Engling, R. King, T. Kiogora, T. Langenbruch, W. Liddell, M. Machado, N. Okura, A. Poffenberger, R. Polk, J. Varela, N. Wright, and S. Zaragoza**

**Mission and Goals**

The Department of Foreign Languages & Humanities is a multi-disciplinary unit which offers a variety of programs through which students gain new insights into other cultures, and develop the language skills necessary for participation and leadership in the global community. Our major and minor programs in Comparative Humanities provide students with opportunities to explore the literary and cultural heritage of other peoples and to acquire a critical understanding of their own heritage. The French and Spanish programs prepare the students to communicate in two major world languages which are both spoken on several continents. Our French and Spanish teaching degrees help meet the increasingly critical need for foreign language teachers in Kentucky. We also offer certificate programs primarily for non-language majors with emphasis on basic conversation skills and cultural understanding, currently available in French, German, Japanese, and Spanish. The department helps students to fulfill General Education requirements in Blocks III and VIII through course offerings in French (FRE), German (GER), Japanese (JPN), Latin (LAT), Spanish (SPA), and occasionally other languages such as Arabic (as FLS courses); through foreign culture and civilization courses (FCC); and also through the basic sequence of Humanities courses (HUM). All our courses, whether in language, literature, culture, or humanities, strive to foster an atmosphere in which students can experience the joy of learning and intellectual fulfillment while developing deeper understanding and appreciation of cultural diversity.

1. Certain courses are inappropriate for students with native or near-native fluency in a particular language. Native speakers of a foreign language (i.e. a language other than English) are welcome to take our courses at an appropriate skill level. However, such students cannot be given credit for introductory courses (100/200 level), in their native language either by enrolling in the course or by taking an exam for credit. Exceptions to this restriction, such as heritage speakers who need to take a lower level course to correct language deficiencies, must be approved by the relevant foreign language faculty in consultation with the chair. Other exceptions may apply, at the discretion of the coordinator and foreign language faculty in conjunction with the chair.
2. Students who transfer credits must earn no fewer than 15 upper-division hours in the major and 9 upper-division hours in the minor at EKU, the exact minimum to be determined by the department chair in consultation with the faculty in the major area.
3. Eastern Kentucky University students are required to obtain the department chair's written prior approval of any course

work they plan to transfer back to EKU for application to the major or minor.

4. A grade of “C” or higher is required in each course to be applied toward the major and minor.
5. Students in teaching programs must attain a minimum 2.75 GPA in their teaching major to be recommended for student teaching.
6. French and Spanish majors must attain a minimum 2.75 GPA in the major, and must also pass a departmental proficiency exam which covers spoken and written language, culture, and literature. Teaching majors must pass the proficiency exam to be recommended for student teaching. Students will ordinarily take the exam no later than in the first semester of their senior year.

**Baccalaureate Degrees**

**COMPARATIVE HUMANITIES (B.A.)**

*CIP Code: 24.0103*

<b>Major Requirements.....</b>	<b>36 hours</b>
<b>Area I: Humanities Core.....</b>	<b>12 hours</b>
HUM 302; HUM 360 (or alternate upper division course in non-Western traditions); six hours from HUM 320, 330, 340, 350.	
<b>Area II: Focus.....</b>	<b>12 hours</b>
Twelve hours in upper division courses focused in a single discipline, historical period, or area of study. Examples include philosophy, the modern era, and Latin American studies. The focus and the courses which comprise it must be approved by the Humanities advisor. Eligible courses include courses in African/African-American Studies, Anthropology, Appalachian Studies, Art History, Broadcasting, Communications, Design History, English and Theatre, Foreign Culture and Civilization, French, German, Spanish, or Japanese literature and culture, History, Humanities, Music History, Philosophy and Religion, and Women and Gender Studies. Additional upper division courses may be approved for credit pending review of the syllabus by the Humanities advisor.	
<b>Area III: Electives and Thesis.....</b>	<b>12 hours</b>
Six hours in upper division electives chosen from the participating departments listed in Area II above; HUM 490; HUM 499.	
<b>General Education Requirements .....</b>	<b>48 hours</b>
Standard General Education program. Refer to Section Four of this <i>Catalog</i> for details on the General Education and University requirements.	
<b>University Requirement .....</b>	<b>1 hour</b>
ASO 100.	
<b>Free Electives.....</b>	<b>43 hours</b>
<b>Total Curriculum Requirements.....</b>	<b>128 hours</b>

**FRENCH (B.A.)**

*CIP Code: 16.0901*

<b>Major Requirements.....</b>	<b>30 hours</b>
A student may major in French by completing a minimum of 30 semester hours in French courses numbered 200 and above. The following courses are required: FRE 340, 360; six hours from FRE 301, 302, 312, 313, 314, or 315; and nine hours of upper division electives. A grade of “C” or higher is required in each course for credit toward the	

major. Students must attain a 2.75 GPA in their major and are required to pass a departmental proficiency exam which covers spoken and written language, culture, and literature.

<b>Supporting Course Requirements.....</b>	<b>3 hours</b>
FCC 220 is required.	
<b>General Education Requirements .....</b>	<b>45 hours</b>
Standard General Education program, excluding block IIIB. Refer to Section Four of this <i>Catalog</i> for details on the General Education and University requirements.	
<b>University Requirement .....</b>	<b>1 hour</b>
ASO 100.	
<b>Free Electives.....</b>	<b>41 hours</b>
<b>Total Curriculum Requirements .....</b>	<b>120 hours</b>

**FRENCH/TEACHING (B.A.)**

*CIP Code: 13.1325*

<b>Major Requirements.....</b>	<b>30 hours</b>
A student may major in French by completing a minimum of 30 semester hours in French courses numbered 200 and above. The following courses are required: FRE 340, 360; six hours selected from FRE 301, 302, 312, 313, 314, or 315; and nine hours of upper division electives. A grade of “C” or higher is required in each course for credit toward the major. Students must attain a 2.75 GPA in their teaching major and must pass a departmental proficiency exam, which covers spoken and written language, culture, and literature, to be recommended for student teaching.	
<b>Supporting Course Requirements.....</b>	<b>3 hours</b>
FCC 220 is required.	
<b>Professional Education Requirements .....</b>	<b>34 hours</b>
EDF 103, 203, 319, 413; SED 401 or 401S; EME 442, EMS 499; ESE 490 and 543.	
<b>General Education Requirements .....</b>	<b>45 hours</b>
Standard General Education program, excluding block IIIB. Refer to Section Four of this <i>Catalog</i> for details on the General Education and University requirements.	
<b>University Requirement .....</b>	<b>1 hour</b>
ASO 100.	
<b>Free Electives.....</b>	<b>7 hours</b>
<b>Total Curriculum Requirements .....</b>	<b>120 hours</b>

Candidates earning a degree that leads to teacher certification must take the PRAXIS Series (Professional Assessments for Beginning Teachers) and PLT (Principles of Learning and Teaching) exams as a requirement for graduation. Candidates are encouraged to review the schedule for PRAXIS and PLT registration deadlines prior to beginning the senior year (<http://www.kyepsb.net/assessment/index.asp> AND [www.ets.org/praxis](http://www.ets.org/praxis)). Specialty exams are required for each certification area sought and it may take more than one test date to complete all requirements. Candidates should confer with their education advisor/counselor to determine the most optimal time to take required exams.

**SPANISH (B.A.)**

*CIP Code: 16.0905*

<b>Major Requirements.....</b>	<b>30 hours</b>
A student who majors in Spanish will take a minimum of 30 semester hours in courses numbered 200 and above; 21 of these hours must be at the 300 level or above. A grade of	



“C” or higher is required in each course for credit toward the major. Students must attain a 2.75 GPA in their major and are required to pass a departmental proficiency exam which covers spoken and written language, culture, and literature.

- General Education Requirements .....48 hours**  
Standard General Education program. Refer to Section Four of this *Catalog* for details on the General Education and University requirements.
- University Requirement .....1 hour**  
ASO 100.
- Free Electives.....41 hours**
- Total Curriculum Requirements .....120 hours**

**SPANISH/TEACHING (B.A.)**

*CIP Code: 13.1330*

- Major Requirements.....30 hours**  
A student may major in Spanish by completing a minimum of 30 hours in courses numbered 200 and above; 21 of these hours must be at the 300 level or above. The following courses are required: SPA 206 (waived in case of demonstrable oral proficiency); 301 and 360; 380 or 381; three hours from 405, 406, 407. A grade of “C” or higher is required in each course for credit toward the major. Students must attain a 2.75 GPA in their teaching major and must pass a departmental proficiency exam, which covers spoken and written language, culture, and literature, to be recommended for student teaching.
- Professional Education Requirements .....34 hours**  
EDF 103, 203, 319, 413, SED 401 or 401S; EME 442, ESE 490, 543, and EMS 499.
- General Education Requirements .....48 hours**  
Standard General Education Program. Refer to Section Four of this *Catalog* for details on the General Education and University requirements.
- University Requirement .....1 hour**  
ASO 100.
- Free Electives.....7 hours**
- Total Curriculum Requirements .....120 hours**

Candidates earning a degree that leads to teacher certification must take the PRAXIS Series (Professional Assessments for Beginning Teachers) and PLT (Principles of Learning and Teaching) exams as a requirement for graduation. Candidates are encouraged to review the schedule for PRAXIS and PLT registration deadlines prior to beginning the senior year (<http://www.kyepsb.net/assessment/index.asp> AND [www.ets.org/praxis](http://www.ets.org/praxis)). Specialty exams are required for each certification area sought and it may take more than one test date to complete all requirements. Candidates should confer with their education advisor/counselor to determine the most optimal time to take required exams.

**Minors**

**MINOR IN FRENCH**

- Requirements.....18 hours**  
A student may minor in French by completing a minimum of 18 hours in French, 9 hours of which may include FRE 201, 202, 204, 210 and/or 295. A minimum of 9 hours must be in courses numbered 300 and above. A grade of “C” or higher is required in each course for credit toward the minor.

[Students entering the program with two or more years of high school French should take FRE 201, 202, 204 or 210, and 9 hours of French at the 300 level or above. Students entering the program with no previous French should take FRE 101, 102, 201, 202, 204 or 210, and 9 hours of French at the 300 level or above.]

- Supporting Course Requirements.....3 hours**  
FCC 220.
- Total Curriculum Requirements .....21 hours**

**MINOR IN HUMANITIES**

- Requirements.....18 hours**  
A student may minor in humanities by completing the following courses: HUM 302; six hours from HUM 300, 320, 330, 340, 350, or 360; nine hours from ARH 390, 391, ENG 334, 335, 337, 340, 345, 350, 351, 352, 353, 374,375, FCC 220, 222, 226, 227, HIS 336, 337, 339, 341, 342, 343, 344, 347, MUH 371, 372, PHE 200\*, PHI 300, 310, 320, 330, 332, 342, THE 390, 391, or REL 301.

\*Students who plan to teach humanities in the public schools should select this course.

- Total Curriculum Requirements.....18 hours**

\*Students who plan to teach humanities in the public schools should select this course.

**MINOR IN SPANISH**

- Requirements.....21 hours**  
A student may minor in Spanish by completing a minimum of 21 semester hours in courses numbered 200 and above; 12 of these hours must be at the 300 level or above. Strongly recommended: HIS 384. A grade of “C” or higher is required in each course for credit toward the minor.

- Total Curriculum Requirements .....21 hours**

**Certificates**

**CERTIFICATE IN FRENCH CONVERSATION AND CULTURE**

- Prerequisites .....0-6 hours**  
FRE 101 and 102 (or equivalent).
- Requirements.....15 hours**  
FCC 220; nine hours from FRE 201, 202, 204, 210; 310, 320, or 350. A grade of “C” or higher is required in each course for credit toward the certificate.
- Total Curriculum Requirements .....15-21 hours**

**CERTIFICATE IN GERMAN CONVERSATION AND CULTURE**

- Prerequisites .....0-6 hours**  
GER 101 and 102 (or equivalent).
- Requirements .....15 hours**  
FCC 222; GER 201, 202, 240, and 340. A grade of “C” or higher is required in each course for credit toward the certificate.
- Total Curriculum Requirements .....15-21 hours**

**CERTIFICATE IN JAPANESE CONVERSATION AND CULTURE**

**Requirements** .....15 hours  
 FCC 227; JPN 101, 102, 201, 202. A grade of “C” or higher is required in each course for credit toward the certificate.  
**Total Curriculum Requirements** .....15 hours

**CERTIFICATE IN SPANISH**

**Prerequisites** .....0-6 hours  
 SPA 101 and 102 or 105 (or equivalent).  
**Requirements** .....15 hours  
 SPA 201, 202, 206, and six hours of upper-division Spanish courses. A grade of “C” or higher is required in each course for credit toward the certificate.  
**Total Curriculum Requirements** .....15-21 hours

**DEPARTMENT OF GEOGRAPHY AND GEOLOGY**

**Chair**  
**Dr. John White**  
 (859) 622-1273  
 Roark 103

**Faculty**

W. Borowski, G. Campbell, B. Davis, M. Dieckmann, S. Farrar, F. Tyler Huffman, A. Jones, R. Lierman, J. White, D. Yow, S. Yow, and D. Zurick

**Baccalaureate Degrees**

**EARTH SCIENCE/TEACHING (B.S.)**

*CIP Code: 13.1337*

**Major Requirements**.....30-33 hours  
 AST 130 or 135, 330; GEO 115; GLY 102, 109, 303, 304, three from the following: GEO 315; GLY 309, 315, 408, 410, 415, 420, 482, and 490.  
**Minor Requirements**.....13-21 hours  
 A teaching minor in biology, chemistry, mathematics, or physics is required.  
**Supporting Course Requirements**.....15-21 hours  
 BIO 100 or BIO 121; GLY 210 or CHE 100 or 101 and 107 or 111 and 111L; MAT 108 or higher; PHY 101 or 102 or 131; CSC 104 or CIS 212.  
**Teacher Education Requirements**.....31 hours  
 EDF 103, 203; 319, 413; SED 401 or 401S; ESE 490, 499, and 561.  
**General Education Requirements**.....36 hours  
 Standard General Education program excluding blocks II, IVA, IVB and VII (QS). Refer to Section Four of this Catalog for details on the General Education and University requirements.  
**University Requirement**.....1 hour  
 ASO 100.  
**Total Curriculum Requirements**.....126-143 hours

Candidates earning a degree that leads to teacher certification must take the PRAXIS Series (Professional Assessments for Beginning Teachers) and PLT (Principles of Learning and Teaching) exams as a requirement for graduation. Candidates are encouraged to review the schedule for PRAXIS and PLT registration deadlines prior to beginning the senior year (<http://www.kyepsb.net/assessment/index.asp> AND [www.ets.org/praxis](http://www.ets.org/praxis)). Specialty exams are required for each certification area sought and it may take more than one test date to complete all requirements. Candidates should confer with their education advisor/counselor to determine the most optimal time to take required exams.

**GEOGRAPHY (B.A.)**

*CIP Code: 45.0701*

**Program Objectives**

The mission of the Bachelor of Arts in Geography is to sustain a progressive and supportive environment where students can grow intellectually and professionally by: 1) providing a comprehensive and modern curriculum that affirms geography’s historic position at the center of a strong liberal arts tradition; 2) providing a scholastic and experiential foundation that prepares all students to live and work in the information age of a global society; and 3) promoting integrative and holistic geographic perspectives on regional issues (local, regional, and global) through interdisciplinary collaboration in research and teaching. The program values the fundamental joy of learning, all types of intellectual exploration, and pedagogical innovation. Geographic knowledge, theories, and methods provide analytical techniques applicable to a wide range of questions asked over a broad spectrum of occupations. A bachelor’s degree in geography provides marketable skills and the broad perspectives on environment and society that enable graduates to move beyond entry-level positions. Geography also provides a sound foundation for students who plan to enter graduate work in a variety of fields, from geography to business, land use planning, law, and medicine. The potential for practicing geography in private enterprise and government has grown considerably in recent years. In fact, the U.S. Department of Labor identified geotechnology as one of the three most important emerging and evolving fields along with nanotechnology and biotechnology. The Department of Geography and Geology at ECU is committed to preparing its students for careers in geography as demonstrated by its high quality curriculum, involving undergraduates in faculty research, and its rich history of securing student internships. All students should emerge from the geography major at ECU with realistic ideas about how to implement their geographic knowledge and skills in occupational pursuits in a variety of settings.

**Major Requirements**.....39 hours  
**Geography Core**.....15 hours  
 GEO 100, 210, 220, 353, and 490.  
**Geography Electives** .....24 hours  
**(18 hours must be upper division)**  
 Majors are strongly encouraged to select their GEO elective hours and free elective hours in consultation with an advisor.  
**Supporting Course Requirements**.....9 hours  
 GLY 102 or 107 or 108; SOC 232; and ECO 120 or ECO 230.  
**General Education Requirements** .....42 hours  
 Standard General Education program, excluding blocks IVB and VB. Refer to Section Four of this *Catalog* for details on the General Education and University requirements.

<b>University Requirement</b> .....	<b>1 hour</b>
ASO 100.	
<b>Free Electives</b> .....	<b>29 hours</b>
<b>Total Curriculum Requirements</b> .....	<b>120 hours</b>

Note: Students interested in Travel and Tourism should contact the Department of Geography and Geology.

### **GEOLOGY (B.S.)**

*CIP Code: 40.0601*

<b>Major Requirements</b> .....	<b>44 hours</b>
<b>Introductory Geology Course</b> .....	<b>3 hours</b>
GLY 102 or 107 or 108 or 109 or 172 or 302 or 303 or 304 or 305 or GEO 210.	
<b>Geology Core</b> .....	<b>26 hours</b>
GLY 309, 315, 409, 410, 415, 420, 550.	
<b>Geology Electives</b> .....	<b>15 hours</b>
Choose from GLY 351, 408, 490, 499, 512, 535, 540, 580; GEO 456, 553, 556; and STA 215 or 270. The student may elect to substitute GLY 451 or an approved six semester hour summer field camp in geology for GLY 351 and one other course.	
<b>Supporting Course Requirements</b> .....	<b>15-21 hours</b>
BIO 100 or BIO 121; GLY 210 or CHE 111 and 111L; GEO 353 or 456; MAT 108 or higher; PHY 101 or higher.	
<b>General Education Requirements</b> .....	<b>39 hours</b>
Standard General Education program excluding blocks II, IVA, IVB. Refer to Section Four of this <i>Catalog</i> for details on the General Education and University requirements.	
<b>University Requirement</b> .....	<b>1 hour</b>
ASO 100.	
<b>Free Electives</b> .....	<b>15-21 hours</b>
<b>Total Curriculum Requirements</b> .....	<b>120 hours</b>

### **Minors**

#### **MINOR IN EARTH SCIENCE/TEACHING**

A student may minor in earth science (teaching) by completing a minimum of 21 semester hours as follows: GLY 108, 109, 304; GEO 315; AST 135; and any two from the following: GLY 303, 309, 351, 408, 410, 415, 420, and 550; or approved electives from astronomy or geography. The teaching minor in earth science must be coupled with a teaching major in biology, chemistry, computer science/mathematics, mathematics, or physics.

Candidates earning a degree that leads to teacher certification must take the PRAXIS Series (Professional Assessments for Beginning Teachers) and PLT (Principles of Learning and Teaching) exams as a requirement for graduation. Candidates are encouraged to review the schedule for PRAXIS and PLT registration deadlines prior to beginning the senior year (<http://www.kyepsb.net/assessment/index.asp> AND [www.ets.org/praxis](http://www.ets.org/praxis)). Specialty exams are required for each certification area sought and it may take more than one test date to complete all requirements. Candidates should confer with their education advisor/counselor to determine the most optimal time to take required exams.

#### **MINOR IN GEOGRAPHIC INFORMATION SYSTEMS**

A student may minor in geographic information systems by completing a total of 18 hours as follows: GEO 351, 353, 456, 553, 555, and 556.

Note: minor not open to geography majors.

#### **MINOR IN GEOGRAPHY**

A student may minor in geography by completing a total of 18 semester hours as follows: GEO 200, 210, 220, and nine hours of upper-division geography electives.

#### **MINOR IN GEOLOGY**

A student may minor in geology by completing a minimum of 18 semester hours as follows: a maximum of six hours from GLY 102 or 107 or 108 or 109 or 172 or 302 or 303 or 304 or 305; a minimum of 12 additional hours of upper-division geology courses.

### **DEPARTMENT OF GOVERNMENT**

#### **Interim Chair**

**Dr. Lynnette Noblitt**  
**(859) 622-5931**  
**McCreary 113**

#### **Faculty**

**S. Barracca, L. Beaty, J. Ewalt, P. Foote, J. Gershtenson, G. Gunderson, W. Hatcher, D. Kasitz, T. Martin, L. Noblitt, T. Parker, G. Rainey, J. Rainey, R. Swain, E. Tackett, L. Wimberly, and S. Zeigler**

#### **Paralegal Program**

The paralegal programs offer a Bachelor of Arts degree and Post-Baccalaureate Certificate in paralegal science and an Associate of Arts degree in paralegal studies. The objectives of the programs are: (1) to create, implement, and maintain a strong, flexible program directed to the quality education of occupationally competent paralegals; (2) to provide a paralegal education program that leads to employment of its graduates by a wide range of employers; (3) to provide paralegals with a well-rounded, balanced education founded on a beneficial mix of general education, theory, and practical courses stressing understanding and reasoning rather than rote learning of facts; (4) to support the general principles of ethical legal practice, professional responsibility, and the prohibitions against the unauthorized practice of law by a lay person; (5) to provide an educational program that is responsive to the varied needs of the state of Kentucky and the region and contributes to the overall advancement of the legal profession; (6) to provide a program which instills respect for the legal profession and its foundations, institutions, and quest for justice; and (7) to maintain equality of opportunity in the educational program without discrimination or segregation on the grounds of race, color, religion, natural origin, or sex.

**Departmental Degree Requirements**

Paralegal majors and minors must attain a minimum grade of “C” in all major and supporting courses. A minimum grade of “C” must be earned in LAS 210 before taking LAS 220 and 320. A minimum grade of “C” must be earned in LAS 220 before being admitted to any of the other upper division requirements.

Paralegal majors and minors must take a minimum of ten (10) semester credits of courses from Major/Minor Requirements in a traditional in-person or ITV format. No courses taken in an online or web-based format can count toward this ten (10) semester credit requirement.

**Transfer Students**

Transfer students must take a minimum of 15 semester hours of paralegal (LAS) courses at ECU to earn a paralegal degree.

**Baccalaureate Degrees**

**PARALEGAL SCIENCE (B.A.)**

*CIP Code: 22.0302*

**Major Requirements.....40 hours**

LAS 210, 220, 300, 325, 350, 355, 385, 399, 410 and 12 hours from LAS 330, 340, 360, 370, 380, 460 or 490.

**Supporting Course Requirements.....12 hours**

ACC 201, ENG 300, POL 101, and three hours from POL 460, 463, or 464.

**General Education Requirements .....45 hours**

Standard General Education program, excluding block VB. Refer to Section Four of this *Catalog* for details on the General Education and University requirements.

**University Requirement .....1 hour**

ASO 100.

**Free Electives.....22 hours**

**Total Curriculum Requirements .....120 hours**

**POLITICAL SCIENCE (B.A.)**

*CIP Code: 45.1001*

**Major Requirements.....33 hours**

POL 101, 212, 220, 280, 370 or 374, 551 or 552 or 553. An additional 12 hours of POL courses, all of which must be numbered 300 or above. No more than six hours of POL courses numbered 300 or above may be taken prior to completing POL 280. Diversity Requirement: 3 hours from POL 345, 347, 373, 376, 445, 446, 464, or an appropriate POL course approved by the Chair.

No more than 6 hours of POL 349 may be applied toward major requirements.

(To identify courses in international relations, comparative government, American government, public administration and methodology see the note preceding POL course descriptions.)

**General Education Requirements .....48 hours**

Standard General Education program. Refer to Section Four of this *Catalog* for details on the General Education and University requirements.

**University Requirement .....1 hour**  
ASO 100.

**Free Electives.....38 hours**

**Total Curriculum Requirements .....120 hours**

**Associate Degree**

**PARALEGAL STUDIES (A.A.S.)**

*CIP Code: 22.0302*

**Major Requirements.....37 hours**

LAS 210, 220, 300, 325, 350, 355, 385, 399, 410 and nine hours from LAS 330, 340, 360, 370, 380, or 460.

**Supporting Course Requirements .....25 hours**

ASO 100, six hours of English Composition\*, three hours general education humanities\*, POL 101\*, MAT 105\* or higher, three hours general education elective\* (not POL), ACC 201, and ENG 300.

**Free Electives.....2 hours**

**Total Curriculum Requirements .....64 hours**

\*Courses meeting general education requirements.

**Minors**

**MINOR IN PARALEGAL STUDIES**

A student may minor in Paralegal Studies by completing a total of 18 hours as follows: LAS 210, 220, 300, 350, 355, and 410.

**MINOR IN POLITICAL SCIENCE**

A student may minor in political science by completing POL 101 plus 15 hours of which nine hours must be in courses numbered 300 or above. No more than three hours of POL 349 may count toward the minor.

**MINOR IN PUBLIC ADMINISTRATION**

A student may minor in public administration by completing a total of 18 hours as follows: POL 101, POL 370, POL 374, and nine hours from POL 332 or POL 333, POL 371, POL 373, POL 376, POL 377, and POL 565. Upper division courses applied to the public administration minor may not be applied to the political science minor.

**Certificate**

**CERTIFICATE IN PARALEGAL SCIENCE  
(POST-BACCALAUREATE)**

**Requirements.....30-31 hours\*\***

LAS 210, 220, 300, 350, 355, 410, plus 12 hours of LAS courses chosen from LAS 325, 330, 340, 360, 370, 380, 385, 399.\*

\*LAS 399 is a 4 semester hour course.

\*\*Students with 75 hours or more may begin taking courses toward the post-baccalaureate certificate. At least 18 hours toward the certificate must be taken subsequent to receiving a bachelor's degree.

## DEPARTMENT OF HISTORY

**Chair**  
**Dr. Christiane Taylor**  
 (859) 622-1288  
 Keith 325

### Faculty

O. Anyanwu, T. Appleton, D. Blaylock, J. Bowes, D. Coleman, C. Dupont, T. Hartch, R. Huch, J. Jay, L. Kafka, J. Lowry, B. MacLaren, J. Spock, C. Stearn, C. Taylor, R. Weise, B. Wood, and M. Yazdani.

### Baccalaureate Degrees

**HISTORY (B.A.)**  
*CIP Code: 54.0101*

#### **Program Objectives**

Upon successful completion of this program, graduates will be able to: 1) demonstrate knowledge of U.S. history, European history, and selected aspects of non-Western history at a high level; 2) demonstrate their ability to write effectively (all students in the program will complete term papers as part of their major requirements); and 3) execute a major research project utilizing both primary and secondary sources. All students in the baccalaureate program will submit prior to graduation a formal research project which includes both primary and secondary sources. In addition to pursuing careers in education, graduates of this degree program have found employment in business, journalism, public history, library work, government and law. A history degree is excellent preparation for law school as well as graduate programs in library science, public history and many other fields. Many employers value the research, writing and analytical skills developed through the study of history.

#### **Major Requirements.....33 hours**

HIS 202, 203, 290, 450W, and 21 upper division hours with a minimum of six hours in each of the following distribution areas (including two of the following three courses: 302A, 302B, 302C):

Area I (U.S.): HIS 300A (3 hours), 302A, 303, 304, 305, 309, 401, 402, 403, 404, 405, 406, 407, 411, 412, 413, 415, 420, 424, 433, 435, or 516.

Area II (Europe): HIS 300B (3 hours), 301, 302B, 310, 336, 337, 339, 341, 342, 343, 344, 345, 346, 350, 363, or 365.

Area III (Non-Western): HIS 300C (3 hours), 302C, 308, 320, 330, 347, 374, 375, 378, 380, 383, 384, 385, 386, 388, 434, 474, or 475.

The remaining upper division history course may come from any of the above areas or from other upper division history courses except HIS 302A, B, C.

#### **General Education Requirements.....48 hours**

Standard General Education program. Refer to Section Four of this *Catalog* for details on the General Education and

University requirements.

**University Requirement .....1 hour**

ASO 100.

**Free Electives.....38 hours**

At least three hours of one foreign language is strongly recommended. Students who plan to pursue a graduate degree are strongly encouraged to take at least six hours of a foreign language.

**Total Curriculum Requirements .....120 hours**

### **HISTORY/TEACHING (B.A.)**

*CIP Code: 13.1328*

#### **Program Objectives**

Upon successful completion of this program, graduates will be able to: 1) demonstrate knowledge of U.S. History, European history, and selected aspects of non-Western history at a high level; 2) demonstrate their ability to write effectively (all students in the program will complete term papers as part of their major requirements); and 3) execute a major research project utilizing both primary and secondary resources. All students in the baccalaureate degree program will submit prior to graduation a formal research project which includes both primary and secondary resources. The History/Teaching B.A. is designed above all for those who wish to pursue careers in social studies at the secondary level. Offered in cooperation with the ECU College of Education, the History/Teaching B.A. program includes secondary teaching certification in social studies. Refer to the College of Education section of this *Catalog* regarding the teacher certification requirements associated with this degree program.

#### **Major Requirements.....33 hours**

HIS 202, 203, 290, 450, and 21 upper division hours with a minimum of six hours in each of the following distribution areas (including two of the following three courses: 302A, 302B, 302C):

Area I (U.S.): HIS 300A (3 hours), 302A, 303, 304, 305, 309, 401, 402, 403, 404, 405, 406, 407, 411, 412, 413, 415, 420, 424, 433, 435 or 516.

Area II (Europe): HIS 300B (3 hours), 301, 302B, 310, 336, 337, 339, 341, 342, 343, 344, 345, 346, 350, 363 or 365.

Area III (Non-Western): HIS 300C (3 hours), 302C, 308, 320, 330, 347, 374, 375, 378, 380, 383, 384, 385, 386, 388, 434, 474 or 475.

The remaining upper division history course may come from any of the above areas or from other upper division history courses except HIS 302A, B, C.

#### **Supporting Course Requirements.....18 hours**

ANT 120 or SOC 131; ECO 120; PSY 200; GEO 100; POL 101; POL 212 or 220.

#### **Professional Education Requirements .....31 hours**

EDF 103, 203, 319, 413, SED 401 or 401S; ESE 490, 499, and 549.

#### **General Education Requirements .....36 hours**

Standard General Education program, excluding Block VB, Block VC, and Block VIII (6 hours). Refer to Section Four of this *Catalog* for details on the General Education and University Requirements.

#### **University Requirement .....1 hour**

ASO 100.

#### **Free Electives.....9 hours**

**Total Curriculum Requirements .....128 hours**

Candidates earning a degree that leads to teacher certification must take the PRAXIS Series (Professional Assessments for Beginning Teachers) and PLT (Principles of Learning and Teaching) exams as a requirement for graduation. Candidates are encouraged to review the schedule for PRAXIS and PLT registration deadlines prior to beginning the senior year (<http://www.kyepsb.net/assessment/index.asp> AND [www.ets.org/praxis](http://www.ets.org/praxis)). Specialty exams are required for each certification area sought and it may take more than one test date to complete all requirements. Candidates should confer with their education advisor/counselor to determine the most optimal time to take required exams.

**SECOND MAJOR IN HISTORY**

A student may complete a second major in history by completing the major requirements listed above.

**Minor**

**MINOR IN HISTORY**

Students majoring in other disciplines may minor in History by completing the following courses: HIS 202 and 203; HIS 231, HIS 246, or HON 210; HIS 232, HIS 247 or HON 311; nine hours upper division history with three hours in each of the upper-division areas described in the major (refer to major for specific course listings in each area).

**DEPARTMENT OF MATHEMATICS AND STATISTICS**

**Interim Chair**

**Dr. Patrick Costello**  
(859) 622-5942  
Wallace 312

**Faculty**

**A. Bailey, R. Blythe, R. Buskirk, V. Castellana, P. Coen, L. Cook, P. (Patricia) Costello, P. (Patrick) Costello, M. Cropper, C. Crowe, K. Dutch, D. Gibson, D. Greenwell, K. Jones, L. Kay, C. Liu, A. Maison, S. Metcalf, R. Nelson, M. Osborne, D. Poynter, S. Redmond, M. Smith, M. Stribling, R. Thomas, J. Wilson, B. Xu, and M. Yoder**

**Baccalaureate Degrees**

**MATHEMATICS (B.S.)**

*CIP Code: 27.0101*

**Program Objectives**

Upon successful completion of this program, the graduate will: (1) be able to apply mathematical techniques to social, economic, and scientific problems; (2) understand the importance and power of mathematics in our rapidly changing technological age; (3) be prepared to pursue a graduate program in this or a related area; and (4) be well qualified for employment in any position requiring undergraduate training in mathematics.

**Major Requirements.....40 hours**

MAT 124\* or 124H; 214; 224 or 224H; 225 or 225H; 301, 308, 315, 408 or 415, 498; one additional MAT course chosen from 408, 415, or any course numbered 505 or above (507 only with departmental approval); nine hours chosen from: CSC 300, 320, any MAT course numbered 300 or above (except for 303, 349, 501, 502), or any STA course numbered 300 or above (except for 349, 500, 503). At most 6 hours of STA courses may be used to fulfill these requirements. Only courses completed with a grade of at least "C-" will count toward the major requirements. At least five upper division courses which satisfy the major requirements must be completed at EKU.

**Supporting Course Requirements.....6 hours**  
CSC 160, 177, or 190; STA 270.

**General Education Requirements.....39 hours**  
Standard General Education program, excluding blocks II and VIII (6 hours). Refer to Section Four of this *Catalog* for details on the General Education and University requirements.

**University Requirement.....1 hour**  
ASO 100.

**Free Electives.....42 hours**  
Students planning to attend a graduate school in mathematics are strongly encouraged to select an in-depth study of a single foreign language as a part of their program.

**Total Curriculum Requirements.....128 hours**

\* A preparatory course in mathematics (MAT 109) may be required before admission to calculus.

**MATHEMATICS/TEACHING (B.S.)**

*CIP Code: 13.1311*

**Program Objectives**

Upon successful completion of this program, the graduate will be prepared for certification to teach mathematics at the secondary level and will: (1) understand the principles of pre-college mathematics; (2) be able to explain mathematical concepts and applications to social, economic, and scientific problems; (3) understand the importance and power of mathematics in our rapidly changing technological age; and (4) be prepared to pursue a graduate program in this or some related area.

Refer to the College of Education section of this *Catalog* regarding several teacher certification requirements associated with this degree program.

**Major Requirements.....37-42 hours**

**Core.....27 hours**  
MAT 124\* or 124H; 214; 224 or 224H; 301, 306, 308, 334, 380\*\*.

**Options**

**Mathematics Teaching.....10 hours**  
MAT 225 or 225H; 315, three hours of courses chosen from: CSC 300, 320; any MAT course numbered 300 or above (except for 303, 349, 501, or 502), or any STA course numbered 300 or above (except for 349, 500, 503).

**Computer Science/Mathematics Teaching.....15 hours**  
CSC 160, 190, 191, 310, 330.

All courses must be completed with a grade of at least "C-." At least five upper-division courses which satisfy the major requirements must be completed at EKU.

- Supporting Course Requirements.....6-9 hours**
- Mathematics Teaching.....9 hours**  
CSC 104; CSC 160, 177, or 190; STA 270.
- Computer Science/Mathematics Teaching**  
.....6 hours  
CSC 104; STA 270.
- All courses must be completed with a grade of at least a “C-.”
- Professional Education Requirements .....31 hours**  
EDF 103, 203, 319, 413; SED 401 or 401S; ESE 490, 499, 550.
- General Education Requirements .....39 hours**  
Standard General Education program, excluding blocks II and VIII (6 hours). Refer to Section Four of this *Catalog* for details on the General Education and University requirements.
- University Requirement .....1 hour**  
ASO 100.
- Free Electives.....9-11 hours**
- Total Curriculum Requirements .....128 hours**

\* A preparatory course in mathematics (MAT 109) may be required before admission to calculus.

\*\*Students who use a course from another institution as the History of Mathematics course will need to take ESE 574 to meet the reading requirement for secondary education certification.

Candidates earning a degree that leads to teacher certification must take the PRAXIS Series (Professional Assessments for Beginning Teachers) and PLT (Principles of Learning and Teaching) exams as a requirement for graduation. Candidates are encouraged to review the schedule for PRAXIS and PLT registration deadlines prior to beginning the senior year (<http://www.kyepsb.net/assessment/index.asp> AND [www.ets.org/praxis](http://www.ets.org/praxis)). Specialty exams are required for each certification area sought and it may take more than one test date to complete all requirements. Candidates should confer with their education advisor/counselor to determine the most optimal time to take required exams.

**STATISTICS (B.S.)**

*CIP Code: 27.0501*

**Program Objectives**

Upon successful completion of this program, the graduate will: (1) understand the applications and use of statistics in everyday life; (2) be able to apply a wide variety of statistical techniques; (3) be familiar with computer packages which perform statistical analysis; (4) be well qualified for employment in industry, government, and the actuarial profession; and (5) be prepared to pursue graduate work in statistics.

- Major Requirements.....43 hours**  
STA 270, 320, 498, 520, 521, 585, two of STA 370, 375, 501, 575, with a cumulative GPA of 2.0 in these STA courses; MAT 124\* or 124H; 214; 224 or 224H; 225 or 225H; six hours of CSC/MAT/STA numbered 300 or above (except for 349 and CSC 305, 306, MAT 303, 501, 502, STA 500, 503).
- Supporting Course Requirements.....3 hours**  
CSC 160, 177, or 190.
- General Education Requirements .....39 hours**  
Standard General Education program, excluding blocks II and VIII (6 hours). Refer to Section Four of this *Catalog*

for details on the General Education and University requirements.

- University Requirement .....1 hour**  
ASO 100.
- Free Electives.....42 hours**
- Total Curriculum Requirements .....128 hours**

\* A preparatory course in mathematics (MAT 109) may be required before admission to calculus.

**Minors**

**MINOR IN ACTUARIAL SCIENCE**

A student may minor in actuarial science by completing a total of 21 semester hours as follows: MAT 124 or 124H; MAT 224 or 224H; STA 270; STA 320; STA 370; STA 385; and STA 520.

**MINOR IN MATHEMATICAL SCIENCES**

A student may minor in mathematical sciences by completing a minimum of six hours in each of computer science, mathematics, and statistics for a total of 18 hours as follows: computer science—two of CSC 160, 190, 191; mathematics —MAT 261 and 262, or MAT 124 or 124H, and 224 or 224H; and statistics—two of STA 270, 320, 370, 500, 501, 575.

**MINOR IN MATHEMATICS**

A student may minor in mathematics by completing 18 hours including MAT 124 or 124H; 224 or 224H; and ten hours selected from MAT 214; 225 or 225H; 306; an approved MAT 480; STA 370 or 520; or any MAT course numbered 300 or above (except for MAT 349).

**MINOR IN MATHEMATICS/TEACHING**

A student may minor in mathematics teaching by completing a minimum of 20 semester hours as follows: MAT 124 or 124H; MAT 214; MAT 224 or 224H; MAT 301; MAT 334; and STA 270. The teaching minor in mathematics must be coupled with a secondary teaching major in another discipline.

Candidates earning a degree that leads to teacher certification must take the PRAXIS Series (Professional Assessments for Beginning Teachers) and PLT (Principles of Learning and Teaching) exams as a requirement for graduation. Candidates are encouraged to review the schedule for PRAXIS and PLT registration deadlines prior to beginning the senior year (<http://www.kyepsb.net/assessment/index.asp> AND [www.ets.org/praxis](http://www.ets.org/praxis)). Specialty exams are required for each certification area sought and it may take more than one test date to complete all requirements. Candidates should confer with their education advisor/counselor to determine the most optimal time to take required exams.

**MINOR IN STATISTICS**

A student may minor in statistics by completing 18 hours of mathematical science courses including 12 hours of STA and

six hours selected from any additional STA courses (except for 349), any CSC courses (except for 105, 305, 306, or 349), or any calculus courses with MAT prefixes, but no more than one course from MAT 124, 124H, 211, and 261.

## DEPARTMENT OF MUSIC

### Chair

**Mr. Rob James**  
(859) 622-3266  
Foster 101

### Faculty

**J. Allison, S. Ballard, A. Brumfield, R. Byrd, R. Crosby, T. Couvillon, D. Davis, K. Haddix, H. Hensley, R. James, N. Jasinski, K. Kean, J. Koontz, J. Mulholland, C. Munson, L. Nelson, C. Rhoades, B. Scarambone, P. Sehmann, K. Sehmann, J. Van Fleet, J. Willett, J. Wolf, and E. Young**

### Mission Statement

The Department of Music is a community of teaching scholars and performing artists who provide undergraduate and graduate music degree programs of high quality with public concert of an artistic level for the citizens of the Commonwealth.

## Baccalaureate Degree

### **MUSIC (B.M.)**

*CIP Code: 50.0901*

### Program Objectives

Upon successful completion of the Bachelor of Music program, graduates will be able to perform a recital in their major applied area, communicate effectively about the theoretical concepts in music, identify and analyze musical works from diverse cultures and historical periods. In addition, all music education majors will demonstrate the ability to sing and play a variety of instruments, develop lesson plans, and engage in effective teaching during a student teaching semester. All theory and composition students will demonstrate composition skills and present original compositions in public recitals as well as identifying an area of advanced analysis of musical works through a senior project. All music industry students will demonstrate music technology skills, identify trends in the many facets of this business field, and demonstrate an ability to work with professionals through cooperative learning experiences. All performance majors will prepare two performance recitals and analyze repertoire presented on those recitals, in addition to identifying different pedagogical approaches in their area.

A number of recent graduates of the Bachelor of Music program are furthering their education at graduate schools across the country, preparing to be performers and college/public school teachers. Many graduates are public school teachers across the country, performers/conductors in the church music field, professional composers or arrangers, on Broadway, in U.S. service bands, in professional orchestras, university professors, and music industry professionals in the recording, manufacturing, marketing, computer software, and sales fields.

### Admission to the Music Major Program

Admission to the Bachelor of Music programs requires an audition and theory placement interview. The student is expected

to demonstrate acceptable levels of achievement in performance in terms of intonation, tone quality and rhythmic accuracy. Incoming students will be expected to perform two selections of contrasting styles. May be accepted on probationary status at the discretion of the applied teacher and the department chair.

## **Bachelor of Music Core Requirements**

### APPLIED MUSIC

All music majors must complete a minimum of seven semesters of applied lessons with at least three of the semesters at the upper division levels (numbered 300 or 400). Applied students must complete a jury examination at the end of each semester. Each major is required to enroll in applied music every semester of full-time enrollment.

### Solo Recital Performance

Each major is expected to perform the equivalent of a half recital (MUS 399) during the course of study, either separately or as the result of at least four (4) appearances on student recitals (Fridays).

### Ensemble Requirements

Each major is expected to enroll in a major ensemble reflecting the major applied area of study every semester of full-time enrollment. Wind and percussion majors will enroll in MUS 256 Marching Band, MUS 255A or B/MUS 455A or B Symphonic or Concert Band, or MUS 235/435 Symphony Orchestra. With permission of the Department Chair, MUS 254/454 may be submitted for the major ensemble requirement for wind and percussion majors. Orchestral string majors will enroll in MUS 235/435 Symphony Orchestra or MUS 236/436 String Orchestra. Some string bass majors may be assigned to MUS 255A/455A Symphonic Band pending auditions. Guitar majors will enroll in MUS 257/457 Guitar Ensemble. Vocal majors will enroll in MUS 225/425 Concert Choir or MUS 226/426 University Singers. Keyboard majors may substitute accompaniment (MUS 313 or 513) for ensemble credits. Even if the student plans to study in two or more applied areas, one of them must be declared the major.

### Recital Attendance

All majors are expected to attend 16 recitals including the Friday recitals and other departmental concerts held throughout the semester (MUS 101) for at least six semesters. Performances off campus must receive approval by department chair.

## **MUSIC EDUCATION**

All wind and percussion majors must complete at least three semesters of MUS 256. All Music Education majors must elect MUS 383. Students enrolling in more than three ensembles should receive permission for such participation from their applied teacher, ensemble director, and advisor. All wind and percussion majors have required corequisite small and large ensembles with their applied lessons. Voice/string majors have a corequisite large ensemble required with applied lessons and must demonstrate experience in small choral/string ensembles.

## **MUSIC PERFORMANCE**

All performance majors must pass an audition beyond the



entrance audition. They will be on probationary status for one to four semesters. At the end of the probationary period, the student may re-audition for full candidacy. The Audition Committee will consist of at least three members of the music faculty including the applied teacher. All performance majors must give a full recital (MUS 499) in addition to the half recital required of all majors. Vocal performance majors must elect foreign language as part of their Gen. Ed. studies.

**MUSIC INDUSTRY**

All music industry majors must complete six credits of Co-op (MUS 349). All Co-op projects must be approved by the Co-op office, department chair, and Co-op coordinator.

**MUSIC THEORY AND COMPOSITION**

Theory and composition majors must complete two credits of beginning composition (MUS 283) and eight credits of advanced composition (MUS 483). Composition students will include the performance of their compositions as part of the recital requirement. All theory and composition majors must elect additional piano studies. Theory students will complete a senior thesis or project (MUS 499) as part of this degree program.

**Major Requirements .....55-75 hours**

**Core .....44 hours**

MUS 110, 111, 210, 211, or MUS 114 (2) and 115 (2), 161, 162, 181, 182, 261, 262, 281, 282, 366, 399, 480, 383 or 481 or 285, 384, minimum of seven hours of ensemble over seven semesters and minimum of seven hours of applied instrument or voice over seven semesters (2 credits at 100 level, 2 credits at 200 level, 2 credits at 300 level and 1 credit at 400 level). Music Ensemble: wind and percussion teaching majors must select three hours of MUS 256.

**Degree Options .....11-31 hours**

**Performance/Instrumental.....31 hours**

MUS 367 or 368, 499 (1), 550 (2), 551 (2), seventeen additional hours of lower and upper division applied (2 hours of 100 level applied in major instrument, 2 hours of 200 level applied in major instrument, 6 hours of 300 level applied in major instrument, and 7 hours of 400 level applied in major instrument). One additional hour of ensemble, three hours of upper division music theory electives, and three hours of upper division music history electives. Six semesters of MUS 101 (0 credit course).

**Performance/Vocal .....31 hours**

MUS 220 (1), MUS 367 or 368, 499 (1), 520 (1), 550 (1), 551 (1), seventeen additional hours of lower and upper division applied (2 hours of MUS 122, 2 hours of MUS 222, 6 hours of MUS 322 and 7 hours of MUS 422). One additional hour of ensemble, three hours of upper division music theory electives and three hours of upper division music history electives. Six semesters of MUS 101 (0 credit course).

**Emphasis in Music Industry .....35 hours**

MUS 190 (2), 191 (2), 290 (2), 349 (6), 390, 391, nine hours chosen from (ACC 201, MGT 301, PUB 375, LAS 210). Eight elective credits in MUS/MUH courses. Six semesters of MUS 101 (0 credit course).

**Music Theory and Composition .....26 hours**

MUS 283 (2), 482, 483 (8), 499 (2), 555 or 556. Three hours of upper division theory electives. Three hours of music electives. Three hours of foreign language. Six semesters of MUS 101 (0 credit course).

**Music Education/Instrumental.....11 hours**

MUS 230, 251, 252, 320, 330, 351, 352, 354, 364, 365, 367 (2). (Instrumental students will be excused from taking the methods course that includes their major applied instrument). Six semesters of MUS 101 (0 credit course).

**Music Education/Vocal.....11 hours**

MUS 220 (1), 230, 251, 351, 354, 364, 365, 368 (2), 513 (2). Six semesters of MUS 101 (0 credit course).

**Supporting Course Requirements.....9-12 hours**

Performance .....9 hours

MUH 272, 371, 372.

Music Industry .....12 hours

Three hours of computer electives chosen from the following: CSC 104, 160, 174, 177, 190 or CIS 212, 240; MUH 272, 371, 372.

Theory and Composition.....9 hours

MUH 272, 371, 372.

Music Education .....9 hours

MUH 272, 371, 372.

**Professional Education Requirements for Music**

**Education .....34 hours**

EDF 103, 203, 319, 413, SED 401 or 401S, EME 378, EMS 499, ESE 579, ESE 490.

**General Education Requirements .....36-39 hours**

Standard General Education program, excluding blocks IIIA and VIII (9 hours) for Performance, Theory and Composition and Music Education. Blocks IIIA, VII (QS), and VIII (12 hours) are excluded for Music Industry. Refer to Section Four of the *Catalog* for details on the General Education and University requirements.

**University Requirement .....1 hour**

ASO 100.

**Free Electives .....0-9 hours**

**Total Curriculum Requirements .....128-138 hours**

**Minor**

**MINOR IN MUSIC**

**Requirements.....20 hours**

MUS 110, 111, 161, 162, 181, 182, MUH 371, 372, and four hours of electives in music.

## DEPARTMENT OF PHILOSOPHY AND RELIGION

**Chair**  
**Dr. Steven Parchment**  
 (859) 622-1400  
 Case Annex 268

**Faculty**

M. Austin, T. Gooch, R. Messerich, L. Newhart, A. Nguyen, P. Nnoromele, S. Parchment, M. Pianalto, and A. Velez.

### Baccalaureate Degree

#### PHILOSOPHY (B.A.)

*CIP Code: 38.0101*

- Major Requirements.....36 hours**  
 PHI 100, 110, 130, 300, 320, 330, 371, 499, and either 350 or 352; plus any additional nine hours in philosophy as approved by the department chair. Six hours of religion may be counted as part of the nine hours.
- General Education Requirements .....48 hours**  
 Standard General Education program. Refer to Section Four of this *Catalog* for details on the General Education and University requirements.
- University Requirement .....1 hour**  
 ASO 100.
- Free Electives.....35 hours**
- Total Curriculum Requirements.....120 hours**

### Minors

#### MINOR IN PHILOSOPHY

A minor consists of 18 hours in philosophy, including at least three hours in PHI 100, 110, 130, 300, or 320. Three hours of religion may be counted in a minor.

#### MINOR IN RELIGION

A minor consists of 18 hours in religion, including at least three hours in REL 301, 305, 306, 315, or PHI 240. Three hours of philosophy may be counted in a minor, and if PHI 240 is taken, six hours of philosophy may be counted.

## DEPARTMENT OF PHYSICS AND ASTRONOMY

**Chair**  
**Dr. Jerry Cook**  
 (859) 622-1521  
 Moore 349

**Faculty**

M. Ciocca, J. Cook, J. Lair, X. Lin, R. Piercey, J. Wong, and G. Yoder

### Baccalaureate Degrees

#### PHYSICS (B.S.)

*CIP Code: 40.0801*

**Program Objectives**

Upon completion of this program the graduate will: 1) be able to apply mathematics to analyze problems in Physics; 2) be able to use fundamental physical results, such as conservation laws, to study physical systems; 3) be able to analyze important processes occurring in physical systems. Additionally, graduates of this program will 1) be prepared for employment in Physics or a related field in the public or private sector; 2) be prepared for admission to a graduate program in Physics or a related field.

- Major Requirements.....38 hours**
- Core.....22 hours**  
 PHY 100\*\*, PHY 201, 202, 300, 301; 306 or 308; 458. At the discretion of the chair, PHY 131 may be substituted for PHY 201.
- Options**
- Physics (General) .....16 hours**  
 PHY 420, 459, 470, six hours from any physics course numbered 300 and above, except PHY 506.
- Engineering Physics.....16 hours**  
 PHY 221, 315, 375, six hours from CSC 300, EET 253, 257, 305, 350, 355, PHY 303, 306, 308, 402, 510, STA 270.
- Supporting Course Requirements.....29 hours**  
 CHE 111, 111L, 112, 112L or 112HL, CSC 174 (or any approved programming language course), MAT 124\*, 224, 225, 353, EET 252.
- General Education Requirements .....33 hours**  
 Standard General Education program, excluding blocks II, IVB, VII (QS) and VIII (6 hours). Refer to Section Four of this *Catalog* for details on the General Education and University requirements.
- University Requirement .....1 hour**  
 ASO 100.
- Free Electives.....27 hours**
- Total Curriculum Requirements.....128 hours**

\*A preparatory course (MAT 109) in mathematics may be required before admission to MAT 124.

\*\*May be waived with the permission of the Chair of the Department of Physics and Astronomy.

**PHYSICS/TEACHING (B.S.)**

CIP Code: 13.1329

**Program Objectives**

Upon completion of this program the graduate will: 1) be able to apply mathematics to analyze problems in Physics; 2) be able to use fundamental physical results, such as conservation laws, to study physical systems; 3) be able to analyze important processes occurring in physical systems. Additionally, graduates of this program will: 1) be prepared to take and pass the Praxis exam in Physics; 2) be prepared to teach Physics in a secondary school.

**Major Requirements.....30 hours**

AST 135, 330, PHY 201, 202, and fourteen hours of physics courses numbered 300 and above.

**Minor Requirements.....14-21 hours**

A teaching minor in mathematics, computer science, chemistry, or earth science is required.

**Supporting Course Requirements.....22 hours**

CHE 111, 111L, 112, 112L or 112HL; MAT 124,\* 224; BIO 100, BIO 102, or NAT 101; and CSC 104 or CIS 212.

**Teacher Education Requirements.....31 hours**

EDF 103, 203, 319, 413, SED 401 or 401S, ESE 451, 490, 499.

**General Education Requirements .....30 hours**

Standard General Education program, excluding blocks II, IVA, IVB, VII (QS), and VIII (6 hours). Refer to Section Four of this *Catalog* for details on the General Education and University requirements.

**University Requirement .....1 hour**

ASO 100.

**Total Curriculum Requirements .....128-135 hours**

\*A preparatory course (MAT 109) in mathematics may be required before admission to MAT 124.

Candidates earning a degree that leads to teacher certification must take the PRAXIS Series (Professional Assessments for Beginning Teachers) and PLT (Principles of Learning and Teaching) exams as a requirement for graduation. Candidates are encouraged to review the schedule for PRAXIS and PLT registration deadlines prior to beginning the senior year (<http://www.kyepsb.net/assessment/index.asp> AND [www.ets.org/praxis](http://www.ets.org/praxis)). Specialty exams are required for each certification area sought and it may take more than one test date to complete all requirements. Candidates should confer with their education advisor/counselor to determine the most optimal time to take required exams.

**Associate Degree****SCIENCE FOR ENGINEERING (A.A.S.)**

CIP Code: 14.9999

**Program Objectives**

Upon completion of this program the graduate will: 1) be able to apply mathematics to analyze problems in the physical sciences; 2) be able to use fundamental physical results, such as conservation laws, to study physical systems; 3) be able to apply analytical techniques to the analysis of structures and/or mechanisms. Additionally, graduates of this program will: 1) be prepared for employment in the engineering technology career in the public or private sector; 2) be prepared for entrance into a B.S. program in engineering or a related field.

**Major Requirements.....18 hours**

PHY 201, 202; MAT 124\*\*, 224.

**Supporting Course Requirements .....17 hours**

Three hours Approved Programming Language\*; CHE 111\*, 111L\*, 112\*, 112L\* or 112HL\*; TEC 190, PHY 221 or CHE 361.

**General Education Requirements .....24 hours**

General Education categories IA, IB, IC, IIIB, IIIA or VII, VA, VB, VC.

**University Requirement .....1 hour**

ASO 100.

**Free Electives.....4 hours**

Chosen with advisor to satisfy major requirements at the chosen engineering school.

**Total Curriculum Requirements .....64 hours**

\*Courses meeting general education requirements.

\*\*A preparatory course (MAT 109) in mathematics may be required before admission to MAT 124.

**Minors****MINOR IN PHYSICS**

A student may complete a minor in physics by taking PHY 201, 202, 300, and a minimum of five additional hours of physics 300-level or above for a total of 18 hours. PHY 131 may be substituted for PHY 201, and PHY 132 may be substituted for PHY 202.

**MINOR IN PHYSICS/TEACHING**

A student may complete a teaching minor in physics by taking PHY 201 and 202 plus eleven additional hours in PHY or AST numbered 300 or above. PHY 131 may be substituted for PHY 201 and PHY 132 may be substituted for PHY 202. The teaching minor in physics must be coupled with a teaching major in biology, chemistry, computer science/mathematics, earth science, or mathematics.

Candidates earning a degree that leads to teacher certification must take the PRAXIS Series (Professional Assessments for Beginning Teachers) and PLT (Principles of Learning and Teaching) exams as a requirement for graduation. Candidates are encouraged to review the schedule for PRAXIS and PLT registration deadlines prior to beginning the senior year (<http://www.kyepsb.net/assessment/index.asp> AND [www.ets.org/praxis](http://www.ets.org/praxis)). Specialty exams are required for each certification area sought and it may take more than one test date to complete all requirements. Candidates should confer with their education advisor/counselor to determine the most optimal time to take required exams.

**DEPARTMENT OF PSYCHOLOGY**

**Chair**

**Dr. Robert Brubaker**  
(859) 622-1105  
Cammack 127

**Faculty**

D. Beal, T. Botts, R. Brubaker, M. Bundy, C. Clement, J. Flanagan, D. Florell, J. Gore, A. Hale, J. Henning, A. Lawson, R. Lorden, D. Mercer, R. Mitchell, T. Nowak, R. Osbaldiston, J. Palmer, R. Perrine, D. Verakin, S. Wilson, M. Winslow, and D. Wygant.

**Baccalaureate Degree**

**PSYCHOLOGY (B.S.)**

*CIP Code: 42.0101*

**Program Objectives**

Upon completion of the Psychology degree graduates will:

- 1) show breadth and depth in their understanding of the major concepts, theoretical perspectives, empirical findings, and historical trends in psychology;
- 2) use critical and creative thinking and skeptical inquiry when critiquing and applying research methods in psychology;
- 3) respect and use critical and creative thinking, skeptical inquiry, and the scientific approach when solving problems related to behavior and mental processes;
- 4) understand and apply psychological principles in many areas of life including personal, social and organizational;
- 5) be able to weigh evidence, tolerate ambiguity, act ethically, and reflect other values that are the underpinnings of psychology;
- 6) demonstrate information competence and the ability to use technology for many purposes;
- 7) be able to communicate and collaborate effectively;
- 8) understand and apply knowledge of human diversity to better people's lives;
- 9) develop insight into their own and others' behavior and mental processes and apply effective strategies for self-management and self-improvement;
- 10) pursue realistic ideas about how to implement their psychological knowledge, skills, and values in occupational pursuits in a variety of settings that meet personal goals and societal needs.

**Major Requirements.....40 hours**

PSY 200, 250, 309, 310, and at least 3 hours from each of the following groups:

- (1) Biological Bases of Behavior: PSY 311, 315, 315L
- (2) Cognition/Learning: PSY 313, 317, 317L, 333
- (3) Developmental: PSY 312, 314, 316
- (4) Social/Personality: PSY 300, 305, 308
- (5) Skills: PSY 319, 405, 406, 490, 590
- (6) Capstone: 400 or 401 or 579

In addition, the student must take nine hours of upper-division psychology electives. At least three of these must be numbered 400 or above. (Neither PSY 402 nor PSY 403 may be used as a psychology elective.) A minimum grade of "C" is required in all courses counted toward the major.

**General Education Requirements .....48 hours**

Standard General Education program. Refer to Section Four of this *Catalog* for details on the General Education and University requirements.

**University Requirement .....1 hour**

GSO 100.

**Free Electives.....31 hours**  
**Total Curriculum Requirements .....120 hours**

**SECOND MAJOR IN PSYCHOLOGY**

Requirements are the same for a first or a second major in psychology.

**ANIMAL STUDIES (B.S.)**

*CIP Code: 30.9999*

**Faculty**

R. Brubaker (Psychology), B. Freed (Anthropology, Sociology, & Social Work), A. Lawson (Psychology), R. Lorden (Psychology), P. Kopacz (English), S. McSpirit (Anthropology, Sociology, & Social Work), R. Mitchell (Psychology), L. Newhart (Philosophy & Religion), L. Noblitt (Government), R. Perrine (Psychology), B. Pratt (Agriculture), N. Santangelo (Biology), S. Sumithran (Biology), and S. Tsiang (English)

**Program Objectives**

Animal Studies (ANS) is an interdisciplinary major that concentrates on nonhuman animals, their interactions and relationships with people, and the mutual influences humans and nonhuman animals have on each other's existence, evolution, and history. Students in Animal Studies receive training in sciences, humanities, and applied fields. Within their cross-disciplinary training, students will choose to emphasize at least one of these areas of study. Graduates of the program will gain knowledge of and be able to evaluate ideas about nonhuman animals, humans, and their mutual influences informatively from diverse perspectives. Upon completion of the ANS degree, graduates will be able to (1) analyze contexts and events concerning animals knowledgeably and from diverse points of view; (2) elucidate the motives and consequences for diverse human-animal interactions; (3) evaluate the impacts of human uses of and attitudes toward animals on individuals and communities, and on evolution and history; (4) integrate cross-disciplinary ideas into an awareness of divergent perspectives on animals and humans; and (5) use skills and expertise in understanding animals and humans to obtain employment.

**Major Requirements ..... 53-55 hours**

ANS 200, and courses in the following groups:

- (1) Arts & Humanities: ANS 320; PHI 390; SOC 300; ANS 310, 497, or three hours of a relevant arts or humanities course (12 hours).
- (2) Science: ANT 306 or 371; BIO 141; BIO 316 or 550; PSY 333 (14 hours).
- (3) Application: AGR 125; ANT 370; LAS 306 or BIO 380; three hours of a relevant applied learning or study abroad course (12 hours).
- (4) Capstone: ANS 400 or PSY 401 or other relevant thesis option.
- (5) Electives: an additional 9-11 hours in relevant courses, as approved by student's advisor or department head.

**Supporting Course Requirements ..... 10 hours**  
ANT 120, 201; BIO 121.

**General Education Requirements ..... 39 hours**  
Standard General Education program, excluding blocks IVA, VB, VII(NS). Refer to Section Four of this *Catalog* for details on the General Education and University requirements

**University Requirement ..... 1-3 hours**  
GSO 100 or GSD 101.

**Free Electives ..... 13-17 hours**  
**Total Curriculum Requirements ..... 120 hours**

**Minor****MINOR IN PSYCHOLOGY**

Requirements for a minor are PSY 200 plus electives in PSY to total 18 hours. PSY 349, 402, and 403 cannot be counted toward the minor. A minimum grade of "C" is required of all courses counted toward the major.

**Concentration****PSYCHOLOGY CONCENTRATION IN THE ASSOCIATE OF  
GENERAL STUDIES DEGREE**

See page 64 of this *Catalog* for the Psychology Concentration requirements listed in the Associate of General Studies degree section.

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# College of Business and Technology

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**Dr. Robert B. Rogow, Dean**  
**Business and Technology Center 214**  
**(859) 622-8111**

**Dr. William E. Davis, Associate Dean**  
**Business and Technology Center 214**  
**(859) 622-1574**

**[www.cbt.eku.edu](http://www.cbt.eku.edu)**

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## COLLEGE OF BUSINESS AND TECHNOLOGY

### VISION

The College of Business and Technology will provide the educational opportunities to enhance the entrepreneurial, technological, and professional capacity of its region.

### MISSION

The mission of the College of Business and Technology is to serve as a school of opportunity for students from varied cultural and educational backgrounds by providing conceptual, applied, and experiential educational approaches through instruction, research, and service. The College's programs and services prepare students and others for their future and improve the economic development of the University's service region, the Commonwealth, and the nation.

### GOALS

To fulfill its mission, the College of Business and Technology is committed to the following goals: (1) The College will recruit, retain, and prepare a diverse student body (both undergraduate and graduate) for participation in a regionally, national, and globally competitive economy; (2) The College will serve as a resource to students, businesses, professionals, and communities by providing a faculty who are engaged in providing quality instruction, scholarly activities (basic, applied, and instructional), and service; (3) The College will engage in continuous improvement processes that involve its appropriate stakeholders to ensure its programs and services are relevant, current, and meet national standards.

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## DEPARTMENT OF AGRICULTURE

**Chair**  
**Dr. John Settimi**  
**(859) 622-2228**  
**Carter 2**

### Faculty

**S. Black, C. Friend, C. Hagan, M. Judge, D. Llewellyn, M. McDermott, B. Pratt and L. Rincker**

The Department of Agriculture offers Bachelor of Science and Associate of Applied Science degrees in Agriculture and Horticulture. Options in the Agriculture degree program include a Business Minor, Agribusiness Management, Pre-Veterinary Medicine, Agriculture Systems Management, Agronomy and Natural Resources, Dairy Herd Management, Livestock Production and Soils. Options in the Horticulture program include a Business Minor, Floriculture/Greenhouse Management, Landscape Horticulture and Turfgrass Management. The Department also offers a joint degree program for Career and Technical Education - Agriculture Education Option. Minors are offered in soils, agriculture and horticulture. Students may receive the Associate degree and then continue for a Bachelor degree with no loss of credit.

The Pre-Veterinary Medicine program has an excellent veterinary school acceptance rate. More detailed information can be obtained by reading the section on Pre-Veterinary medicine.

Students will earn academic credit for their Cooperative Education and practicum experiences. Students may receive credit for 8 hours of practicum classes for the Associate Degree and 12 for the Bachelor of Science Degree. Practicum classes are 301, 302, 349 and 389. Students must obtain a "C" average in Department classes.

Programs in the department stress the latest technical information with applications through required laboratories and practicums at the University farms or through cooperative education. The Department operates greenhouses, a plant nursery and specimen garden and turf plots to support the instructional program in horticulture. The University owns and operates approximately 1000 acres devoted to the programs in agriculture. This includes state of the art facilities for beef, dairy, swine, sheep and crop enterprises used in our laboratory

and practicum programs. Qualified students may also be employed in both the horticulture and agriculture enterprises through the work study program.

**DEPARTMENT GOALS**

The Department of Agriculture will provide outstanding instruction in agricultural programs to prepare students for participation in the regional, national, and global agricultural economy. A technologically current, high quality learning environment will be provided through instruction, laboratories, practicums, and experimental projects.

The Department will also provide service to the University, community, region, profession, and industry; provide opportunities for faculty/staff/student collaboration in scholarly and creative activities; and engage in continuous improvement processes to ensure its programs, services, and infrastructure are current and relevant.

EKU Farms will provide a technologically current, high quality learning environment through instruction, laboratories, practicums, and experimental projects.

The Division of Farms will demonstrate technologically current sound agricultural practices and techniques that are consistent with the instructional program, are environmentally sound and provide practical application and disseminate the information to the regional agricultural community. The Division will also promote and conduct service activities such as field days, tours, seminars, demonstrations, meetings, and open houses to serve the needs of diverse consumer groups.

**PROGRAM OBJECTIVES**

**AGRICULTURE**

Graduates in the agriculture program are well trained for careers in many diverse aspects of agriculture such as government agencies (Kentucky Department of Agriculture, USDA, Cooperative Extension Service, NRCS), 4-H programs, soil conservation, farm management and operations, agribusiness including agriculture financial agencies/institutions, sales, feed sales, food plant supervision, retail-store management, technical service, Career and Technical Education, and the livestock industry, to name a few. Students can also continue their education in graduate school or in veterinary medicine.

**HORTICULTURE**

With the abundance of hands-on practical experiences graduates in the horticulture programs pursue careers in the turf industry as golf course superintendents, sports turf managers, sales and service areas, professional landscape industry, the nursery industry, and in the floriculture/greenhouse industry.

**CAREER AND TECHNICAL EDUCATION - AGRICULTURE EDUCATION OPTION**

Graduates of the BS degree program in Career and Technical Education - Agriculture Education Option are prepared for teaching careers in secondary schools. They are prepared to lead programs in horticulture and agriculture and to advise their chapter's FFA members in carrying out their annual program of activities.

Numerous opportunities are available for extracurricular activities to complement the academic training. These include the Agriculture Club, Horticulture Club, Delta Tau Alpha (honorary society), student chapter of the Golf Course Superintendents

Association of America, Agronomy Club, and Pre-Vet Club. Numerous local and national trips are taken to expand students' learning experiences.

**Baccalaureate Degrees**

**AGRICULTURE (B.S.) AREA MAJOR**

*CIP Code: 01.0301*

- University Requirement .....1 hour**  
BTO 100.
- General Education Requirements .....36 hours**  
Standard General Education program, excluding blocks IVA, IVB, VB, and VII (QS). Refer to Section Four of this *Catalog* for details on the General Education and University requirements.
- College Requirement: Professional Skills Seminar.....1 hour**  
AGR 305 (1) and BTS 400 (CR).
- Supporting Course Requirements .....17 hours**  
ACC 201, BIO 121(4), CHE 101 and 107 (1), ECO 230; CCT 201 or CSC 104.
- Free Electives.....4-8 hours**
- Major Requirements.....57-61 hours**
  - Core .....43 hours**  
AGR 125, 126(1), 130, 131(1), 210(2), 213(4), 215, 304(4), 308, 310 or 350, 411(1); three hours from AGR 301, 302, or 349; 12 hours of upper division AGR and/or OHO electives; and one of the following options:
  - Agribusiness Management Option.....15 hours**  
AGR 315(2), 321(4), 381, 409, and 440.
  - Agriculture Systems Management Option.....14 hours**  
AGR 272, 318, 362(2), 381, and 383.
  - Agronomy and Natural Resources Option.....15 hours**  
AGR 312 or 345; 315(2), 321(4), 340, and 416.
  - Dairy Herd Management Option .....14 hours**  
AGR 225, 321(4), 375, and 380(4).
  - Livestock Production Option.....18 hours**  
AGR 225, 321(4), 327(4), 328(4), and 409.
  - Soils Option.....16 hours**  
AGR 312 or 345; 315(2), 317(2), 318, 340, and 416.
  - Business Minor Option\* .....15 hours**  
See *Catalog* for required courses for Minor in Business.
- Total Curriculum Requirements .....120 hours**

\*Minor in other fields may be substituted if approved by department chair and Dean of the College of Business and Technology. Minors other than Business may require additional hours. ACC 201 and ECO 230 are either required courses or supporting courses in both Agriculture and Business minor. Students completing requirements in the Pre-Veterinary Medicine program with a minor in chemistry will be designated Agriculture/Pre-Veterinary majors.

**CAREER AND TECHNICAL EDUCATION  
AGRICULTURE EDUCATION TEACHER CERTIFICATION  
TEACHING (B.S.) AREA MAJOR**

*CIP Code: 13.1320*

Offered in cooperation with the Department of Applied Engineering and Technology. See Department of Applied Engineering and Technology - Agriculture Education Option. This curriculum entails all requirements necessary for teacher

Business and Technology

certification for agriculture education.

Candidates earning a degree that leads to teacher certification must take the PRAXIS Series (Professional Assessments for Beginning Teachers) and PLT (Principles of Learning and Teaching) exams as a requirement for graduation. Candidates are encouraged to review the schedule for PRAXIS and PLT registration deadlines prior to beginning the senior year (<http://www.kyepsb.net/assessment/index.asp> AND [www.ets.org/praxis](http://www.ets.org/praxis)). Specialty exams are required for each certification area sought and it may take more than one test date to complete all requirements. Candidates should confer with their education advisor/counselor to determine the most optimal time to take required exams.

**HORTICULTURE (B.S.) AREA MAJOR**

*CIP Code: 01.0603*

- University Requirement .....1 hour**  
BTO 100.
- General Education Requirements .....36 hours**  
Standard General Education program, excluding blocks IVA, IVB, VB, and VII (QS). Refer to Section Four of this *Catalog* for details on the General Education and University requirements.
- College Requirement: Professional Skills Seminar.....1 hour**  
AGR 305 (1) and BTS 400 (CR).
- Supporting Course Requirements.....21 hours**  
BIO 121(4) and 131(4), CHE 101 and 107 (1) ; ACC 201, ECO 230; CCT 201 or or CIS 212 or CSC 104.
- Free Electives.....2 hours**
- Major Requirements.....59 hours**
- Core.....41-44 hours**  
OHO 131, 132(1), 351(4), AGR 210(2), 213(4), 215, 304(4), 308, 315(2), 349(4), 409, 411(1); seven to ten hours of upper division electives from AGR and/or OHO electives, and one of the following options:
- Floriculture/Greenhouse Management Option.....18 hours**  
OHO 352(2), 362E(2), 364(2), 384 or 385, 388, 389, and AGR 417.
- Landscape Horticulture Option.....18 hours**  
OHO 365, 366, 370, 371 or 372, 391 and 392.
- Turfgrass Management Option .....18 hours**  
OHO 301(1), 352(2), 354(2), 362A(1), 362G(1), 370, 410(2); AGR 362(2) and 416, and (1) hour OHO and/or AGR upper division.
- Business Minor Option\* .....15 hours**  
See *Catalog* for required courses for Minor in Business.
- Total Curriculum Requirements .....120 hours**

\*Minor in other fields may be substituted if approved by department chair and Dean of the College of Business and Technology. Minors other than Business may require additional hours. ACC 201 and ECO 230 are either required courses or supporting courses in both Horticulture and Business Minor.

**Associate Degree**

**TECHNICAL AGRICULTURE (A.A.S.)**

*CIP Code: 01.9999*

- Supporting Course Requirements.....20 hours**  
BTO 100, six hours of English composition\*, three hours of

general education humanities\*, ECO 230, CHE 101 and 107 or 105 and 107, MAT 105.

- Free Electives.....1 hour**
- Major Requirements.....43 hours**
- Core .....31 hours**  
AGR 130 & 131 or OHO 131 & 132, AGR 210, 213, 215, 304, 305, 308; 6 hours of practicum; 3 to 4 hours departmental electives, and one of the following options to total 64 program hours:
- Agricultural Systems Management.....12 hours**  
AGR 272, 301(1), 362, 381 and 383.
- Agribusiness Management .....12 hours**  
AGR 310, 350, 409, 440.
- Floriculture/Greenhouse Management.....13 hours**  
OHO 362E, 364, 388, 389; 384 or 385.
- Landscape Horticulture.....12 hours**  
OHO 365, 366; 370 or 391; 371 or 372.
- Livestock Management.....12 hours**  
AGR 125, 126, 321; 327 or 328 or 380.
- Turfgrass Management .....12 hours**  
AGR 362, OHO 301 (1), 351, 352 and 370.
- Total Curriculum Requirements .....64 hours**

\*Courses meeting general education requirements.

**Minors**

**MINOR IN AGRICULTURE**

- Requirements.....18 hours**  
A minor consists of 18 hours of agriculture classes arranged between the Department Chair and the student seeking the minor. The objective is to meet the student’s need for a minor. Six or more hours shall be upper division courses and a minimum of six hours are to be taken at EKU. Courses counted toward a horticulture major may not be counted toward a minor. Transfer classes are to be evaluated by the Department Chair.

**MINOR IN HORTICULTURE**

- Requirements.....18 hours**  
A minor consist of 18 hours of ornamental horticulture classes arranged between the Department Chair and the student seeking the minor. The objective is to meet the student’s need for a minor. Six or more hours shall be upper division courses and a minimum of six hours are to be taken at EKU. Courses counted toward an agriculture major may not be counted toward a minor. Transfer classes are to be evaluated by the Department Chair.

**MINOR IN SOILS**

- Requirements.....20 hours**  
A core of courses consisting of 19 hours may be taken for a minor in soils. Courses are AGR 130, 131, 215, 315, 317, 318, 340, and 416. At least 6 hours must be taken at EKU. Transfer classes are to be evaluated by the Department Chair. No more than 9 hours of course work taken toward a major may be counted toward the soils minor.



**Pre-Professional**

**PRE-VETERINARY MEDICINE**

The Eastern Kentucky University program in pre-veterinary medicine is administered by the Department of Agriculture. Although Kentucky does not have a school of veterinary medicine, the state participates as a member of the Southern Regional Educational Board Plan under which legal Kentucky residents attend Auburn University School of Veterinary Medicine or Tuskegee Institute School of Veterinary Medicine. The program is funded by an appropriation of the General Assembly to the Kentucky Council on Post-Secondary Education.

A limited number of students who are legal residents of Kentucky and have completed pre-veterinary requirements are selected by Auburn (34 positions) or Tuskegee Institute (two positions) each year to enter professional training in veterinary medicine at the respective schools. Students enter the four-year program of the veterinary school at the beginning of the fall term and are approved for succeeding years as long as normal progress is made toward the degree in veterinary medicine. These students are exempt from out-of-state tuition at Auburn. Selection is on a competitive basis with the final selection being made by a committee composed of faculty members from each of the respective schools.

Each of the two veterinary schools have similar entrance requirements and each requires a minimum grade point average of 2.5 on a 4.0 scale. Tuskegee requires the VAT and Auburn requires the GRE examination. Students should work closely with the pre-vet advisor concerning their program and should have a grade point average of 3.4 to be competitive.

All course work must be completed by June 15 prior to fall admission to the school of veterinary medicine. A grade of "D" in any required course is not accepted. Substitution of courses must be approved by the veterinary school to which application is to be made. All course requirements must be met and courses in organic chemistry and physics must have been completed within six years of entry into the School of Veterinary Medicine.

Application to Auburn under the Kentucky program is made beginning in the fall of the year preceding that of admission. Students apply through the Veterinary Medical College Application Service (VMCAS). The application deadline is October 1. Students should follow application instructions regarding updating their transcripts and course work at the school to which they apply. Students should work closely with the pre-veterinary advisor in making certain that all requirements are met.

A pre-vet student at Eastern Kentucky University has the following alternatives while proceeding through the program of study:

1. Complete the pre-vet curriculum in three years and apply for admission into a school of veterinary medicine. Students may receive a B.S. degree from EKU by transferring credits from the first year of veterinary school back to EKU and by completing all general education/University requirements.
2. Earn a B.S. degree at EKU with an agriculture, biology, chemistry, or other appropriate major during the fourth year while completing the pre-veterinary curriculum.
3. At any time, change from the pre-veterinary curriculum to the above majors and graduate with a B.S. degree with no loss of credit.

Students are expected to gain practical large animal experience during the course of pre-vet study, either on the University farm or with a D.V.M. The pre-vet advisor can assist in arranging for this experience.

**Requirements at Auburn for Students without a Bachelors Degree**

The following curriculum may be completed in three years after which the student is then eligible to apply for admission to Auburn or Tuskegee.

BTO 100, AGR 125, 126, 321 or 421, BIO 141, CHE 361, 362, 366, 367, 531, general education Block I, Block II (MAT 109 or 261), Block IIIA (ART, MUH, or THE), Block IIIB (ENG 211 or 212, Block IVA (BIO 121), Block IVB (CHE 111, 115 (1)), Block VA (HIS), Block VB (ECO 230), Block VC, Block VI, Block VII (AH - 3 credits from arts and humanities), Block VII (NS - CHE 112, 116 (1)), Block VIII (PHY 131 and 132), plus six additional credit hours of science electives and six hours of Social/Behavioral Science electives. Refer to the General Academic Information section of this *Catalog* for details on the General Education block descriptions and University Requirements.

**Total Curriculum Requirements .....87-90 hours**

**Requirements at Auburn for Students with a Bachelors Degree**

AGR 321 or 421 .....	3
BIO 121 .....	4
BIO 141 .....	4
CHE 111/115 .....	4
CHE 112/116 .....	4
CHE 361 .....	3
CHE 366 .....	1
CHE 362 .....	3
CHE 367 .....	1
CHE 531 .....	3
PHY 131 .....	5
PHY 132 .....	5
Science Electives .....	6

**\*\*Science Selectives for Auburn (6 hours):**

AGR 374 .....	3
AGR 375 .....	3
AGR 376 .....	3
BIO 315 .....	4
BIO 320 .....	4
BIO 331 .....	3
BIO 342 .....	4
BIO 348 .....	4
BIO 371 .....	4
BIO 546 .....	4

Students not accepted at Auburn after their junior year may continue for a Bachelors Degree. Because of the courses in the Pre-Vet Curriculum most students continue their studies in either Agriculture, Biology or Chemistry, although a degree in any major is possible. Students who do not get into Auburn after their junior year may reapply.

Because of the large number of applications and limited number of acceptances, the student should choose a secondary career goal.

Business and Technology

## EKUBUSINESS

EKUBusiness is comprised of the Department of Accounting, Finance, and Computer Information Systems, the Department of Management, Marketing, and Administrative Communication, and the Master of Business Administration Program.

### MISSION OF EKUBUSINESS

EKUBusiness is committed to being the “school of opportunity” of choice in its region. EKUBusiness prepares future business leaders to compete in global markets through emphasis on quality instruction. To broaden career horizons, EKUBusiness encourages students to participate in on- and off-campus professional developmental activities. EKUBusiness engages talented faculty who excel in teaching and who expand their academic and instructional knowledge through research. EKUBusiness develops partnerships that foster regional development and that enable stakeholders to compete in domestic and international markets.

### GOALS OF EKUBUSINESS

EKUBusiness, to fulfill the above mission, pursues continuous improvement through the following goals: (1) Provide curricula and experiences, both academic and applied, that enable graduates to successfully pursue careers in their field of study; (2) Perform research that leads to applied and instructional intellectual contributions with MBA faculty performing some basic research; (3) Provide service to key constituencies including the regional business community and academic and professional organizations at all levels.



Graduates of EKUBusiness (the undergraduate and graduate programs in business administration at Eastern Kentucky University) have joined the ranks of the nation’s top business schools. EKUBusiness, located in the College of Business and Technology, has received accreditation by the Association to Advance Collegiate Schools of Business International (AACSB) for its undergraduate and graduate programs in business administration. Less than 5 percent of the world’s business schools have achieved this elite distinction.

AACSB International accreditation represents the highest standard of achievement for business schools worldwide and is the hallmark of excellence in business education. Institutions that earn accreditation confirm their commitment to quality and continuous improvement through a rigorous and comprehensive peer review. Founding members of the agency include many Ivy League Schools, including Columbia, Cornell, Dartmouth, Harvard and Yale; and such top-ranked schools as the University of California at Berkeley, the University of Chicago and Northwestern also hold AACSB accreditation.

To achieve accreditation, EKUBusiness satisfied a wide range of quality standards related to strategic management of resources, interactions of faculty and students in the educational process, and achievement of learning goals in degree programs.

## BETA GAMMA SIGMA

Founded as a national organization in 1913, Beta Gamma Sigma is an international honor society that provides the highest recognition a business student anywhere in the world can receive in an undergraduate or master’s program at a school accredited by AACSB International. With the global expansion of accreditation by AACSB International, membership is no longer limited to those who have studied in the U.S. or Canada.

The mission and objectives of Beta Gamma Sigma are to encourage and honor academic achievement in the study of business and personal and professional excellence in the practice of business; to foster an enduring commitment to the founding principles and values of honor and integrity; to encourage the pursuit of wisdom and earnestness; to support the advancement of business thought and practice to encourage lifelong learning; and to enhance the value of Beta Gamma Sigma for student and alumni members in their professional lives.

To be eligible for Beta Gamma Sigma, students must be in the top 7 percent of the junior class, top 10 percent of the senior class, or the top 20 percent of the MBA program.

### BACHELOR OF BUSINESS ADMINISTRATION AND BACHELOR OF SCIENCE IN INSURANCE DEGREE REQUIREMENTS

General University requirements, as well as specific course requirements set forth in the description of curricula, must be met by students completing associate and baccalaureate business programs administered by the College of Business and Technology. See programs under each department for major requirements. Academic Orientation course (BTO 100) is required in all Business programs. The requirements for the Bachelor of Business Administration (BBA) and the Bachelor of Science in Insurance degrees are as follows:

1. A cumulative 2.0 GPA must be maintained in all work taken in the BBA and BS Insurance programs.
2. Hours earned by correspondence study are accepted upon written approval of the Dean. However, not more than 25 percent of the total hours applied toward a degree may be earned via correspondence or telecourse instruction, military credit, or credit by examination.
3. To ensure the integrity of business programs to provide a sound overall educational experience, not more than 50 percent of undergraduate course work shall be completed in the EKUBusiness programs. However, up to nine semester hours of economics and up to six semester hours of mathematics/statistics will not be included in this 50 percent. Decisions to allow students to take more than 50% of undergraduate course work within EKUBusiness will be made judiciously.
4. At least 50 percent of the business course credit hours required for the BBA and BS Insurance degrees must be completed at ECU.
5. The BBA and BS Insurance degrees will only accept credits for business courses at the upper division level transferred from other colleges and universities accredited by the Association to Advance Collegiate Schools of Business International (AACSB). As completely as possible, it will apply these credits to the student’s degree program. To ensure that they earn appropriate credits, students are strongly advised to see the College of Business

and Technology Advising Office and also obtain the Dean's approval prior to enrolling in any course work they plan to transfer. The University will not take responsibility for courses transferred without prior approval.

6. A "C" or better is required for the BBA programs and the B.S. in Insurance degree in the following courses: (See specific degree requirements for each major)

#### BACHELOR OF BUSINESS ADMINISTRATION

**BBA Supporting Courses:** CIS 212 or CSC 104, ECO 230 and 231, MAT 107 and/or 211, QMB 240 (if required by major), and PSY 200 or 200W or SOC 131.

**BBA Pre-Business Core:** ACC 201, 202, GBU 204, and QMB 200.

**BBA Core:** CCT 300W, CIS 300, FIN 300, MGT 300, 370, MKT 300, and GBU 480.

#### BACHELOR OF SCIENCE IN INSURANCE

**BS Supporting Courses:** MAT 211 (or MAT 107 combined with QMB 240) and ECO 230;

**BS Pre-Business Core:** ACC 201, 202, GBU 204, and QMB 200.

**BS Insurance Core:** CCT 300W, CIS 300, FIN 300, MGT 300, MKT 300, INS 370, and INS 374.

CCT 300W should be taken in first six hours of upper division course work. BBA students must complete all business core courses prior to taking GBU 480. Students are urged to review carefully all course prerequisites, including the 60-hour rule before scheduling 300-level business courses. Failure to satisfy prerequisites may result in the student being administratively withdrawn from courses.

7. At least 12 hours in the major must be earned at EKU. A grade of "C" or better is required for each course in the major.
8. Students must choose a major field at the time they enter an *EKUBusiness* program. Students must meet with and have schedules approved by the academic advisor.
9. A second major can be completed in *EKUBusiness* or in another program of the University. A third business major is not permitted. Because business students take the business core, they are limited to selected minors offered by *EKUBusiness*. Free elective requirements for bachelor's degree programs in *EKUBusiness* cannot be met by choosing courses taught in Business. (See No. 4, BBA and BS Insurance under degree requirements.)
10. Students choosing to double-major must declare the BBA or BS Insurance degree as the first major.

#### PREREQUISITE STRUCTURE IN *EKUBUSINESS*

The *EKUBusiness* curriculum is highly structured and carefully integrated. The content and methodology utilized in upper-division courses are based upon the assumption that students

enrolled in these courses have matriculated through a specific series of lower-division courses which provide students with competencies needed for successful participation in upper-division business courses.

#### ENROLLMENT IN UPPER-DIVISION *EKUBUSINESS* COURSES

To enroll in the following upper-division **business-core** courses (CCT 300W, CIS 300, FIN 300, MKT 300, MGT 300, 370, and GBU 480) students must have:

1. completed ACC 201, 202, and ECO 230 with a grade of "C" or better in each course;
2. completed a minimum of 60 hours (or enrolled in enough additional course work to complete their 60th credit hour) with a cumulative 2.0 GPA; and
3. met all specific prerequisite(s) for each course.

To enroll in other upper-division business courses, students are required to have met the specific prerequisite(s) for each course and have earned an overall 2.0 GPA. Students majoring in other departments whose planned curriculum includes selected business courses (by virtue of agreements of sponsoring departments with a business program) must also adhere to all specified course prerequisites. Students majoring in programs other than business cannot earn more than 25 percent of their total degree requirements in courses with business prefixes.

#### Course Repeat Policy

Courses may be repeated *once*. Second or subsequent repeats (maximum of three enrollments) must be requested on a College Exception form approved by the Dean of the College. Exceptions will only be considered under unusual circumstances. An enrollment is counted as a repeat if a previous enrollment in the course resulted in a passing or failing grade or a "W" due to withdrawing from the course.

#### BACHELOR OF BUSINESS ADMINISTRATION AND BACHELOR OF SCIENCE IN INSURANCE

The Department of Accounting, Finance, and Information Systems provides a Bachelor of Business Administration and a Bachelor of Science in Insurance which offer unique programs of study. The BBA and BS in Insurance are the only undergraduate insurance degrees in insurance in Kentucky. Students in these programs must meet prerequisites as noted.

#### BACHELOR OF SCIENCE IN BUSINESS AND MARKETING EDUCATION/TEACHING

The Department of Management, Marketing, and Administrative Communication, in cooperation with the College of Education, provides programs leading to certificates qualifying graduates to teach business subjects in grades 5-12. For admission requirements, see **Admission to Teacher Education and Admission to Student Teaching** sections in the College of Education portion of this *Catalog*. Also see **Policies and Requirements** sections in the same portion of this *Catalog*. Students in these programs must meet the business prerequisites as

noted. Students interested in business teacher certification should consult the Chair of the Department of Management, Marketing, and Administrative Communication.

Business and Marketing Education/Teaching requires all students to meet the general education knowledge for initial teacher preparation requirements (see College of Education section of this *Catalog*).

**TRANSFER STUDENTS AND STUDENTS FROM OTHER EKU COLLEGES**

BBA and BS program requirements for transfer students are the same as those for students enrolling initially at EKU. Transfer students must have completed at least 60 semester hours of course work and all the requirements listed above to be eligible for upper-division business courses.

EKUBusiness considers lower-division credits transferred to EKU as lower division, even if EKU offers what appears to be a comparable course at the upper-division level. However, the dean of the College of Business and Technology may accept individual courses at EKU if the courses are validated using acceptable validation techniques. CLEP® and departmental exams are examples of possible validation techniques. With specified courses in real estate and accounting, the successful completion of advanced courses in the subject field for which the transfer course is a foundation or supporting requirement is an acceptable validation method. A successfully validated lower-division transfer course may not be utilized to fulfill the 43-hour upper-division graduation requirement.

**CERTIFIED PUBLIC ACCOUNTANT (CPA)**

The Kentucky legislature has mandated that students taking the CPA exam in the year 2000 and thereafter must have completed 150 semester hours. Therefore, accounting graduates seeking the CPA designation will need to complete additional undergraduate or graduate hours.

**DEPARTMENT OF ACCOUNTING, FINANCE, AND INFORMATION SYSTEMS**

Chair  
**Dr. Oliver Feltus**  
 (859) 622-1087

**Business and Technology Center 108**

Faculty

**R. Chen, J. Colbert, G. Crowley, E. Duett, Z. Eser, O. Feltus, E. Fenton, M. Hawksley, L. Higgins, M. Holbrook, J. Larsgaard, C. Lin, S. Loy, R. Mahaney, P. Maskara, T. Randles, R. Rogow, and D. Travis**

**Baccalaureate Degrees**

**ACCOUNTING (B.B.A.)**  
*CIP Code: 52.0301*

**University Requirement .....1 hour**

BTO 100.

**General Education Requirements .....36 hours**  
 Standard General Education program, excluding general education blocks II, VB, VC, and VII(QS). Refer to Section Four of this *Catalog* for details on the General Education and University requirements.

**College Requirement: Professional Skills Seminar**  
 BTS 300 (CR) and BTS 400 (CR).

**Supporting Course Requirements .....15 hours**  
 MAT 211, CIS 212 or CSC 104; PSY 200 or 200W or SOC 131; ECO 230, 231.

**Free Electives (non-business) .....8 hours**  
**Business Requirements**

**Pre-Business Core .....12 hours**  
 ACC 201, 202; GBU 204; QMB 200.

**Business Core .....21 hours**  
 CCT 300W, CIS 300, FIN 300, MGT 300, 370, MKT 300, GBU 480.

**Major Requirements .....27 hours**  
 ACC 301, 302, 322, 327, 350, 441, and nine elective hours (six from ACC 425, 440, 490, 501, 521, 523 or 525; and an additional three hours from this list or a non-accounting course approved by advisor, or ACC 349).

**Total Curriculum Requirements .....120 hours**

**COMPUTER INFORMATION SYSTEMS (B.B.A.)**  
*CIP Code: 52.1201*

**University Requirement .....1 hour**  
 BTO 100.

**General Education Requirements .....36 hours**  
 Standard General Education program, excluding general education blocks II, VB, VC, and VII(QS). Refer to Section Four of this *Catalog* for details on the General Education and University requirements.

**College Requirement: Professional Skills Seminar**  
 BTS 300 (CR) and BTS 400 (CR).

**Supporting Course Requirements .....18-21 hours**  
 CIS 240; CIS 212 or CSC 104; ECO 230, 231; MAT 211 or the combined courses of MAT 107 and QMB 240; PSY 200 or 200W or SOC 131.

**Free Electives (non-business) .....2-5 hours**  
**Business Core Requirements**

**Pre-Business Core .....12 hours**  
 ACC 201, 202; GBU 204; QMB 200.

**Business Core .....21 hours**  
 CCT 300W, CIS 300, FIN 300, GBU 480, MGT 300, 370, MKT 300.

**Major Requirements .....27 hours**  
 CIS 215, 335, 340, 375, 380, 410 and one of the following options:

**General Computer Information Systems Option:**  
 Nine hours from CIS 320, CIS 325, CIS 349 (up to a maximum of three hours), CIS 370, CIS 400, CIS 475, or an upper-division course approved by the department.

**Network Management Option:**  
 CIS 475 and an additional six hours from CIS 349 (up to a maximum of three hours), CIS 370, EET 354, EET 403, or an upper-division course approved by the department.

**Total Curriculum Requirements .....120 hours**

**FINANCE (B.B.A.)***CIP Code: 52.0801*

<b>University Requirement</b> .....	<b>1 hour</b>
BTO 100.	
<b>General Education Requirements</b> .....	<b>36 hours</b>
Standard General Education program, excluding general education blocks II, VB, VC, and VII(QS). Refer to Section Four of this <i>Catalog</i> for details on the General Education and University requirements.	
<b>College Requirement: Professional Skills Seminar</b>	
BTS 300 (CR) and BTS 400 (CR).	
<b>Supporting Course Requirements</b> .....	<b>15-18 hours</b>
CIS 212 or CSC 104; ECO 230, 231; MAT 211 or the combined courses of MAT 107 and QMB 240; PSY 200 or 200W or SOC 131.	
<b>Free Electives (non-business)</b> .....	<b>2-5 hours</b>
<b>Business Requirements</b>	
<b>Pre-Business Core</b> .....	<b>12 hours</b>
ACC 201, 202; GBU 204; QMB 200.	
<b>Business Core</b> .....	<b>21 hours</b>
CCT 300W, CIS 300, FIN 300, GBU 480, MGT 300, 370, MKT 300.	
<b>Major Requirements</b> .....	<b>30 hours</b>
FIN 201, 301; and one of the following options:	
<b>Managerial Finance Option:</b>	
ACC 301, 302, 327, FIN 310, 330, 410, 424, and three hours from ACC 322, 425, 501, 525, FIN 311, 324, 349, 420.	
<b>Financial Planning Option:</b>	
ACC 322, FIN 311, 324, 420, INS 370, 374, 474 and three hours from FIN 310, 330, 349, 410, 424, INS 380.	
<b>Total Curriculum Requirements</b> .....	<b>120 hours</b>

**INSURANCE (B.B.A.)***CIP Code: 52.1701*

<b>University Requirement</b> .....	<b>1 hour</b>
BTO 100.	
<b>General Education Requirements</b> .....	<b>36 hours</b>
Standard General Education program, excluding general education blocks II, VB, VC, and VII(QS). Refer to Section Four of this <i>Catalog</i> for details on the General Education and University requirements.	
<b>College Requirement: Professional Skills Seminar</b>	
BTS 300 (CR) and BTS 400 (CR).	
<b>Supporting Course Requirements</b> .....	<b>15-18 hours</b>
CIS 212 or CSC 104; ECO 230, 231; MAT 211 or the combined courses of MAT 107 and QMB 240; PSY 200 or 200W or SOC 131.	
<b>Free Electives (non-business)</b> .....	<b>5-8 hours</b>
<b>Business Requirements</b>	
<b>Pre-Business Core</b> .....	<b>12 hours</b>
ACC 201, 202; GBU 204; QMB 200.	
<b>Business Core</b> .....	<b>21 hours</b>
CCT 300W, CIS 300, FIN 300, MGT 300, 370, MKT 300, GBU 480.	
<b>Major Requirements</b> .....	<b>27 hours</b>
INS 370, 372, 374, 378, 486 or 460 or 474, and twelve additional hours of insurance electives may be taken from the following: INS 349—up to a maximum of six hours, INS 380, 460, 474, 476, 486 and INS 400—up to a maximum of	

six hours total, INS 490—up to a maximum of six hours; APS 350, 351, 438, 465, FSE 221, 350, 361, 366, TRS 332, 342, GBU 310, 311, MGT 330, MKT 310, FIN 201 or FRM 352, FIN 310, 311 and 390S.

**Total Curriculum Requirements**..... **120 hours****INSURANCE (B.S.)***CIP Code: 52.1701*

<b>University Requirement</b> .....	<b>1 hour</b>
BTO 100.	
<b>General Education Requirements</b> .....	<b>39 hours</b>
Standard General Education program, excluding blocks II, VB, and VII(QS). Refer to Section Four of this <i>Catalog</i> for details on the General Education and University requirements.	
<b>College Requirement: Professional Skills Seminar</b>	
BTS 300 (CR) and BTS 400 (CR).	
<b>Supporting Course Requirements</b> .....	<b>9-12 hours</b>
ECO 230, CIS 212 or CSC 104; MAT 211 or the combined courses of MAT 107 and QMB 240.	
<b>Free Electives</b> .....	<b>14-17 hours</b>
<b>Business Requirements</b>	
<b>Pre-Core</b> .....	<b>12 hours</b>
ACC 201, 202; GBU 204; QMB 200.	
<b>Core</b> .....	<b>21 hours</b>
CCT 300W, CIS 300, FIN 300, MGT 300, MKT 300; INS 370, 374.	
<b>Insurance Major Requirements</b> .....	<b>21 hours</b>
INS 372, 378; 460 or 474 or 486; and twelve hours from INS 349 (1-6 hours), 380, 400 (up to a maximum of six hours), 460, 474, 476, 486, 490 (1-6 hours), or any upper division INS course not taken as part of major requirements, GBU 310, 311, MGT 330, MKT 310, APS 350, 351, 438, 465, FSE 221, 350, 361, 366, TRS 332, 342, FIN 201 or FRM 352, FIN 310, 311 and 390S.	
<b>Total Curriculum Requirements</b> .....	<b>120 hours</b>

**Minors****MINOR IN COMPUTER INFORMATION SYSTEMS**

A minor in computer information systems is offered for students in both business and non-business programs. The minor consists of 18 hours of computer information systems courses including CIS 215, 240, 335, 375, 380, and three hours of upper-division courses approved by the department. At least 12 hours of the minor must be earned at EKU. Students pursuing the computer information systems minor must maintain a 2.25 GPA on all work counting toward the minor.

**MINOR IN INSURANCE AND RISK MANAGEMENT**

Designed for the non business major, the minor consists of 18 hours including three hours of a required accounting course, nine hours of required Insurance courses and six hours of approved Insurance electives.

Students must earn at least 12 of the 18 hours used for the minor in residence at EKU and must maintain a cumulative GPA of 2.0 in all courses comprising the minor.

**MINOR IN PERSONAL FINANCE**

Designed to prepare students to make informed financial decisions regarding investments, mortgages, loans, retirement planning, etc. Students minoring in personal finance must earn at least 12 hours of the total hours at ECU and maintain a cumulative GPA of 2.0 in all courses comprising the minor. This minor includes the following courses:

**Requirements.....**  
 ACC 201, 322; FIN 201, 311, 324; INS 370  
**Total Requirements.....18 hours**

**Certificates**

**CERTIFICATE IN ACCOUNTING**

The Certificate in Accounting is designed to prepare individuals who have a bachelor’s degree in another field for entry into the accounting profession. This program satisfies the Kentucky requirement that individuals taking the CPA Exam have a bachelor’s degree in accounting or the equivalent.

Requirements include a bachelor’s degree from an accredited college or university and completion of the following courses:

**Supporting Course Requirements.....18 hours**  
 QMB 200, CIS 335, ECO 230, CMS 100, MAT 107 and (QMB 240 or MAT 211 or MGT 340).  
**Major Requirements.....31 hours**  
 ACC 201, 202, 250, 301, 302, 327, 322, 441, 440 and six hours from 400-500 level Accounting courses.  
**Total Curriculum Requirements.....49 hours**

**CERTIFICATE IN FINANCIAL LITERACY**

The Certificate in Financial Literacy prepares students for training youth and adults for their financial literacy needs. This certificate includes 12 hours of required courses.

**Requirements.....**  
 FIN 201, 310, 311, 390S  
**Total Requirements.....12 hours**

**DEPARTMENT  
 OF MANAGEMENT, MARKETING,  
 AND ADMINISTRATIVE  
 COMMUNICATION**

**Chair**

**Dr. Lana Carnes  
 (859) 622-1377**

**Business and Technology Center 11**

**Faculty**

**F. Awang, P. Brewer, S. Brown, L. Carnes, B. Christensen, K. Cumiskey, R. Davis, N. Elbert, A. Engle, C. Heath, K. Kincer, R. Powers, M. Reid, M. Roberson, M. Robles, J. Spain, K. Tabibzadeh, H. Vicdan, J. Vice, Z. Zhang and W. Zhuang.**

**Baccalaureate Degrees**

**GENERAL BUSINESS (B.B.A.)**

*CIP Code: 52.0101*

**University Requirement .....1 hour**  
 BTO 100.  
**General Education Requirements .....36 hours**  
 Standard General Education program, excluding general education blocks II, VB, VC, and VII(QS). Refer to Section Four of this *Catalog* for details on the General Education and University requirements.  
**College Requirement: Professional Skills Seminar**  
 BTS 300 (CR) and BTS 400 (CR).  
**Supporting Course Requirements.....15 hours**  
 MAT 107 or 211; PSY 200 or 200W or SOC 131; ECO 230, 231; CIS 212 or CSC 104.  
**Free Electives .....5-8 hours**  
**Business Requirements**  
**Pre-Business Core .....12 hours**  
 ACC 201, 202; GBU 204; QMB 200.  
**Business Core .....21 hours**  
 CCT 300W, CIS 300, FIN 300, MGT 300, 370, MKT 300, GBU 480.  
**Major Requirements.....27-30 hours**  
**General Business Option (27 hours):**  
 GBU 201, MGT 340, three hours in Marketing (MKT 304, 306, 309, 310, 320, 350, 400, or 401); three hours in Finance (FIN 301, 302, 304, 310, 311, 324, or 330), and three hours in Management (MGT 320, 330, 406, 430, or 470), and one additional approved upper-division course from Finance, Marketing, or Management, and nine hours of approved business electives from the following prefixes: ACC, CCT, CIS, FIN, GBU, INS, MGT, MKT, RST.  
**International Business Option (30 hours):**  
 GBU 201, MGT 340, six hours of foreign language, CCT 310, FIN 330, MGT 430, MKT 400; and six hours of business credit which will include course of study and/or internship in a foreign country. Exemptions from the foreign study requirement are available only with the chairperson approval. International students may choose to fulfill this requirement through internships, cooperative education, or approved upper-division courses in business

Business and  
 Technology

or economics (ECO 394).

**Global Supply-Chain Management Option (30 hours):**

GBU 201, MGT 340, 375, 430, MKT 315, 400, 431; 6 hours from the following courses: CIS 335 or 380, AEM 400, MGT 406, MKT 312; and 3 hours of approved business electives from the following prefixes: ACC, CCT, CIS, FIN, GBU, INS, MGT, MKT, RST, or International Economics (ECO 394).

**Corporate Communication and Technology Option (30 hours)**

CCT 302, 310, 550, 570, CIS 410, GBU 201, MGT 340, MGT 480; 3 hours from the following courses: MKT 309, MKT 400, MKT 401; 3 hours from the following courses: MGT 330, MGT 465, MGT 320.

**Total Curriculum Requirements.....120 hours**

**MANAGEMENT (B.B.A.)**

*CIP Code: 52.0201*

**University Requirement .....1 hour**  
BTO 100.

**General Education Requirements .....36 hours**  
Standard General Education program, excluding general education blocks II, VB, VC, and VII(QS). Refer to Section Four of this *Catalog* for details on the General Education and University requirements.

**College Requirement: Professional Skills Seminar**  
BTS 300 (CR) and BTS 400 (CR).

**Supporting Course Requirements.....15 hours**  
MAT 107 or MAT 211; PSY 200 or 200W or SOC 131; ECO 230, 231; CIS 212 or CSC 104.

**Free Electives .....5 hours**  
**Business Requirements**

**Pre-Business Core .....12 hours**  
ACC 201, 202; GBU 204; QMB 200.

**Business Core .....21 hours**  
CCT 300W, CIS 300, FIN 300, MGT 300, 370, MKT 300, GBU 480.

**Major Requirements.....24 hours**  
MGT 320, 340, 400, 480, and one of the following options:

**Management Option:**  
12 hours of approved upper division management electives (excludes MGT 300 and MGT 349).

**Human Resource Management Option:**  
MGT 410, 425, 440, 445.

**Approved Business Electives** (may choose from the following prefixes: ACC, CCT, CIS, FIN, GBU, INS, MGT, MKT, RST).....**6 hours**

**Total Curriculum Requirements.....120 hours**

**MARKETING (B.B.A.)**

*CIP Code: 52.1401*

**University Requirement .....1 hour**  
BTO 100.

**General Education Requirements .....33-36 hours**  
Standard General Education program, excluding general education blocks II, VB, VC, and VII(QS). For Music Marketing Option, block IIIA is also excluded. Refer to Section Four of this *Catalog* for details on the General Education and University requirements.

**College Requirement: Professional Skills Seminar**

BTS 300 (CR) and BTS 400 (CR).

**Supporting Course Requirements.....15-18 hours**  
CIS 212 or CSC 104; ECO 230, 231; MAT 107 or 211; PSY 200 or 200W or SOC 131; MUS 272 (For Music Marketing Option).

**Free Electives .....0-13 hours**  
May include 3 hours approved business electives. Upper Division electives may be required to meet the University 43 hour upper division requirement. (Music Marketing Option: recommend BEM 240, and other business courses as electives, up to 50% of program).

**Business Requirements**

**Pre-Business Core .....12 hours**  
ACC 201, 202; GBU 204; QMB 200.

**Business Core .....21 hours**  
CCT 300W, CIS 300, FIN 300, MGT 300, 370, MKT 300, GBU 480.

**Major Requirements.....27- 45 hours**

**Marketing Option .....27 hours**  
MGT 340, MKT 350, 400, 455, and 15 hours of approved upper division marketing electives (excludes MKT 300 and MKT 349).

**Music Marketing Option.....30 hours**  
MGT 340, MUS 190 (2), 191 (2), 290 (2), 390 (3), 391 (3), and 15 hours from the following courses: MGT 330, MKT 304, 306, 310, 349, 400, or 401.

**Professional Golf Management Option.....45 hours**  
MGT 201, 202, 203, 204, 205, 206, 207, 340; MKT 310, 350, 405; ; PGM 349A-E (1); additional requirements: NFA 445, OHO 351 (4).

**Approved Business Electives (Music and Marketing Majors only)** from the following prefixes: ACC, CCT, CIS, FIN, GBU, INS, MGT, MKT, RST.....**3 hours**

**Total Curriculum Requirements.....128-130 hours**

**BUSINESS AND MARKETING EDUCATION/TEACHING (B.S.)**

*CIP Code: 13.1303*

**University Requirement .....1 hour**  
BTO 100.

**General Education Requirements .....36 hours**  
Standard General Education program, excluding general education blocks II, VB, VC, and VII(QS). Refer to Section Four of this *Catalog* for details on the General Education and University requirements.

**College Requirement: Professional Skills Seminar**  
BTS 300 (CR) and BTS 400 (CR).

**Supporting Course Requirements.....12 hours**  
MAT 107 or 211; ECO 230, 231; CIS 212 or CSC 104.

**Free Electives (non-business).....2 hours**  
**Teacher Education Requirements.....31 hours**  
EDF 103, 203, 319, 413, ESE 490, 499, 573 and SED 401 or 401S.

**Business Core .....15 hours**  
CIS 300, FIN 300, GBU 204, MGT 300, and QMB 200.

**Major Requirements.....30 hours**  
ACC 201, 202, CCT 101, 200, 201, 302, 570; MKT 300; MGT 340 and three hours from MKT 304, 310, 320 or 400.

**Total Curriculum Requirements.....127 hours**

Candidates earning a degree that leads to teacher certification must take the PRAXIS Series (Professional Assessments for Beginning Teachers) and PLT (Principles of Learning and Teaching) exams as a requirement for graduation. Candidates are encouraged to review the schedule for PRAXIS and PLT registration deadlines prior to beginning the senior year (<http://www.kyepsb.net/assessment/index.asp> AND [www.ets.org/praxis](http://www.ets.org/praxis)). Specialty exams are required for each certification area sought and it may take more than one test date to complete all requirements. Candidates should confer with their education advisor/counselor to determine the most optimal time to take required exams.

**Associate Degree**

**OFFICE SYSTEMS AND TECHNOLOGIES (A.A.S.)**

*CIP Code: 52.0401*

Office Systems and Technologies (A.A.S.) degree majors require a “C” or better in their Supporting Course and Major Requirements.

- University Requirement .....1 hour**  
BTO 100.
- General Education Requirements .....15 hours**  
ENG 101, 102, three hours of Humanities, three hours of Math or Science, CMS 100 or 210.
- Free Electives (non business) .....1 hour**
- Business Requirements**
- Supporting Course Requirements .....15 hours**  
ACC 201, 202; ECO 230 or 231; GBU 204; CCT 349 or ECO 230 or 231.
- Major Requirements .....28 hours**  
CCT 101, 106 (1 hour), 200, 201, 250, 280, 290, 302, 303, 310.
- Total Curriculum Requirements .....60 hours**

**Minors**

**MINOR IN BUSINESS**

The Business Minor is offered for students majoring in programs other than Business. The minor consists of 21 hours including 18 hours of required courses and three hours of supporting courses. To enroll in an upper-division, business core course in the minor, students must (a) have completed ACC 201, 202, and ECO 230 with a “C-” or better, (b) have completed a minimum of 60 hours, and (c) have met the prerequisite of the specific course. Students minoring in business must earn at least 12 of the total hours used for the minor in residence at EKU and attain a cumulative GPA of 2.0 in all courses comprising the minor.

- Required Courses .....18 hours**  
ACC 201, 202 and four courses from the following:  
CCT 300W, CIS 300, FIN 300, GBU 204, MGT 300, MKT 300.
- Supporting Course .....3 hours**  
ECO 230.
- Total Requirements .....21 hours**

**MINOR IN ENTREPRENEURSHIP**

The Entrepreneurship Minor is offered to students majoring in programs other than business who have a desire to obtain basic business knowledge and skills related to starting their own business or possibly assuming management of an existing business (family-owned, for example). The program consists of 18 hours of required courses and three hours of electives from specified business courses. To enroll in a 300-level business course, students must have completed a minimum of 60 hours and have met the prerequisites of the specific course. Students must earn at least 12 of the total hours used for the minor in Entrepreneurship at EKU and attain a cumulative GPA of 2.0 in the minor.

- Required Courses .....18 hours**  
ACC 201, CCT 101, FIN 201, MGT 301, 330, MKT 301
- Business Elective .....3 hours**  
One course from the following:  
ACC 202, CCT 201, GBU 204, MGT 320, 465, MKT 304, 306, 310, FIN 310, 311.
- Total Requirements .....21 hours**

**MINOR IN MANAGERIAL COMMUNICATION  
(for business majors only)**

The managerial communication minor is offered for business (BBA) majors who want to increase their communication effectiveness in their major field of study. The minor is designed to provide training in interpersonal communication, oral and written presentations, research and reporting, and production of other business publications/communications. These skills are transferable to any profession and are crucial in tasks such as communicating organizational change, establishing and implementing goals, communicating internally, relating to employees, dealing with the public, and addressing the media. The managerial communication minor consists of the following courses (18 hours) with 50 percent (nine hours) taken in residence at EKU:

- Required Courses .....18 hours**  
CCT 201 or 300W (whichever has not been completed as part of the business core); CCT 200, 250, 302, 450, and PUB 375. Courses taken toward a major may not be counted toward the minor in managerial communication. Substitute courses must be approved by the department chair.

**MINOR IN OFFICE ADMINISTRATION**

An office administration minor is available to students in any College and consists of the following courses (18 hours) with at least 50 percent (nine hours) taken in residence at EKU:

- Required Courses .....18 hours**  
CCT 200, 201 or 300W, 250, 290 or CIS 230, 302, and 303. Courses taken toward a major may not be counted toward the minor in office administration.



## DEPARTMENT OF COMMUNICATION

**Interim Chair**  
**Dr. Elizabeth Hansen**  
 (859) 622-1871  
 Combs 317

### Faculty

**R. Beehner, M. Branstetter, C. Cogdill, J. Fairchild, J. Fitch, D. Givens, J. Gleason, M. Hesse, K. Keltner, K. Kimmel, E. Meiners, K. Rudick, J. Strada, J. Taylor, A. Thieme, J. Thornberry, and J. Violette.**

The Department of Communication offers four-year Bachelor of Arts degree programs in four areas: Broadcasting and Electronic Media, Communication Studies, Journalism, and Public Relations.

### DEPARTMENT GOALS

The Department of Communication seeks to provide excellence in learning through the use of innovative processes and cutting edge programs and to provide excellent instructional programs with an emphasis on hands-on and practical learning. Students in the department must exhibit analysis, problem-solving and decision making skills and communication competencies (theory, principles, and practice/skills).

### PROGRAM OBJECTIVES

#### BROADCASTING AND ELECTRONIC MEDIA

Graduates of the Broadcasting and Electronic Media program pursue careers in the broadcasting/film industry, as well as in cable companies, industrial and corporate video facilities, advertising agencies, and production houses. Students in the General Option must demonstrate excellence in their ability to produce and edit either audio or video material to create a variety of projects. Students in the News Option must demonstrate excellence in gathering information, writing, and visual story-telling that meets accepted journalistic standards using a variety of visual platforms. Students in the Film Techniques and Technology Option must demonstrate excellence in writing, visualizing, shooting, editing, and cinematic story telling.

#### JOURNALISM

Graduates of the Journalism program find jobs with newspapers, newsletters, magazines, businesses, governmental public information offices, and advertising firms. Journalism majors must be able to accurately gather information, analyze it, and present it to audiences using a variety of platforms.

#### PUBLIC RELATIONS

Graduates of the Public Relations program pursue careers with corporations, non-profit organizations, education, government, and public relations agencies. Activities include writing and producing newsletters, news releases and speeches and planning events. Students must demonstrate excellence in research, planning, communication and evaluation of public situations using a variety of platforms to meet accepted Public Relations Society of America published standards for public relations education.

### COMMUNICATION STUDIES

Graduates of the Communication Studies program pursue careers in labor relations, human resources, tourism, banking, corporate relations, sales, and other areas. Activities might include conflict resolution, negotiation, assessment of client/business needs, doing a communication audit of a company or administration. Students will exhibit cognitive and behavioral learning demonstrating (a) sufficient knowledge about various human communication processes and (b) satisfactory skills related to communication competency.

### MINORS

The department also offers minors in Advertising, Broadcast News, Broadcasting and Electronic Media, Communication Studies, Dispute Resolution, Journalism, Public Relations, and Visual Media.

### MEDIA PRODUCTIONS

Three student media productions are supervised by the department: the student newspaper, *The Eastern Progress*; the EKU yearbook, *Milestone*; and a television news show, Madison County Cable News. Majors and non-majors can receive academic credit for work on some productions.

### REQUIREMENTS

Some courses may require special skills and equipment such as the ability to keystroke a minimum of 25 words per minute. Instructors will notify students of these requirements at the first class meeting.

Students may earn up to 16 credit hours toward their degree by enrolling in cooperative education courses. Credit for additional practical experience may be earned through practicums. Students majoring or minoring in the Department of Communication are required to attain a minimum grade of "C" in all courses (core and supporting) for a major or minor and a 2.25 or better GPA in all courses (core and supporting) required for the major or minor.

### Baccalaureate Degrees

#### **BROADCASTING AND ELECTRONIC MEDIA (B.A.)**

*CIP Code: 09.0701*

<b>University Requirement.....</b>	<b>1 hour</b>
BTO 100.	
<b>General Education Requirements .....</b>	<b>48 hours</b>
Standard General Education program. Refer to Section Four of this <i>Catalog</i> for details on the General Education and University requirements.	
<b>College Requirement: Professional Skills Seminar</b>	
BTS 300 (CR) and BTS 400 (CR).	
<b>Free Electives.....</b>	<b>29-31 hours</b>
<b>Major Requirements.....</b>	<b>40-42 hours</b>
<b>Broadcasting &amp; Electronic Media Core.....</b>	<b>19 hours</b>
BEM 240, 295 (4), 300, 370 (4) or 395 (4), 343 (1) or 349 (1) or 398 (1), 491 (1), COM 200 or 200W.	
<b>Options.....</b>	<b>21-23 hours</b>
<b>General.....</b>	<b>22 hours</b>
BEM 425, 495 (4) and 3 hours selected from BEM	

375 or 301, COM 325, 330, or 353, 9 hours selected from BEM 375, 395, 401, 402, COM 201, 300, 301, 325, 330, 353, 405, 415, 420, 425, 430, 445, 471, JOU 325, JOU 320 or PUB 320, JOU 412 or PUB 412, PUB 375, 380.

**Broadcast News.....21 hours**  
COM 405, BEM 301, 401, 402, and 9 hours selected from BEM 375, 425, 495 (4), COM 300, 330, 405, 415, 420, 430, JOU 320 or PUB 320, JOU 412 or PUB 412, PUB 375.

**Film Techniques & Technology.....23 hours**  
BEM 350 (3), 351 (3), 353 or 353W (3), 370 (4), 425 (3), 495 (4), 352 (3).

**Total Curriculum Requirements.....120 hours**

**COMMUNICATION STUDIES (B.A.)**

*CIP Code: 09.0101*

**University Requirement .....1 hour**  
BTO 100.

**General Education Requirements .....45 hours**  
Standard General Education program excluding Block IC. Refer to Section Four of this *Catalog* for details on the General Education and University requirements.

**College Requirement: Professional Skills Seminar**  
BTS 300 (CR) and BTS 400 (CR).

**Free Electives.....26 hours**

**Major Requirements.....48 hours**  
CMS 200, 205 or 205W, 210, 250, 300, 305, 310, 315 and/or 349 (3 hours), 325, 350, 410, 450 or 485 or 485S, 495, and nine hours from the following courses:  
CMS 320, 353, 375, 400, 420, 450, 490, or PUB 385.

**Total Curriculum Requirements.....120 hours**

**JOURNALISM (B.A.)**

*CIP Code: 09.0401*

**University Requirement .....1 hour**  
BTO 100.

**General Education Requirements .....45 hours**  
Standard General Education program excluding Block VII SBS. Refer to Section Four of this *Catalog* for details on General Education and University requirements.

**College Requirement: Professional Skills Seminar**  
BTS 300 (CR) and BTS 400 (CR).

**Free Electives.....15 hours**

**Minor Requirements.....18 hours**  
Journalism students must complete a minor in an area other than JOU, PUB, or BEM.

**Major Requirements.....24 hours**  
COM 201 and 301, JOU 302 (1), 305 or 305W, 310, 325, 401, 425(4), and 491(1).

**Supporting Course Requirements.....17 hours**  
COM 200 or 200W, 405 and 415, and 8 hours selected from COM 330, 430, 471; JOU 302, 307, 320, 410, 412, 450 or 480, PUB 320 or 412.

**Total Curriculum Requirements.....120 hours**

**PUBLIC RELATIONS (B.A.)**

*CIP Code: 09.0902*

**University Requirement .....1 hour**  
BTO 100.

**General Education Requirements .....42 hours**  
Standard General Education program excluding block VB and block VC. Refer to Section Four of this *Catalog* for details on General Education and University requirements.

**College Requirement: Professional Skills Seminar**  
BTS 300 (CR) and BTS 400 (CR).

**Supporting Course Requirements.....21 hours**  
COM 420, ECO 130 or 230 or 231, JOU 320 or PUB 320, MGT 301 or BEM 425, POL 101 and six hours from the following courses: COM 301, 309, 325, 390, 425, GCM 211, JOU 412 or PUB 412, MKT 301, PUB 385, 480, or 520.

**Free Electives.....18 hours**

**Major Requirements.....38 hours**  
BEM 295 (4); 375, COM 200 or 200W, 201, 405, JOU 305, 325 or TEC 313, PUB 375, 380, 470 (1) or 349 (1), 475, 490 (4), and 491 (2).

**Total Curriculum Requirements.....120 hours**

**Minors**

**MINOR IN ADVERTISING**

**Requirements.....21 hours**

Courses required for a minor in advertising are COM 325, 425, 471, JOU 320 or PUB 320, MKT 301, 320, and COM 490 or MKT 426. Three hours of COM/MKT courses taken to fulfill requirements for another major may be counted toward the advertising minor.

**MINOR IN BROADCAST NEWS**

**Requirements.....22 hours**

Courses required for a minor in broadcast news are BEM 240, 295 (4), 401; COM 405 and six hours from BEM 300, 301, 343, 395 (4), 398, 402; COM 415, 430. Courses counted toward the major may not be counted toward the minor in broadcast news. Substitute courses will be selected by the student and the departmental advisor.

**MINOR IN BROADCASTING AND ELECTRONIC MEDIA**

**Requirements.....22 hours**

Courses required for a minor in broadcasting and electronic media are BEM 300, 375; 240 and 295 (4); and three courses selected from BEM 395 (4), 343, 398, 410, 425, or COM 471. Courses counted toward a major may not be counted toward the minor in broadcasting and electronic media. Substitute courses will be selected by the student and the departmental advisor.

**MINOR IN COMMUNICATION STUDIES**

**Requirements.....21 hours**

Courses required for a minor in communication studies are CMS 200, 205 or 205W, 210, 250, 300, 310, and three hours from the following courses: CMS 320, 375, or 485 or 485S.

**MINOR IN DISPUTE RESOLUTION**

**Requirements.....18 hours**  
 Courses required for a minor in dispute resolution are CMS 205 or 205W, 250, 320, 325, 420, 450.

**MINOR IN JOURNALISM**

**Requirements.....18 hours**  
 Courses required for a minor in journalism are COM 200 or 200W, 201, 301, JOU 305, 310, and three hours from JOU 307, 325, or 401. Courses counted toward a major may not be counted toward the minor in journalism.

**MINOR IN PUBLIC RELATIONS**

**Requirements.....18 hours**  
 Courses required for a minor in public relations are COM 200 or 200W, 201; BEM 375; PUB 375, 380, and 475. Courses counted toward a major may not be counted toward the minor in public relations. Substitute courses will be selected by the student and the departmental advisor.

**MINOR IN VISUAL MEDIA**

**Requirements.....20 hours**  
 Courses required for a minor in visual media are BEM 295(4), 395(4), COM 325, JOU 320 or PUB 320, JOU 325 and GCM 211. Courses counted toward a major may not be counted toward the minor in visual media. Substitute courses will be selected by the student and the departmental advisor.

## **DEPARTMENT OF MILITARY SCIENCE AND LEADERSHIP (ARMY)**

**Lieutenant Colonel Richard Livingston**  
**Chair and Professor of Military Science**  
 524 Begley, (859) 622-1205, richard.livingston@eku.edu

**Military Science and Leadership Faculty**

**Major Isaias Martinez Jr., Major Allen Back, Major Lawrence Carta, First Lieutenant Nick Palmer, Master Sergeant Michael Davenport, First Sergeant (Ret) Richard Sirry, Sergeant First Class Anthony Franke, and Major Dewayne Simpson at the University of the Cumberlands**

**Reserve Officer Training Corps (ROTC)**

Getting a degree doesn't necessarily guarantee employment. Taking Army ROTC will. The Reserve Officer Training Corps (ROTC) is a premier leadership-training program that prepares you to be a leader in any organization or business. ROTC enhances any Bachelors or Masters Degree program by making you better at time management, setting goals, making decisions, building teams, influencing others, and achieving success. The skills you develop in ROTC give you an advantage over your job-seeking peers; and at the end of the program you will have a full-time job waiting for

you as a Commissioned Officer in the United States Army or part time in the Army Reserve or National Guard.

**Career Opportunities**

Commissioning Officers in the United States Army is a privilege reserved for the President of the United States. Students who graduate from Eastern's Army ROTC program are commissioned as Second Lieutenants and serve with other dedicated young men and women in our nation's defense. As new Lieutenants, officers serve in a variety of branches, such as Transportation, Military Police, Engineers, as Army Nurses, etc. and have the opportunity to travel worldwide. Starting salary for an active duty Lieutenant is over \$40,000, plus full individual and family medical coverage and 30 days paid vacation annually. For those who desire only a part-time commitment, the Guaranteed Reserve Forces Duty option gives students assurance they will be able to serve their country from home, adding stability to their chosen civilian career.

**Leadership Development**

EKU's Department of Military Science and Leadership has a proud reputation dating back to 1936. The program has commissioned over 2,100 officers. The program's unique approach to leadership development gives each student multiple opportunities to refine their own leadership skills and receive individualized performance feedback. Training is designed around a hands-on, experiential learning curriculum. Besides learning how to lead, students build their confidence by learning to rappel, negotiate EKU's new Challenge Course, fire the M-16 rifle, complete water survival training, and other adventure type activities. Students also learn to live the 7 Army Values – Loyalty, Duty, Respect, Selfless Service, Honor, Integrity, and Personal Courage by demonstrating these values as they participate in the Corps of Cadets, the Pershing Rifles Drill Team/Color Guard, Ranger Company, and the Scabbard and Blade National Honor Society.

**Scholarships and Simultaneous Membership**

Eligible students may compete for a variety of ROTC Scholarships available on-campus and through the Army Reserves and Army National Guard. These fully funded scholarships pay 100% tuition, a \$1,200 annual book allowance, and a \$300-\$500 **monthly** tax-free living allowance. Four-year scholarship students also receive free room and board. Members of the National Guard or Army Reserves who join ROTC under the Simultaneous Membership Program (SMP) may also receive a \$350 monthly SMP Kicker in addition to the tax-free ROTC living allowance, Montgomery GI Bill benefits, and E-5 drill pay.

**Eligibility and Obligations**

Students may enroll in any of the MSL 100-200 level courses without obligation. Students who desire to seek a commission must sign a contract before entering the Advanced Leadership Course (MSL 300-400 courses); they must also meet certain age, medical, citizenship, security clearance and military experience requirements. Military experience can be satisfied in a variety of methods (check with the ROTC Scholarship and Enrollment Officer at (859) 622-1215 for details). Students contracting into the Advanced Leadership Course will incur a military service obligation upon graduation.

**Leaders Training Course (LTC)**

One option for students who have no ROTC or military

experience is completion of MSL 210, Leaders Training Course. This is a paid 28-day incubator-style practicum emphasizing experiential, hands-on leadership assessment and development. Offered only during the summer sessions. The course is taught at Fort Knox, Kentucky.

**Scholar-Athlete-Leader**

Becoming an Army Officer doesn't just happen; it requires a level of commitment, determination, and selflessness that few civilian careers will ever demand. Army Officers are intellectually curious, mentally adroit, physically robust, and possess a willingness and passion to take charge and make the right things happen. If you are a Scholar-Athlete-Leader who wants to join the world's most sophisticated Army, then join EKU ROTC—"Where Leadership Excellence Begins."

**Minor**

**MINOR IN MILITARY LEADERSHIP (ARMY)**

**Requirements.....24 hours**

A minor in Military Leadership is available to students from any College who wish to obtain a commission as an officer in the United States Army, Army Reserve, or Army National Guard. Students must be contracted in the Advanced Course and complete 24 hours of advanced military science and leadership (MSL 301, 302, 303, 310, 311, 401, 402).

**AIR FORCE RESERVE OFFICERS' TRAINING CORPS  
(AIR FORCE ROTC)**

Lt. Colonel Kelvin O'Dell  
(859) 257-7115  
University of Kentucky (Host School)

**AIR FORCE Faculty**

**J. Hedge, M. Jordon, J. Colella**

Air Force Reserve Officers' Training Corps provides a means for college students to pursue an Air Force commission as an active duty Second Lieutenant while achieving their academic goals in their chosen field of study. AFROTC provides the Air Force with civilian educated officers and provides students with well-paying, challenging positions after graduating from college. Air Force ROTC improves and strengthens the qualities of decision-making, responsibility, and maturity in its students and helps them to develop leadership ability.

**Commission and Active Duty Requirements**

All students who successfully complete the professional officer course, usually taken during the junior and senior years, and a summer field training course, will be commissioned as Second Lieutenants in the active duty United States Air Force. A leadership laboratory is also a requirement to becoming commissioned and is open to students who are members of the Reserve Officer Training Corps or who are eligible to pursue a commission as determined by the Professor of Aerospace Studies. Students incur a service commitment ranging from four to eight years, depending on the specific program qualifications; although, most are only committed for four years.

**Admission to the Program**

The two major phases of the curriculum are the General Military Course (GMC) and the Professional Officer Course (POC). The GMC generally is taken during the first two years of college. It covers two main themes—the contemporary Air Force and its organization and the development and history of air power.

The GMC is open to all students and those enrolled in this program incur no military obligation unless the student is on scholarship beginning the first day of the sophomore year. A leadership seminar is also offered during each semester. During these sessions cadets learn Air Force customs and courtesies, proper wear of the uniform, and the fundamentals of Air Force drill and ceremonies. The freshman course is taught on-campus at Eastern Kentucky University and at the University of Kentucky. The leadership seminar is available at the University of Kentucky. Students initially registering for the GMC should sign up for these classes in the same manner they register for other college courses. Normally, students will enroll in both the academic class and leadership seminar.

The last two years, called the Professional Officer Course (POC), is normally taken during the junior and senior years of college. The POC curriculum covers Air Force management leadership, U.S. defense policy, and military law. A basic requirement for entrance into the POC is for the applicant to have two academic years remaining at either the undergraduate or graduate level or a combination of both. Prior enrollment in the GMC is not required for a student to enroll in the POC but students must have completed the summer field training program.

Entrance into the POC is competitive. Any student wishing to apply should contact the Professor of Aerospace Studies, University of Kentucky, Lexington, KY 40506-0028, (859) 257-7115 as early as possible, but no later than December of their sophomore year in college or the year they desire to compete. Applicants for the POC attend a four or five week field training session during the summer preceding entry into the POC. Cadets receive travel pay to and from field training and are paid for the time spent there.

**Scholarships**

Scholarships are available to those qualified and selected students who enroll in the Air Force ROTC cadet program. These scholarships cover tuition and laboratory fees, provide an allowance for books, and provide a nontaxable subsistence allowance of \$300-\$500 per month. High school students are eligible for four-year Air Force ROTC scholarships. Applicants for four-year scholarships are evaluated on the basis of: the American College Test (ACT) or the Scholastic Aptitude Test (SAT); high school academic record; class ranking; extracurricular and athletic activities; personal interview; and ability to qualify on an Air Force medical examination.

Two and three year scholarships are also awarded to cadets in the Air Force ROTC program on a competitive basis. Applicants for these scholarships should contact the Professor of Aerospace Studies on campus. There is also an Express Scholarship Program designed to attract students majoring in academic areas critical to the Air Force. The Express Scholarship Program awards two and three year scholarships and the academic majors are updated annually.

**Minor**

**MINOR IN AEROSPACE STUDIES**

**Requirements.....19 hours**

AFS 311, 312, 313, 314, 411, 412, 413, 414, and three hours of an elective approved by the Dean of the College of Business and Technology and the Professor of Aerospace Studies.

**DEPARTMENT OF APPLIED  
ENGINEERING AND  
TECHNOLOGY**

**Chair**

**Dr. L. Tim Ross**  
**(859) 622-3232**  
**Whalin 302**

**Faculty**

**A. Adams, J. Adamson, S. Arias, V. Chandra, D. Dailey, R. Davis, W. Davis, B. Dyer, S. Fardo, D. Field, C. Gagel, G. Gow, J. Kilgore, C. Land, T. Lloyd, M. Marchant, W. Reynolds, R. Richardson, L. Ross, S. Sgro, G. Steinbach, and J. Stratman**

The Department of Applied Engineering and Technology offers Bachelor of Science degree programs in six areas: Applied Engineering Management, Aviation, Construction Management, Graphic Communications Management, Network Security and Electronics and Career and Technical Education.

**DEPARTMENT GOALS**

The Department of Applied Engineering and Technology seeks to prepare professionals for careers in Aviation, Network Security and Electronics, Construction Management, Applied Engineering Management, and Graphic Communications Management through the Bachelor of Science degree programs; prepare technicians for careers in Computer Aided Drafting, Computer Electronics Technology, Digital Imaging Design and Quality Assurance Technology through the Associate of Applied Science degree programs; prepare professionals for careers in Career and Technical Education through certification, Associate of Applied Science, Bachelor of Science and Master of Science degree programs; to prepare selected professionals for advanced career opportunities in Applied Engineering and Technology Management through the Master of Science degree program; and to provide programs of quality instruction and professional services to the University and to the community.

**AVIATION**

Graduates of the Aviation program are prepared for professional careers in the aviation and aerospace fields.

The Professional Flight Option (PFO) prepares graduates for professional pilot careers. Graduates will be able to perform pilot duties of an aircraft carrying persons or property, plan and implement flight instruction, and will be qualified to fly an airplane solely by reference to instruments under instrument flight conditions (IMC).

The Aerospace Management (AM) option prepares graduates for management careers in the aviation and aerospace industry. Graduates of the AM option will be able to solve management and operational problems related to airline operations, demonstrate knowledge of corporate aviation, and demonstrate knowledge of how air transportation affects business, personal, and pleasure travel.



The Association of  
Technology,  
Management, and  
Applied Engineering

Business and  
Technology

**NETWORK SECURITY AND ELECTRONICS**

Graduates of the Network Security and Electronics program are prepared for a career in the high-tech computer electronics industry. Coursework in the program provides students with the knowledge and skills needed for installing, configuring, maintaining, and managing computer network systems and security, and digital electronic devices.

Graduates of this program will demonstrate proficiency in basic networking skills relevant to LAN/WAN environments, demonstrate proficiency in basic computing skills, demonstrate fundamental knowledge in electricity/electronics, and demonstrate effective communication skills while conveying information to technical and non-technical audiences. The Network Security and Electronics program is accredited by the Association of Technology, Management, and Applied Engineering.



**American Council for  
Construction Education**

**CONSTRUCTION MANAGEMENT**

Graduates of the Construction Management program are prepared for careers with general contracting firms, starting in a variety of management positions. Typical entry-level positions include: assistant project manager, estimator, superintendent, project scheduler, cost engineer, and field engineer. The Construction Management program is accredited by the American Council for Construction Education. Graduates of this program will have oral, written and graphic communication skills for successful performance in a construction environment; possess functional computer skills including the utilization of general and construction application software; apply mathematical and scientific skills in the management and execution of construction projects; apply the concepts of management, accounting, economics and ethics in the management and execution of construction projects; possess a basic understanding of the science of materials and the methods by which they are placed into service; possess the essential plan reading, quantity takeoff and pricing skills to function as a junior estimator; be able to prepare a project budget, analyze cost reports and make cash flow projections for a project, be able to prepare a project schedule, monitor progress toward completion, and update the schedule as needed; possess an advanced knowledge of OSHA standards and be able to set up and enforce a safety plan on a job site, be able to interpret site plans, establish horizontal and vertical control on a site, and perform layout for buildings and utilities; be able to administer

situations on a project site, including evaluation of subcontractor pay requests, writing of purchase orders, and recording change orders, subcontracts, shop drawings, and daily reports; perform in an acceptable manner in cooperative work assignments.



The Association of  
Technology,  
Management, and  
Applied Engineering

### APPLIED ENGINEERING MANAGEMENT

Graduates of the Applied Engineering Management Program are prepared for professional careers in technology related businesses. These businesses offer many opportunities to pursue exciting, challenging and rewarding careers that require technical knowledge and managerial skills. Applied Engineering Management prepares individuals for entry-level positions that include: manufacturing engineer, production engineer, industrial supervisor, industrial engineer, industrial technician, and quality engineer.

Graduates of Applied Engineering Management will be able to relate terminology, techniques and methodology to applied technical managerial concepts; demonstrate the ability to formulate and apply technical problem solving and managerial concepts; be able to apply the concepts of mathematics and the physical sciences to solve technical problems. The BS degree program in Applied Engineering Management is accredited by the Association of Technology, Management, and Applied Engineering.

### GRAPHIC COMMUNICATIONS MANAGEMENT

Graduates of the Graphic Communications Management program are prepared for a balance of technical skills and managerial competence to obtain successful careers in the printing and publishing industries. This four-year degree program provides up-to-date instruction for a high tech future in the third largest of manufacturing industries.

Graduates of the Graphic Communications Management program will demonstrate advanced competencies in printing and publishing processes and procedures. They will demonstrate technical competence during a cooperative education experience; demonstrate an understanding of printing processes and methods; and demonstrate expertise in electronic and Web publishing.

### CAREER AND TECHNICAL EDUCATION

#### Engineering/Technology Education Option

Graduates of the Engineering/Technology Education option of the B.S. degree program in Career and Technical Education are prepared for teaching careers at the middle school and high school levels. An Engineering/Technology Education teacher is prepared to enjoy a career that is rewarding in many ways. The opportunity to plan and guide the learning experiences of students in the use of robots, computers and other "high tech" equipment in problem solving and production activities are rewards found in few other professions.

Graduates of the Engineering/Technology Education Option of the Career and Technical Education program will complete a student teaching experience in a professional setting; will be able to prepare a portfolio that includes instructional material development, samples of assessment and a professional

growth plan; and will be able to demonstrate technical competence in the areas of 1) basic engineering/technology, 2) civil engineering/technology, 3) electrical engineering/technology, and 4) mechanical/industrial engineering technology.

#### Industrial Education Option

Graduates of the Industrial Education option of the B.S. degree program in Career and Technical Education are prepared for teaching careers in secondary schools and post-secondary technical colleges in technical areas such as: computer electronics, computer aided drafting (CAD), graphic arts and other technical occupational areas. An option is also offered in Occupational Training Development for those interested in training for business and industry.

Graduates of the Industrial Education Option of the Career and Technical Education program will be able to plan and implement instruction for technical education courses; be able to develop and analyze assessment instruments for technical education courses; be able to develop and apply appropriate teaching strategies for technical education courses; be able to complete a Practicum in Career and Technical Teaching in a professional setting; and will be able to demonstrate occupational/technical competence by obtaining discipline-specific expertise.

#### Occupational Training and Development Option

Graduates of the Occupational Training and Development option of the B.S. degree program in Career and Technical Education are prepared to plan and implement instruction for technical courses in a business and industry setting; are able to develop and analyze assessment instruments for technical courses; are able to develop and apply appropriate teaching strategies for technical courses; and are able to complete a Practicum in Career and Technical Teaching.

The BS program in Career and Technical Education is accredited by the National Council for Accreditation of Teacher Education.

### ASSOCIATE OF APPLIED SCIENCE

The Department of Applied Engineering and Technology also offers Associate of Applied Science degree programs (two-year programs) in Technology and Career and Technical Education. The Associate of Applied Science degree in Technology offers the student a choice of technical concentration in four options: Computer Aided Drafting, Computer Electronics, Digital Imaging Design, and Quality Assurance. The AAS degree program in Technology is accredited by the Association of Technology, Management, and Applied Engineering.



The Association of  
Technology,  
Management, and  
Applied Engineering

### ASSOCIATE OF APPLIED SCIENCE - TECHNOLOGY

#### Computer Aided Drafting

Graduates of the Computer Aided Drafting (CAD) program option are prepared for careers as drafters or designers who use computer aided drafting and design systems to generate

drawings. Graduates obtain jobs in technology based businesses.

Graduates of the CAD option of the AAS in Technology program will be able to apply 2D software applications to communicate and solve design problems; apply 3D software applications to communicate and solve design problems; and will be able to convert orthographic and pictorial sketch information into detailed 2D/3D Computer Aided Drafting drawings that meet or exceed current industry standards.

**Computer Electronics**

Graduates of the Computer Electronics (CE) program option are prepared for rewarding careers as computer electronic technicians in the public and private sector. Computer Electronics program graduates are qualified to obtain jobs in a wide variety of information technology, manufacturing and service industries. These jobs require skilled technicians for installing, troubleshooting and maintaining microprocessor-based systems, programmable logic controllers, computer hardware and software.

Graduates of the CE option of the AAS in Technology program will demonstrate fundamental knowledge in electricity/electronics at the technician’s level; demonstrate proficiency in basic computing skills; demonstrate proficiency in basic networking skills relevant to LAN/WAN environments; and demonstrate effective communication skills while conveying information to technical and non-technical audiences.

**Digital Imaging Design**

Graduates of the Digital Imaging Design (DID) program option are prepared with skills to create well designed images and documents for the printing and publishing industries and for the World Wide Web.

Graduates of the DID option of the AAS in Technology program will demonstrate competency in digital imaging design processes and procedures; be able to create documents for publication using software common to the industry; be able to create documents for the world-wide-web using software common to the industry; and will demonstrate competence in the common printing process.

**Quality Assurance**

Graduates of the Quality Assurance (QA) program option are prepared for careers in technology based businesses as quality assurance technicians. Their task is to control the process so that a quality product is produced.

Graduates of the QA option of the AAS in Technology will demonstrate proficiency in the fundamentals of practical statistical methods as applied to quality concepts and techniques; apply principles and make calculations in the areas of sampling and reliability; and will be able to anticipate, recognize, and evaluate the impacts of quality assurance efforts.

**ASSOCIATE OF APPLIED SCIENCE - CAREER AND TECHNICAL EDUCATION**

The Career and Technical Education associate of applied science degree program is designed for in-service technical teachers employed in area technical centers and post-secondary technical schools. Graduates of the Career and Technical Education AAS degree program will be able to plan and implement instruction for technical education courses; develop and analyze assessment instruments for technical education courses; develop and apply appropriate teaching strategies for technical education courses; and complete a Practicum in Career and Technical Teaching.

**MINORS**

The department also offers minors in Aviation Administration, Aviation (Flight), Digital Imaging Design, Computer Electronics Technology, Construction Management, Industrial Technology and Quality Assurance.

**ENDORSEMENT/CERTIFICATE**

An endorsement in Industrial Computer Technology and a Career and Technical Education Certificate program for in-service technical teachers are also offered by the Department of Applied Engineering and Technology.

**Baccalaureate Degrees**

**APPLIED ENGINEERING MANAGEMENT (B.S.)**

**AREA MAJOR**

(FORMERLY INDUSTRIAL TECHNOLOGY)

CIP Code: 15.0612

Prior to enrolling in the last 60 hours of the Applied Engineering Management degree program students must complete AEM 201, 202, TEC 161, 190, MAT 108, PHY 131, CHE 101, 107 (1) or CHE 111, 111L (1); and STA 215 or 270 or QMB 200 and have an overall 2.0 GPA and 2.25 major GPA. Graduates must have an overall GPA of 2.25 in the major with no major grade below a “C”. Transfer students will be treated on an individual basis. The Applied Engineering Management program is accredited by the Association of Technology, Management, and Applied Engineering.

**University Requirement .....1 hour**  
BTO 100.

**General Education Requirements .....30 hours**  
Standard General Education program, excluding blocks II, IVB, VB, VII (3 hours), and VIII (6 hours). Refer to Section Four of this Catalog for details on the General Education and University requirements.

**College Requirement: Professional Skills Seminar**  
BTS 300 (CR) and BTS 400 (CR).

**Supporting Course Requirements.....25 hours**  
ECO 230, CON 420 or ECO 300; MAT 108, 211 or 261 (or six hours of higher level MAT courses); PHY 131 (5); CHE 101, CHE 107 (1) or CHE 111, CHE 115 (1); STA 215 or 270 or QMB 200 (credits included in GenEd VII); AEM 349(1).

**Major Requirements.....46 hours**  
Applied Engineering Management Core:  
EET 251, AEM 201, 202, 301, 308, 310, 332, 338(4) 352, 371, 406, 408, 499; TEC 161, 190.

**Applied Engineering Management electives.....15 hours**  
Select 3 technical hours from:  
EET 252, AEM 192, 195; GCM 211.  
Select 12 hours of Upper Division technical electives from:  
EET 350, 351, NET 440, 452; CON 303; AEM 320, 336, 383, 390, 392, 397, 506, 530; TEC 313.

**Free Electives.....3 hours**

**Total Curriculum Requirements .....120 hours**

The Department of Applied Engineering and Technology’s Applied Engineering Management degree program has an articulation agreement for transfer of credit and cooperation with Bluegrass Community and Technical College (formerly Lexington

Business and Technology

Community College) Associate in Applied Science Degree in Engineering Technology with Electrical Specialization. In addition, the Department of Applied Engineering and Technology's Applied Engineering Management degree program has an articulation agreement for transfer of credit and cooperation with Bluegrass Community and Technical College (formerly Central Kentucky Technical College) and Somerset Community and Technical College's Associate of Applied Science in General Occupational/Technical Studies including the areas of Machine Tool Technology, Industrial Maintenance, Industrial Electronics and Computer Aided Drafting.

Students must take an assessment examination before graduation. An exam fee is required.

+Transfer students with an associate degree in a technical related field may not need to take these 12 hours of electives if upper division requirement can be completed.

**AVIATION (B.S.) AREA MAJOR**  
CIP Code: 49.0102

**University Requirement .....1 hour**  
BTO 100.

**General Education Requirements.....30 hours**  
Standard General Education program, excluding blocks II, IVB, VB, VII(NS)(QS). Refer to Section Four of this *Catalog* for details on the General Education and University requirements.

**College Requirement: Professional Skills Seminar**  
BTS 300 (CR) and BTS 400 (CR).

**Supporting Course Requirements.....31 hours**  
TEC 161; ECO 230; GEO 315; MAT 211 or 261; MGT 300 or 301; PHY 131 (5), 132 (5); PSY 200 or 200W; and STA 215.

**Free Electives.....4 hours**

**Major Requirements.....54 hours**

**Aviation Core .....27 hours**  
AVN 150, 315, 325, 340, 350, 401, 402, 410, 460.  
Majors must also select an option in professional flight or aerospace management

**Options:**

**Professional Flight.....27 hours**  
AVN 192 (5), 194A (1), 205A (1), 206A (1), 220 (4), 220A (1), 229A (1), 230A (1), 300 (2), 300A (1), 310(4), 400 (1), 400A (1), 425.

**Aerospace Management.....27 hours**  
ACC 201; AVN 360, 370, 390, ECO 231 and twelve hours\*^ from the following prefixes:  
ACC, AFS, AVN 192, 194A, 205A, 206A, 220, 220A, CIS, ECO, FIN, GBU, INS, MGT, MKT, MSL, PUB.

\*Selection of lower division courses may result in a failure to meet university requirement of 42 hours of upper division credits. ^May require prerequisites.

**Total Curriculum Requirements.....120 hours**

*Students must take an Aviation exit examination before graduation.*

**CAREER AND TECHNICAL EDUCATION  
(TEACHING) (B.S.) AREA MAJOR**  
CIP Code: 13.1320

**University Requirement .....1 hour**  
BTO 100.

**General Education Requirements .....48 hours**  
Standard General Education program (MAT 107 or higher). Refer to Section Four of this *Catalog* for details on the General Education and University Requirements.

**College Requirements.....Professional Skills Seminar**

BTS 300 (CR) and BTS 400(CR). (Pre-Service Only)

**Major Requirements.....76-79 hours**

**Professional Education Core.....31-34 hours**  
EDF 103\* (1), CTE 261, 361, 363, 463 (12) or ESE 499 (12) and ESE 490, EDF 319, ESE 552, SED 401 or 401S.

**Program Options:**

**Agriculture Education .....45 hours**

Animal Science AGR 125, 126 and one class from AGR 321, 327, 328 or 380; Agricultural Systems Management AGR 213 and one class from AGR 272, 311, 362 or 383; Soil Science AGR 215 and one class from AGR 315, 317, or 318; Plant Science AGR 130, 131 or OHO 131, 132 and one class from AGR 312, 417 and OHO 384 or 385; Agriculture Business AGR 308 and one class from AGR 310, 350, 409 or 440. AGR 304, 305 plus 45 Agriculture or Horticulture electives to make 45 credit hours selected in consultation with your advisor.

**Industrial Education\*\* .....45 hours**

Forty-five semester hours of technical courses to be chosen in consultation with the advisor. A maximum of eighteen semester hours may be allowed by proficiency examination (CTE 204, 205, 206, 304, 305, and 306; TEC 349\* (9 hours)).

**Occupational Training and Development**

**.....45 hours**

Forty-five semester hours of related occupational courses chosen in consultation with advisor.

**Engineering/Technology Education+ .....45 hours**

CON 121, 201, 250; EET 252, 302, 303<sup>++</sup>; AEM 195, 371, 383; TEC 161, 190, 303, 404; select 6 hours from AVN 150, GCM 211, TEC 102, 141, 3 hours approved technical electives.

**Free Electives.....0-3 hours**

**Total Curriculum Requirements.....128 hours**

\* In-service teachers and occupational trainers should substitute CTE 463 (4), CTE 164, CTE 364, SED 104, and TEC 161 for CTE 463 (12), EDF 103 (1), SED 401 or 401S, and ESE 552. Nine hours of which can be selected from CTE 302 and 303 should be substituted for TEC 349 (9 hours).

\*\*Graduates completing this program option must have a minimum of 2000 clock hours of planned and supervised work experience in the occupation in which they will teach or a minimum of three years of approved work experience in the occupation in which they will teach. Students must also take the PRAXIS II Specialty Examination before graduation.

Candidates earning a degree that leads to teacher certification



must take the PRAXIS Series (Professional Assessments for Beginning Teachers) and PLT (Principles of Learning and Teaching) exams as a requirement for graduation. Candidates are encouraged to review the schedule for PRAXIS and PLT registration deadlines prior to beginning the senior year (<http://www.kyepsb.net/assessment/index.asp> AND [www.ets.org/praxis](http://www.ets.org/praxis)). Specialty exams are required for each certification area sought and it may take more than one test date to complete all requirements. Candidates should confer with their education advisor/counselor to determine the most optimal time to take required exams.

+Those desiring Pre-Engineering eligibility should take the following general education courses: CHE 111, MAT 107, 108, PHY 131.

++Complete an Endorsement for teaching Instructional Computer Technology by completing EET 403, TEC 255, and completing a major computer certification such as A+, Network+, MSCE.

Career and Technical Education options require all pre-service students to meet the general education knowledge for initial teacher preparation requirements (see College of Education section of this *Catalog*).

The BS degree program in Career and Technical Education is accredited by the National Council for Accreditation of Teacher Education.

**CONSTRUCTION MANAGEMENT (B.S.)**

*CIP Code: 52.2001*

- University Requirement .....1 hour**  
BTO 100.
- General Education Requirements .....30 hours**  
Standard General Education program, excluding blocks II, IVB, VB, VII (QS), and VIII (6 hours). Refer to Section Four of this *Catalog* for details on the General Education and University requirements.
- College Requirement: Professional Skills Seminar**  
BTS 300 (CR) and BTS 400 (CR).
- Supporting Course Requirements .....39-40 hours**  
ACC 201, CCT 201, ECO 230, GBU 204, GLY 108, TEC 161; MAT 108 and MAT 261, or six hours of higher level MAT courses; MGT 301 or AEM 408, PHY 131 (5), 132 (5) or CHE 101, 107 (1); and three\* hours of \*\*ACC, CCT, CIS, ECO, FIN, GBU, INS, MGT, MKT, QMB, or RST electives as approved by major advisor.
- Free Electives .....0 -1 hours**
- Major Requirements .....57 hours**  
CON 121, 201, 202, 221, 294, 303, 307, 320, 322, 323, 324, 349 (6), 420, 421, 423, 425, 426; FSE 379.
- Total Curriculum Requirements .....128 hours**  
\*Business electives may be upper or lower division as necessary in order to complete upper division requirement.

The Department of Applied Engineering and Technology’s Construction Management program has articulation agreements for transfer of credit and cooperation with Bluegrass Community and Technical College’s (formerly Lexington Community College) Associate in Applied Science Degree in Architectural Technology and the Associate in Applied Science Degree in Civil Engineering Technology.

Students must take a construction assessment examination before graduation. An exam fee is required.

+Two separate summer enrollments are recommended in order to achieve a total of 6 credit hours.

\*\*Students wishing to pursue the Minor in Business must confer with their major advisor to make substitutions to the supporting course requirements. INS, QMB and RST courses do not apply to the Minor in Business.

The Construction Management program is accredited by the American Council for Construction Education.

**GRAPHIC COMMUNICATIONS MANAGEMENT (B.S.)**

*CIP Code: 10.0302*

- University Requirement .....1 hour**  
BTO 100.
- General Education Requirements .....33 hours**  
Standard General Education program, excluding blocks II, IVB, VB, and VIII (6 hours). Refer to Section Four of this *Catalog* for details on the General Education and University requirements.
- College Requirement: Professional Skills Seminar**  
BTS 300 (CR) and BTS 400 (CR).
- Supporting Course Requirements .....31 hours**  
ACC 201; CHE 101, 107 (1); ECO 230; GBU 204; MAT 107; MGT 301, 330, MKT 301; PHY 101 and STA 215.
- Free Electives .....10 hours**  
At least 3 hours must be upper division credit.
- Major Requirements .....45 hours**  
EET 303, GCM 211, 217, 316, 317, 319, 349 (3 hours), 410, 414; AEM 202, 408; TEC 161, 255, 313, and 355.
- Total Curriculum Requirements .....120 hours**

Students must take a Graphic Communications Management assessment examination before graduation.

**NETWORK SECURITY AND ELECTRONICS (B.S.)**

*CIP Code: 15.1299*

- University Requirement .....1 hour**  
BTO 100.
- General Education Requirements .....30 hours**  
Standard General Education program, excluding blocks II, IVB, VB, VII (NS), and VIII (6 hours). Refer to Section Four of this *Catalog* for details on the General Education and University requirements.
- College Requirement: Professional Skills Seminar**  
BTS 300 (CR) and BTS 400 (CR).
- Supporting Courses .....43-44 hours**  
CSC 160 and 3 hours of higher CSC courses; ECO 230, MAT 108 and (124(4) or 211 or 261), AEM 202, 310, 406, 408; (PHY 101) and (CHE 101, CHE 107(1) or higher) in general education block IVB; STA 215 or 270; TEC 161; and 3 upper division hours of ACC\*, AEM\* CCT\*, CIS\*, FIN\*, GBU\*, INS\*, MGT\*, MKT\*, or QMB\* electives as approved by major advisor.
- Free Electives .....5-6 hours**  
(A minimum of 2 semester hours must be Upper Division

courses including Cooperative Education.)

**Major Requirements.....40 hours**  
 EET 251, 252, 253, 257, NET 302, 303, 343, 354, 403, 440, 454, 499; Select 4 hours from NET 349, 395, EET 351, 452.

**Total Curriculum Requirements.....120 hours**

The Department of Applied Engineering and Technology’s Network Security and Electronics degree program has an articulation agreement for transfer of credit and cooperation with Bluegrass Community and Technical College’s (formerly Lexington Community College) Associate in Applied Science Degree in Engineering Technology with Electrical Specialization.

\*Prerequisite may be required for some course selections.

Students must take at least one computer systems, networking, security, electronics, or telecommunications technology certification or license approved by the advisor.

Students must take a Network Security and Electronics exit examination before graduation. Graduates must have an overall GPA of 2.25 in major requirements.

The Network Security and Electronics program is accredited by the Association of Technology, Management, and Applied Engineering (ATMAE).

**Associate Degrees**

**CAREER AND TECHNICAL EDUCATION  
 (TEACHING) (A.A.S.)**

*CIP Code: 13.1319*

Enrollment in this program is restricted to in-service technical teachers and graduates of a Kentucky Vocational/ Technical School post-secondary program.

**University Requirement .....1 hour**  
 BTO 100.

**General Education Requirements .....20 hours**  
 Six hours of English composition, three hours of mathematics (MAT 107 or higher-level mathematics), three hours of general education humanities, three hours of general education social science, and five hours of general education electives. Refer to Section Four of this *Catalog* for details on General Education and University requirements.

**Supporting Course Requirements.....21 hours**  
 CTE 261, 361, 364, 463\*\*(12).

**Major Requirements.....24 hours**  
 TEC 161 and 21 hours chosen from the technical area, or related to the area, in which the individual proposes to teach, as approved by the advisor. Graduates of this program must have a minimum of 4,000 hours of supervised work experience or four years of occupational experience in the area to be taught. Nine hours maximum may be allowed by proficiency examination (CTE 204, 205, and 206). Nine hours may be supervised work experience (TEC 349).

**Total Curriculum Requirements.....66 hours**

\*\*In-service teachers should substitute CTE 164, 363, 463 (4), and EDF 319 or SED 104 for CTE 463 (12).

Students must take a professional vocational technical education assessment examination and the Teacher Occupational Competency Test (TOCT) before graduation.

Candidates earning a degree that leads to teacher certification must take the PRAXIS Series (Professional Assessments for Beginning Teachers) and PLT (Principles of Learning and Teaching) exams as a requirement for graduation. Candidates are encouraged to review the schedule for PRAXIS and PLT registration deadlines prior to beginning the senior year (<http://www.kyepsb.net/assessment/index.asp> AND [www.ets.org/praxis](http://www.ets.org/praxis)). Specialty exams are required for each certification area sought and it may take more than one test date to complete all requirements. Candidates should confer with their education advisor/counselor to determine the most optimal time to take required exams.

The AAS degree program in Career and Technical Education is accredited by the National Council for Accreditation of Teacher Education.

**TECHNOLOGY (A.A.S.)**

*CIP Code: 15.0612*

**University Requirement .....1 hour**  
 BTO 100.

**General Education Requirements .....18 hours**  
 ENG 101 and 102 or 105 (6 hours); MAT 107 or higher (3 hours); humanities (3 hours); ECO 230 (3 hours); CMS 100 or 210 (3 hours).

**Option Requirements.....37-41 hours**

**Computer Aided Drafting (41 hours)**  
 CON 303; AEM 192, 195, 201, 330, 383, 390, 392, 397; MAT 108; PHY 131 (5); TEC 161, 190.

**Computer Electronics (39 hours)**  
 CSC 160 or higher; EET 251, 252, 253, 257, NET 302, 303, 343, (EET 351 or NET 354), 399; MAT 108; (PHY 101) in general education block IVB; TEC 161.

**Digital Imaging Design (40 hours)**  
 CHE 101, 107 (1); CSC 160; NET 303; GCM 211, 217, 316, 317, 319; TEC 161, 190, 255, 313, 355.

**Quality Assurance (37-38 hours)**  
 CHE 101, CHE 107 (1) or CHE 111, CHE 115 (1); EET 251; AEM 201, 202, 301, 332, 336, 338(4); MAT 108; QMB 200 or STA 215 or 270; TEC 161, 190.

**Free Electives.....1-8 hours**  
**Total Curriculum Requirements .....64 hours**

Students must take an assessment examination before graduation.

The AAS degree program in Technology is accredited by the Association of Technology, Management, and Applied Engineering.

**Minors****MINOR IN AVIATION (FLIGHT)****Aviation Program****Requirements.....23 hours**

A student may minor in aviation (flight) by completing a minimum of 23 semester hours as follows: AVN 150, 192, 194A, 205A, 206A, 220, 220A, 300; 315; GEO 215. No more than 12 hours of core courses taken for the aviation (administration option) major may be counted toward the minor in aviation (flight).

**MINOR IN AVIATION ADMINISTRATION****Aviation Program****Requirements.....21 hours**

A student may minor in aviation administration by completing a minimum of 21 semester hours as follows: AVN 150, 315, 340, 350, 410, 460, and three hours of approved electives. No more than 12 (flight) hours of core courses taken for the aviation major may be counted toward the minor in aviation administration.

**MINOR IN DIGITAL IMAGING DESIGN****Required Courses.....12 hours**

GCM 211, 217, 317, and TEC 313.

**Supporting Courses .....6 hours**

Select six semester hours from GCM 316, 319, TEC 255 and 355.

**Total Requirements .....18 hours****MINOR IN COMPUTER ELECTRONICS TECHNOLOGY****Requirements.....18 hours**

EET 251, 252, 253, NET 302, 303, and (EET 351 or NET 354). No more than nine hours of courses taken for a major may be counted toward this minor.

**MINOR IN CONSTRUCTION MANAGEMENT****Requirements.....21 hours**

CON 121, 201, 202, 294, 323, 324, and 421. No more than nine hours of courses taken for a major may be counted toward this minor.

**MINOR IN INDUSTRIAL TECHNOLOGY****Requirements.....21 hours**

TEC 190, AEM 201, 202<sup>+</sup>, 238\*, 308, and six hours of AEM upper division electives. No more than nine hours of courses taken for a major may be counted toward this minor.

+STA 215 or 270 (Gen. Ed. VII) or QMB 200 and MAT 107 or higher are prerequisites for AEM 202.

\*CHE 101, 107 (1) or CHE 111, 111L (1) Gen. Ed. Block IVB is a prerequisite for AEM 238.

**MINOR IN QUALITY ASSURANCE TECHNOLOGY****Requirements.....18 hours**

STA 215 or 270, AEM 202, 332, 336, 506, and 530. No more than nine hours of courses taken for a major may be counted toward this minor.

**Endorsements****INSTRUCTIONAL COMPUTER TECHNOLOGY**

The requirements for an Instructional Computer Technology Endorsement for Career and Technical Education are: EET 252, 302, 303, 403, and TEC 255. Must have completed a major computer certification such as A+, Network +, MSCE, CCNA, CCNP and requirements for the B.S. Degree in Career and Technical Education.

**CAREER AND TECHNICAL EDUCATION PROFESSIONAL CERTIFICATION\***

Enrollment in this program is restricted to those who are currently employed as technical teachers and required to become certified as teachers of Vocational/Technical Education: Industrial Education.

**General Education Requirements .....20 hours**

ENG 101, 102; MAT 107, three hours of General Education humanities, three hours of General Education social science and five hours of General Education electives.

**Professional Education Requirements .....22 hours**

CTE 164, 261, 361, 363, 364, 463 (4 hrs.); EDF 319 or SED 104.

**Major Requirements.....24 hours**

TEC 161 and 21 hours chosen from the technical area, or related to the area, in which the individual is teaching, as approved by the advisor. Eighteen hours may be allowed by proficiency examination (CTE 204, 205, 206, 304, 305, and 306). Nine hours by proficiency examination may be applied to the Associate Degree and 18 hours to the Bachelors Degree in Career and Technical Education.

**Total Curriculum Requirements .....66 hours**

\*Based on recommendation from ECU, Certificate is awarded by the Education Professional Standards Board.

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# College of Education

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**Dr. William Phillips, Dean**  
**Bill.phillips@eku.edu**  
**(859) 622-1175**  
**Combs 420**

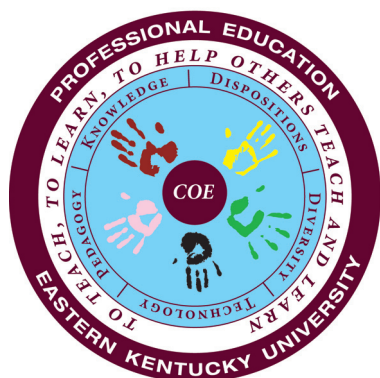
**Dr. Kim Naugle, Associate Dean**  
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**Combs 420**

**Dr. Sherwood Thompson, Assistant Dean**  
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**Combs 423**

**[www.coe.eku.edu](http://www.coe.eku.edu)**

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*To teach, to learn, to help others teach and learn.*



Since its founding in 1906, Eastern Kentucky University has maintained a strong interest in and commitment to the preparation of teachers.

*The Professional Education Programs at Eastern Kentucky University are dedicated to preparing the highest quality educators and related professionals for Kentucky and beyond. Our graduates integrate content, effective pedagogical skills, and dispositions that foster life-long growth and learning. Being true to our heritage as a school of opportunity, Eastern Kentucky University provides a climate that supports, challenges, and enriches students aspiring to careers in a diverse society.*

Professional Education at Eastern Kentucky University is a university-wide function. The programs of elementary education (P-5), middle grade education (5-9), special education, interpreter training, deaf and hard of hearing, interdisciplinary early childhood education and communication disorders are located in the College of Education. Students in these programs are advised in the College of Education. Secondary teaching programs are located in their respective colleges with students receiving academic advisement from the college of their major and educational counseling in the College of Education.

Model Laboratory School is operated as a department in the College of Education to: (1) provide quality and innovative education for its students, P-12; (2) provide pre-service education for prospective teachers in the College; (3) serve as an experimental testing ground for curriculum development and dissemination; (4) provide a setting for research; and (5) provide in-service education for area school systems.

## POLICIES AND PROCEDURES

### Professional Education Majors

To be recommended for certification, all students must meet the requirements for admission to professional education, complete a College of Education approved teaching curriculum, and pass the required PRAXIS tests, PLT exam, or Kentucky test as determined by the major/minor.

### General Education Knowledge for Initial Teacher Preparation

All teacher education candidates will possess theoretical and practical understanding generally expected of a person receiving experiences in the liberal arts and sciences. General education for initial teacher preparation includes developing knowledge related to the arts, communications, history, literature, mathematics, philosophy, sciences, and the social studies, from multicultural and global perspectives.

Teacher education candidates are advised to consult with their advisor (and educational counselor as assigned) early in their program for proper course selection in meeting general education knowledge requirements for initial teacher certification and general education requirements as defined by the University. The *General Education Knowledge for Initial Teacher Preparation* requirements are shown on the Degree Works report in a separate block. Each category must reflect a plus sign to indicate completion of the requirement. General education waivers, core certified statements, or general education certified statements do not apply to this section. All requirements in this area must be met prior to graduation.

### Credits

To be applied to degree programs, credits more than eight years old must be validated by the Dean.

### Credit for Transfer Work

Allowance of transfer credit by the University Office of Admissions and/or the Office of Academic Advising does not necessarily mean that all such credit will be applied toward admission to professional education or a degree from the College of Education. Therefore, students should read and follow closely the transfer credits/courses section in Part Three of this *Catalog*.

### Credit for Transient Work

Undergraduate students or students pursuing initial certification in programs housed in the College of Education who

wish to take course work at another higher education institution must have prior written approval from their advisor, their department chair, and the Dean of the College if they wish to apply that credit to their degree program. Students must be in good academic standing at EKU with an overall GPA of 3.0 or higher to be considered for approval to take a course at another institution. Transient forms are initiated with the Tracking Specialist, Office of Teacher Admission and Certification (coeadvising@eku.edu).

### Overload

In the College of Education, overloads are discouraged and must be approved by the dean. Requests for overloads must contain the student's overall GPA and the number of hours being attempted, including those to be taken at other higher education institutions or through correspondence. A student must have an overall GPA of 3.0 or higher to be considered for approval to take an overload. Send requests to coeadvising@eku.edu.

### Planned Curriculum

Planned curricula in the College of Education are prepared by the Tracking Specialist, Office of Teacher Education Services (Bert Combs 423). Students in teaching programs must make application for a planned curriculum upon notification of admission to the Professional Education program. Students in non-teaching programs (special education and communication disorders) must apply for a planned curriculum upon completion of the 60th hour for B.S. degrees. Changes in the planned curriculum, initiated on the "Planned Curriculum Exception" form, must include a recommendation for change by the advisor and be approved by the department chair and the Dean of the College. Changes approved verbally by phone or otherwise will not be honored unless the planned curriculum is officially altered to reflect such approval. It is the student's responsibility to register for the proper courses so that all requirements are satisfied at the time of expected graduation. Completion of all course work on the student's planned curriculum is required for graduation.

### Application for Graduation

Students must file an application for graduation in the Office of Teacher Education Services (Bert Combs 423). May and August graduates must file an application during the preceding October; December graduates must file an application during the preceding April.

### Student Teaching

Since student teaching is especially demanding, students are not allowed to take any other courses (including correspondence and transient courses) while student teaching. Credit for unfinished correspondence course(s) will not be allowed during the student teaching semester.

### Retroactive Permission

Students should not ask for retroactive permission.

### Admission to the College of Education

- Upon admission to the College of Education, students are assigned an advisor. Students must enroll in Academic Orientation, EDO 100, during the first semester. Students are advised to enroll in EDF 103, Introduction to Education, during their freshman year and in EDF 203, Schooling and Society, during their sophomore year. However, students should not enroll in EDF 103 until all developmental requirements have been met. EDF 310 will be required for students who have an equivalent transfer course for EDF 203.

- Secondary education majors will follow the prescribed curriculum and requirements of another academic college and the policies for professional education stated elsewhere in this *Catalog*. The College of Education cooperates closely with the other colleges in matters pertaining to admission to professional education and student teaching.

## OFFICE OF EDUCATIONAL RESEARCH, ASSESSMENT AND TECHNOLOGY

**Director**  
**Dr. Paul Erickson**  
 (859) 622-2172  
 Bert Combs, Room 430

### *Effective Teachers Are Effective People.*

Preparation of professional school and community personnel is a dynamic and complex activity, and one that requires the College of Education to plan and evaluate on a continuing basis. The Office of Educational Research, Assessment and Technology collects and analyzes data on applicant qualifications, candidate and graduate performance, and unit operations to evaluate and improve professional education programs at EKU. The unit, with involvement of the internal and external community implements an assessment system that reflects the conceptual framework, program goals, and incorporates candidate proficiencies outlined in national and state standards.

The unit has a responsibility to ensure that professional education programs at EKU are of the highest quality. Meeting this responsibility requires using information technologies in the systematic gathering and evaluation of information and making use of that information to strengthen the professional education programs at EKU. At Eastern Kentucky University, effective teachers are effective people.

### *To teach, to learn, to help others teach and learn.*

The Office of Educational Research, Assessment and Technology has responsibility for the management, development, and integration of instructional technology, distance learning initiatives, and the College of Education Internet/Intranet/Web connections and presence. The Office provides leadership in the ongoing process of integrating, developing, and managing the College Knowledge Initiative; oversees the integration, development, and implementation of short- and long-range strategic plans for information technology in the College; prepares user hardware/software documentation and provides user training on computer hardware/software; and administers the computer literacy exam for the College of Education.

## OFFICE OF FIELD SERVICES AND PROFESSIONAL DEVELOPMENT

**Director**  
**Dr. William Thames**  
 (859) 622-2581  
**Bert Combs, Room 417**

*To teach, to learn, to help others teach and learn.*

The Office of Field Services and Professional Development is the service arm of the College and serves as the principal liaison between the College and the school districts in the EKU service region. This office maintains close contact with the central offices of the area school districts and responds to requests for assistance. The office extends the services and expertise of the College and the University to the schools. The SouthEast/SouthCentral Educational Cooperative, with a membership of 24 school districts, is housed in the FSPD office. The Cooperative provides professional development services to teachers, principals, central office personnel, and school staff. It also conducts regular meetings for school superintendents, principals and central office personnel on job specific topics, and offers bidding and purchasing on a wide range of items. The Kentucky Teacher Intern Program is also coordinated through this office. The office conducts all training for intern committee members and assigns teacher educators to over 400 committees each year. The office maintains close relationships with the Kentucky Department of Education, the Region Six Service Center of the Department of Education, and other educational agencies. In the Office of Field Services and Professional Development our middle name is service.

## OFFICE OF TEACHER EDUCATION SERVICES

Advising, Teacher Admission, Field Placement, and Certification

**Dr. Norman Powell, Director**  
**Rose Skepple, Assistant Director**

*To teach, to learn, to help others teach and learn.*

**ADVISING - coeadvising@eku.edu**  
**Bert Combs 423**  
**(859) 622-1828**

The Office of Teacher Education Services offers academic advisement and information designed to help undergraduate candidates to begin or continue their studies in the College of Education. The certification officer will make referrals and serve as a liaison to graduate coordinators for candidates obtaining additional certifications and/or ranks.

**TEACHER ADMISSION - teacher.admissions@eku.edu**  
**Bert Combs 423**  
**(859) 622-1828**

The Office of Teacher Education Services is responsible for admitting candidates to professional education programs at EKU.

In addition, certification applications for teachers and school personnel (principals, supervisors, superintendents, counselors, pupil personnel directors, business administrators, librarians, and speech pathologists) are processed through the Office of Teacher Education Services.

To be recommended for certification, all candidates seeking initial teacher certification, regardless of the college in which they are enrolled, must meet the requirements for admission to professional education, complete an approved teaching curriculum, and pass the required PRAXIS tests, PLT exam, or Kentucky test as determined by the major/minor.

Candidates are advised to enroll in EDF 103, Introduction to Education, during their freshman year and in EDF 203, Schooling and Society, during their sophomore year. However, candidates should not enroll in EDF 103 until all developmental requirements have been met. EDF 310 will be required for candidates who have an equivalent transfer course for EDF 203.

### ADMISSION REQUIREMENTS and APPLICATION PROCESS

#### Admission to Professional Education

Admission to the University (academic college) is not synonymous with admission to professional education. Candidates will apply for admission to professional education in the College of Education's Office of Teacher Education Services (Combs 423). Formal applications will be accepted based upon completion of the following requirements:

#### A. Hours / Residence

- Candidates must complete 60 hours of credit (excluding developmental level courses).
- Transfer candidates must complete 12 hours of credit at EKU.

#### B. Admission Test Requirement

- Candidates must have a passing score on one of the following tests:

ACT (American College Test)\* Composite 21

or alternative ACT options: Composite 20 with an overall GPA of 3.0 or  
 Composite 19 with an overall GPA of 3.25

Individuals using an alternative ACT option must maintain or exceed the overall corresponding GPA requirement throughout the program. GPA compliance will be reviewed each semester.

PRAXIS I - (PPST) Reading 173; Math 173;  
 (Preprofessional Skills Test) Writing 172

SAT (Scholastic Aptitude Test) Composite 990

GRE (Graduate Record Exam) See program requirements

MAT (Miller Analogies Test) See program requirements

\*ACT scores must be Fall 1989 or after and be on file at the University Office of Admissions.

**C. GPA and Grade Requirements**

- Minimum overall 2.75 GPA on all undergraduate course work is required for admission and program exit. Candidates using an alternative ACT option must maintain or exceed the overall corresponding GPA requirement throughout their program.
- Minimum 2.75 GPA on college work at EKU is required for admission and program exit.
- Satisfactory grade in EDF 103, and a grade of “C” or higher in EDF 203 (requires completion of admission test requirement [section B] prior to enrollment).
- Satisfactory grade in EDF 310 for transfer candidates having completed EDF 203 at another institution.

Undergraduate degree candidate GPA is based on the hours attempted as shown on the official EKU transcript. Post degree certification candidate GPA is based on all undergraduate course work and on the hours attempted as shown on the official EKU transcript.

**D. Mathematics Requirement**

Candidates must complete a college level mathematics course of MAT 105 or above (exclusive of MAT 201 and 202) with a grade of “C” or higher.

**E. Computer Literacy**

- Candidates must complete CSC 104 or CIS 212 with a grade of “C” or higher.

**F. Oral and Written Communication**

- Oral communication: A grade of “C” or higher in CMS 100 or CMS 210.
- Written Communication: A grade of “C” or higher in ENG 101 and 102 or HON 102 with a grade of “B” or higher in ENG 105 (those earning a “C” must also take ENG 102).

**G. Examinations**

- Candidates must achieve satisfactory results on examinations taken in EDF 103/310 and 203 and on other examinations which may be required by the Professional Education Admissions Committee.
- Candidates must demonstrate proficiency in oral and written communication including evidence of satisfactory speech and hearing screening. Screening is provided by the Speech-Language-Hearing Clinic in Wallace 278.
- Candidates scoring below minimum requirements on the tests for oral and written communication shall be required to improve their competencies to an acceptable level before admission to professional education. This may include therapy, tutoring, and enrollment in credit or non-credit remediation courses.
- Any deaf/hard of hearing candidate unable to pass the speech and hearing screening who can benefit from remediation should receive it. Documentation concerning remediation and communication competency (oral or manual) must be provided to the Speech-Language-Hearing Clinic. The Clinic, in consultation with faculty of the Deaf and Hard of Hearing Program, will submit a recommendation for consideration for admission to the Office of Teacher Education Services. This

should include documentation of communication competence.

**H. Recommendations**

Candidates must submit satisfactory pre-service disposition reviews from four EKU faculty members including the EDF 203 or EDF 310 instructor, the advisor and two other EKU faculty members.

**I. Portfolio Review**

Candidates must satisfactorily complete a portfolio review during EDF 203 or EDF 310.

**J. Ethics Declaration**

- Candidates must complete and sign a Candidate Statement of Commitment Regarding Dispositions form.
- Candidates must complete and sign a “Personal and Professional Fitness Declaration” form. This process includes a review of the Professional Code of Ethics for Kentucky School Personnel established in 16 KAR1:020.

**NOTE:** Based on your disclosure, an interview by the Professional Education Admission Committee may be required.

**K. Student Behavior**

- Candidates must have no physical or psychological impairments that would preclude teaching success.
- Candidates preparing to work in schools as teachers or other professional school personnel must demonstrate dispositions necessary to help all students learn.
- Candidates must demonstrate acceptable social behavior at the University and in the community-at-large.\* A candidate interview may be required by the Professional Education Admissions Committee.
- Candidate admission status may be reevaluated if the candidate is placed on either academic or social probation or has a record of criminal conviction(s).\* A candidate interview may be required by the Professional Education Admissions Committee.

\*The Office of Teacher Education Services will contact the Eastern Kentucky University Office of Judicial Affairs to obtain records of infractions committed by candidates for admission to professional education. The Office of Teacher Education Services may also contact the Administrative Office of the Courts to obtain a criminal records check for each candidate for admissions to professional education.

The Office of Teacher Education Services will process the formal “Application for Admission to Professional Education.” The Professional Education Admissions Committee will review applications, supporting documentation, and other relevant materials brought before the committee and will take appropriate action concerning the student’s admission to the professional education program. The candidate will be notified of the committee’s decision.

**FIELD PLACEMENT**  
**Student Teaching and Field Experiences**  
[ekufieldplacement@eku.edu](mailto:ekufieldplacement@eku.edu)  
[ekustudentteaching@eku.edu](mailto:ekustudentteaching@eku.edu)  
**Bert Combs 425**  
**(859) 622-1828**

- The Office of Teacher Education Services receives and evaluates all applicants for student teaching, determines appropriate disposition of the application, and provides continuous assessment of the applicant's pre-teaching and teaching experiences during the professional semester.
- This Office recognizes that cultural diversity is a fact of American life and teachers function in a pluralistic cultural environment. Experience in multi-cultural settings provides valuable enrichment for the proper development of effective teachers. That philosophy will guide the candidate assignments.
- Candidates are not allowed to take any other courses (including correspondence and transient courses) while student teaching. Credit for unfinished correspondence courses will not be allowed during the student teaching semester.
- Candidates of senior standing (90 hours or more with a minimum of 12 semester hours residence at EKU) may enroll in student teaching if they have satisfied the following requirements:

**Application for Student Teaching**

1. Applicants must be admitted to the professional education program prior to the application semester.
2. Applicants must file an application during the first four weeks of the semester prior to the term in which student teaching is desired.
3. Applications filed will be evaluated and processed for approval or disapproval.

**Evaluation of application will include in part:**

1. The planned curriculum. Each applicant must have an approved planned curriculum on file with the Office of Teacher Education Services.
2. All prerequisites in professional education and pre-student teaching curricula in the applicant's area as prescribed by the *Catalog*, must be completed prior to student teaching.
3. Recommendation made by the applicant's advisor.
4. A valid medical examination report, including current tuberculosis test report. Candidates with any significant deviation from normal physical and psychological well-being will be referred to a proper examining physician.
5. The ethics declaration. Each applicant must complete and sign a new "Personal and Professional Fitness Declaration" form. Based on your disclosure, an interview by the Professional Education Admission Committee may be required.
6. Behavior that relates to the moral, ethical, social, and personal standards of professional competency. The applicant's comportment will be subject to review and appraisal by the department responsible for the student teaching recommendation and the College of Education. Applicants must process a criminal background check (KRS.161.042 or changes as adopted).
7. Academic Requirements: Undergraduate degree students' GPAs are based on the hours attempted as shown on the official EKU transcript. Post degree certification students'

GPAs are based on all undergraduate course work and on the hours attempted as shown on the official EKU transcript.

**Elementary Education (P-5) and Middle Grade Education (5-9) Majors**

- Minimum 2.75 GPA in all undergraduate course work.
- Minimum 2.75 GPA in college work at EKU.
- Minimum 2.75 GPA with a grade of "C" or higher in courses in the "core and supporting course requirements," area(s) of academic emphasis, "professional education requirements" (see program display for a list of courses), teaching minor(s), and certification endorsement(s).
- Candidates must satisfactorily complete a portfolio review during methods courses.
- Candidates must submit satisfactory pre-service disposition reviews from their advisor and a designated methods instructor as part of the application process.
- Candidates must submit satisfactory pre-service disposition reviews from one cooperating teacher and one university supervisor at the end of the student teaching experience.
- Other requirements as found in the appropriate department presentation.

**Special Education**

- Minimum 2.75 GPA in all undergraduate course work.
- Minimum 2.75 GPA in college work at EKU.
- Minimum 2.75 GPA with a grade of "C" or higher in courses in the "major, core, and option,"\*\* "elementary/middle grade and supporting course requirements," area of academic emphasis\*\*, professional education requirements (see program display for a list of courses), teaching minor(s), and certification endorsement(s).
- Candidates must satisfactorily complete a portfolio review during methods courses.
- Candidates must submit satisfactory pre-service disposition reviews from their advisor and a designated methods instructor as part of the application process.
- Candidates must submit satisfactory pre-service disposition reviews from one cooperating teacher and one university supervisor at the end of the student teaching experience.
- Other requirements as found in the appropriate department presentation.

\*combination of major, core, and/or option as identified in the program display

\*\*emphasis with middle grade education only

**Communication disorders majors should see their advisor for information related to admission to student teaching.**

**Secondary Education Majors**

- Minimum 2.75 GPA in all undergraduate course work.
- Minimum 2.75 GPA in college work at EKU.
- Minimum 2.75 GPA in teaching major(s)\*, minor(s), area(s) of academic emphasis, and certification endorsement(s). See program area for specific course grade requirements.
- Minimum 2.75 GPA with a grade of "C" or higher in courses in "professional education requirements" (see program display for a list of courses).
- Candidates must satisfactorily complete a portfolio review during methods courses.
- Candidates must submit satisfactory pre-service disposition



reviews from their advisor and a designated methods instructor as part of the application process.

- Candidates must submit satisfactory pre-service disposition reviews from one cooperating teacher and one university supervisor at the end of the student teaching experience.
- Other requirements as found in the appropriate department presentation.

\*A minimum of seventy-five percent of major and seventy-five percent of supporting course requirements must be completed prior to student teaching. Individual program areas may require a higher percentage of credit hours completion prior to student teaching.

**CERTIFICATION - [coecert@eku.edu](mailto:coecert@eku.edu)  
Bert Combs 425  
(859) 622-6852**

### APPLICATION FOR CERTIFICATION

#### Exams

Prior to graduation, candidates must complete required competency examinations and take the PRAXIS Series (Professional Assessments for Beginning Teachers) and PLT exams. All required parts of the PRAXIS test are to be taken during the senior year.

NOTE: Some majors/minors require testing over two semesters. Candidates must review the schedule for PRAXIS tests registration deadlines prior to the beginning of the senior year (last two semesters). Specialty test(s) are required for each certification area sought.

#### Certification

Applications for teacher certification should be filed in the Office of Teacher Education Services prior to graduation as follows: May graduates by April 1; August graduates by July 1; December graduates by November 1. Applications for certification are not processed until all requirements are met.

## DEPARTMENT OF EDUCATIONAL LEADERSHIP & POLICY STUDIES

**Chair  
Dr. James S. Rinehart  
(859) 622-8634  
Bert Combs, Room 405**

#### Faculty

**J. Austin, R. Biggin, R. Cleveland, P. Erickson, C. Hausman, J. Herlihy, J. Johnson, T. Shepperson, A. Thompson, S. Thompson, W. Wesley, G. Wright.**

#### *To teach, to learn, to help others teach and learn.*

The Department of Educational Leadership and Policy Studies offers degree and non-degree graduate programs. The department offers a doctoral degree (Ed.D.) in leadership and policy studies, a Master's Degree, and a Specialist Degree. Certification programs include the principalship, supervisor, superintendent, and pupil personnel services. Through completion of the degree or

certification programs, students may earn a change in their rank status.

## DEPARTMENT OF COUNSELING AND EDUCATIONAL PSYCHOLOGY

**Chair  
Dr. Connie Callahan  
(859) 622-1124  
Bert Combs, Room 406**

#### Faculty

**C. Callahan, A. Chapman, N. Gray, K. Naugle, L. Sexton, M. Stockburger, and S. Strong**

The Department of Counseling and Educational Psychology offers degree and non-degree graduate programs.

The Counseling and Educational Psychology unit offers graduate programs in school counseling and in mental health counseling as well as in human services. This unit also provides graduate instruction in the common core required of all Master's degree programs in education and related fields, such as human development and learning, tests and measurement, and research. More complete information concerning the counseling programs can be reviewed by accessing the counseling student handbook located on the ECU website at [www.cel.eku.edu](http://www.cel.eku.edu).

## DEPARTMENT OF AMERICAN SIGN LANGUAGE & INTERPRETER EDUCATION

**Chair  
Dr. Laurence Hayes  
(859) 622-4966  
Wallace 216**

#### Faculty

**L. Bozeman, V. Brashear, N. Coyer, K. Hale, L. Hayes, K. Petronio, D. Roush, and D. Williams**

### ADMISSION TO INTERPRETING FOR DEAF INDIVIDUALS PROGRAM

Any student who is accepted by the University Admissions Office and declares their major as interpreting will be admitted as a pre-interpreting major. Admission to pre-interpreting does not guarantee admission to the Interpreter Training Program. For consideration of admission into the Interpreter Training Program, the following are required:

#### **Admission Criteria**

- GPA of 2.5 or higher.
- ASL 201, 202, and ITP 215, 220 with a grade of "C" or higher and a GPA of 2.5 or higher for these four classes.
- Completed the Degrees of Reading Power Language Test, and
- Completed an admission interview by the ITP Interview Committee.

The ITP Interview Committee will select and rank applicants using the following criteria: 1) signing skills, (2) GPA, (3) score on the Degree of Reading Power Language Test, (4) interview score, (5) disposition score. The ITP Interview Committee will determine the number of students admitted to the program in order to maintain an appropriate student-faculty ratio and based on available resources.

**Application Information**

- Enrollment is limited.
- Application to the ITP does not guarantee acceptance.
- The ITP accepts students for the fall semester of all even years (i.e., 2008, 2010). Deadline for application is March 15th every even year.

**Progression and Retention in the Program**

- A grade of C or higher is required for all ITP/ASL courses with a 2.5 GPA in the major.
- Upon successful completion of ITP 470, a student will be permitted to take ITP Practicum 495 only with written recommendations from the ITP faculty and the department.

**Program Goal**

The goal of the Interpreter Training Program is to provide a strong foundation for students entering the career of professional interpreting for the deaf and heard of hearing.

**Center on Deafness and Hearing Loss**

The Center on Deafness and Hearing Loss serves as an informational resource on a wide variety of topics for faculty, staff and students. The Center also maintains close relationships with the Kentucky Office of Vocational Rehabilitation, the Kentucky Department of Education, and various programs within the U.S. Department of Education. Anyone interested in the programs or resources available at the Center should contact the director at (859) 622-8156 or visit the Center’s website at [www.cod.eku.edu](http://www.cod.eku.edu).

**INTERPRETER TRAINING PROGRAM (B.S.)**

*CIP Code: 16.1603*

**Major Requirements.....55 hours**

**ITP Core**

ITP 115, 210, 215, 220, 310, 320, 325, 350, 370, 390, 420, 425, 430, 470, 490, 495.

**Supporting Course Requirements.....27 hours**

ANT 120, ASL 101, 102, 201, 202, 301, 302, SED 104, 337.

**General Education Requirements .....39 hours**

Standard General Education program excluding block VB and VIII (6 hours). Refer to Section Four of the *Catalog* for details on the General Education and University requirements.

**University Requirement .....1 hour**

EDO 100.

**Free Electives.....6 hours**

**Total Curriculum Requirements.....128 hours**

**Minor**

**AMERICAN SIGN LANGUAGE (ASL) STUDIES**

The minor in American Sign Language teaches communication competency in a visual language. Students become knowledgeable about aspects of the hard-of-hearing and deaf

community. For careers working with the public, this minor is beneficial for understanding and communicating with the deaf and hard-of-hearing. This minor does not prepare students to interpret, nor fulfill the pre-admission and admission process for the Interpreter Training Program.

**Required Courses.....12 hours**

ASL 101 .....3

ASL 102 .....3

ASL 201 .....3

ASL 202 .....3

**Electives (select two courses).....6 hours**

ASL 210, 225, ITP 215, 350, or SED 337

**Total Requirements .....18 hours**

**DEPARTMENT OF CURRICULUM AND INSTRUCTION**

Chair

Dr. Dorie Combs

(859) 622-2154

Bert Combs, Room 215

Faculty

K. Althaus, D. Bowen, J. Bucknam, D. Combs, R. Day, D. Dent, F. Deters, G. Fair, J. Goertz, S. Hinton, C. Hodge, J. Hyndman, C. Jackson, M. Kolloff, J. Lovern, A. Madden, K. Maloley, M. Martin, P. McGuire, J. Moore, P. Petrilli, D. Porter, C. Resor, W. Thames, S. Townsend, R. Turner, R. White, and M. Wilder

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**Baccalaureate Degrees**

**ELEMENTARY EDUCATION (P-5) TEACHING (B.S.)**

*CIP Code: 13.1202*

Upon completion of a degree in Elementary Education, students will: 1) demonstrate specific pedagogical skills and content knowledge necessary to perform as effective elementary educators; 2) demonstrate understanding and appreciation for students and families from diverse socioeconomic, cultural, and ethnic backgrounds as demonstrated through course observations, assignments and/or reflections.

**Major Requirements.....56 hours**

**ELE Core.....31 hours**

ELE 322, 361, 362, 365, 445 or 445W, 446 or 446S, 490, 491, 492 or 492S, 493, SED 104.

**Professional Education Requirements .....25 hours**

EDF 103, 203, 319 or 319W, 413, SED 401 or 401S, and ELE 499.

**Supporting Course Requirements.....48 hours**

LIB 301, MAT 107 or higher (Block II), 201 and 202, HIS 202 or HON 210 (Block VA), GEO 100 (Block VB), CIS 212 or CSC 104 (Block VII)(QS) .....21 hours

**Multidisciplinary Content.....21 hours**

ECO 120; MAE 301, ENG 210, 211 or 212, or HON 306 (Block VII)(AH); ENG 303; ENG 410; 3 hours from CNM 599,

PHY 102, CHE 100 or GLY 102; and 3 hours from one of the following areas:  
 EARLY CHILDHOOD EDUCATION (CDF 235), SOCIAL STUDIES (HIS 247, 203, 204, 300, 304, 305, 401, 516, GEO 101, 220, POL 101, or 212). ENGLISH (ENG 405, 510, 520 or any upper division literature); MATHEMATICS (MAT 303, STA 270, STA 215, or MAT 205); SCIENCES (CNM 599, PHY 102, CHE 100, GLY 102).

In addition, six hours in a coherent set of supporting courses must be completed in Block VIII: Arts and Humanities select from Block III-A.

**General Education Requirements.....27 hours**

Standard General Education program excluding courses identified as “block” in supporting course requirements. Refer to Section Four of this Catalog for details on the General Education and University requirements.

**University Requirement .....1 hour**  
 EDO 100.

**Total Curriculum Requirements.....132 hours**

\*Students whose educational background included material equivalent to CSC 104 and/or MAT 107 may select alternate courses from the following with advisor approval: MAT 121, 211, 261, CSC 180, STA 271.

\*Students whose educational background included material equivalent to CSC 104 and/or MAT 107 may select alternate courses from the following with advisor approval: MAT 121, 211, 261, CSC 180, STA 271.

Candidates earning a degree that leads to teacher certification must take the PRAXIS Series (Professional Assessments for Beginning Teachers) and PLT (Principles of Learning and Teaching) exams as a requirement for graduation. Candidates are encouraged to review the schedule for PRAXIS and PLT registration deadlines prior to beginning the senior year (<http://www.kyepsb.net/assessment/index.asp> AND [www.ets.org/praxis](http://www.ets.org/praxis)). Specialty exams are required for each certification area sought and it may take more than one test date to complete all requirements. Candidates should confer with their education advisor/counselor to determine the most optimal time to take required exams.

**MIDDLE GRADE EDUCATION (5-9) TEACHING (B.S.)**

*CIP Code: 13.1203*

Upon completion of a degree in Middle Grade Education, students will: 1) demonstrate the broad general background knowledge, dispositions, and skills necessary to function as a literate, informed, active citizen, and to serve as a model for middle level students; 2) demonstrate the pedagogical skills and content knowledge necessary to meet Kentucky’s New Teacher Standards in middle level classrooms; 3) demonstrate the appropriate dispositions to effectively meet the diverse needs of middle level students found in public schools.

**Major Requirements.....40 hours**

**Middle Grade Core.....15 hours**

EMG 430, 445, 445W, 447, and six hours from 491, 492, 493, or 494 or 494W.

**Professional Education Requirements .....25 hours**

EDF 103, 203, 319, 319W, 413, SED 401 or 401S, and EMG 499.

**Supporting Course Requirements .....48 hours**

**Options .....24 hours**

Students seeking middle grade (5-9) certification must select **two** areas of emphasis from: English and communications, mathematics, science, social studies. Twenty four hours are required in each area.

**English and Communications .....24 hours**

ENG 210 (block IIIB) and 211 or 212; 350 or 351; ENG 410; LIB 501, CMS 100 (block IC), and six hours selected from ENG 303, 405, 510, 520, or EME 551.

**Mathematics .....24 hours**

MAT 106 (block II), 201, 202, 203, 205, 211 or 261 (block VIII); 303, and STA 270 (block VIII). (Students are advised to take CSC 104 as a symbolics option prior to enrolling in MAT 205 unless they already possess skills comparable to those acquired in CSC 104.) Students whose secondary education did not include a course equivalent to MAT 107 will need to take the course prior to enrolling in MAT 211, 261, 303, or STA 270.

**Science .....24-26 hours**

BIO 102 (block IVA), CHE 100, PHY 102 (block VIII), GLY 102 (block VIII), CNM 599, AST 130 or 135, GEO 215 and 3 hours selected from AST 330, BIO 121, BIO 131, BIO 141, BIO 303, BIO 317, GLY 109, GLY 304, GLY 307, PHY 131.

**Social Studies .....24 hours**

ECO 120 (block VIII); GEO 200 or 220 (block VB); HIS 202; HIS 203, 303, 304, 305, 308, 401, 402, 403, 404, 405, 406, or 424; HIS 246 (block VA); HIS 247 (block VC), 320, 336, 339, 343, 344, 345, 363, 374, 383, or 385; POL 100 or 101 (block VIII); and 3 hours selected from ANT 120, 325, SOC 131, or 345. Must take at least one HIS course at the 300 or 400 level.

**General Education Requirements .....33-42 hours**

Standard General Education program, excluding courses identified as “GEW” in area of emphasis. Refer to Section Four of this *Catalog* for details on the General Education and University requirements.

**University Requirement .....1 hour**

EDO 100.

**Free Electives .....2-4 hours**

**Total Curriculum Requirements .....128-129 hours**

Candidates earning a degree that leads to teacher certification must take the PRAXIS Series (Professional Assessments for Beginning Teachers) and PLT (Principles of Learning and Teaching) exams as a requirement for graduation. Candidates are encouraged to review the schedule for PRAXIS and PLT registration deadlines prior to beginning the senior year (<http://www.kyepsb.net/assessment/index.asp> AND [www.ets.org/praxis](http://www.ets.org/praxis)). Specialty exams are required for each certification area sought and it may take more than one test date to complete all requirements. Candidates should confer with their education advisor/counselor to determine the most optimal time to take required exams.



## DEPARTMENT OF SPECIAL EDUCATION

**Chair**  
**Dr. Debbie Haydon**  
(859) 622-6537  
Wallace Building, Room 245

**Faculty**

S. Adamovich, K. Brown, J. Cooper, T. Cranfill, M. Diebold, K. Dilka, D. Embury, D. Haydon, C. Hubbard, K. Janssen, K. Krampe, S. Mahanna-Boden, S. Michael, B. Pruitt, M. Purcell, C. Reeves, and M. White

*To teach, to learn, to help others teach and learn.*

**ADMISSION TO COMMUNICATION DISORDERS PROGRAM**

Any student who is accepted by Eastern Kentucky University's Admissions Office may declare their major as communication disorders (CD). The student will be assigned to a program advisor and will be classified as a "Pre-CD" major. However, a Pre-CD status does not guarantee admission into the CD undergraduate program. Pre-CD majors will be restricted to enrollment in the following major courses: SED 104, CDS 275 and 360, and ASL 101. To be admitted into the CD undergraduate program, students must meet the following minimum criteria: (1) at least 27 credit hours earned on 100-level courses or higher, (2) at least a 2.75 GPA on a 4.0 scale, (3) at least a 21 composite score on the ACT, and (4) earned a grade of "C" or higher in CDS 275 "Communication Disorders: A Survey" or equivalent transferred course. Transfer students do not have to be enrolled in university courses at the time of submitting an application for admission. The CD program admits 30 new undergraduate students each year. Applicants are ranked by the GPA x ACT composite score. The most qualified applicants are admitted. Application forms are available from Wallace 245 or visit the CD program website at [www.specialed.eku.edu/cd](http://www.specialed.eku.edu/cd); telephone (859) 622-4442. Completed applications and all required documentation.

As specified on the application form, the form must be submitted by February 14 to the CD Program Coordinator.

It should be noted that enrollment in the graduate program in Communication Disorders is also limited. Admission into the undergraduate program does not guarantee admission into the graduate program. Refer to the *Graduate Catalog* for information on admission to the graduate program.

Students must purchase the college student professional liability insurance prior to enrollment in CDS 374, 474, and 541. Further, that insurance coverage must be maintained throughout enrollment in these courses.

**SPEECH-LANGUAGE-HEARING CLINIC**

The Communication Disorders Program in the Department of Special Education offers services to students, faculty, staff, and members of the community at the Speech-Language-Hearing Clinic in Wallace 278.

Diagnostic and clinical treatment services provided by the

Clinic include the following:

1. Screening for speech, language, swallowing, and hearing problems.
2. Assessment and treatment of articulation disorders, phonological delays, delayed or disordered language, stuttering, voice disorders including laryngectomy, swallowing, speech and language problems resulting from stroke or head injury, language disorders related to learning disability, and speech and language problems of individuals in areas of exceptionality such as mental handicap, developmental delay, cerebral palsy, cleft palate, hearing impairment, autism spectrum disorder, and emotional/behavioral disorder.
3. Assessment and treatment of hearing loss; treatment via fitting, programming, and maintenance of hearing aids and/or assistive listening devices, aural rehabilitation (including auditory training) and speech reading, and counseling regarding adjustment to hearing aid use; hearing conservation.
4. Accent modification for speakers of English as a second language and those desiring Standard English skills.

Anyone interested in the above services should contact the Clinic Office Associate at (859) 622-4444, Wallace 278, or visit the Clinic website: [www.specialed.eku.edu/cd/clinic](http://www.specialed.eku.edu/cd/clinic).

**Baccalaureate Degrees**

**COMMUNICATION DISORDERS (B.S.)**

*CIP Code: 51.0204*

- Major Requirements.....56 hours**  
CDS 250, 273, 275, 285, 360, 365, 372, 373, 374\*, 380, 464, 465, 474\*, 475, 485, 487, 488\*\*, 541, 571, and 572.
- Supporting Course Requirements.....34 hours**  
ASL 101 or SED 240; 104, 341 or 590, 512, 518; BIO 171; BIO 301 or 303; EDF 103, 203, and 319; ENG 410, 510, or 520; and PSY 200 or 280.
- General Education Requirements .....36 hours**  
Standard General Education program, excluding blocks VB, VII (NS), and VIII (6 hours). Refer to Section Four of this *Catalog* for details on the General Education and University requirements.
- University Requirement .....1 hour**  
EDO 100.
- Free Electives.....as needed to complete 128 hours**
- Total Curriculum Requirements .....128 hours**

\*to a maximum of six hours  
\*\*to a maximum of two hours

**DEAF AND HARD OF HEARING (P-12) WITH  
ELEMENTARY EDUCATION (P-5) TEACHING (B.S.)**

*CIP Code: 13.1003*

- Major Requirements.....30 hours**  
SED 104, 260, 337, 338, 375, 380, 545, 510, 518, 581.
- Elementary Education (P-5) Requirements.....28 hours**  
ELE 322, 361, 362\*, 365, 445, 445W, 446 or 446S, 490, 491, 492 or 492S, and 493.
- Supporting Course Requirements .....19 hours**

ASL 101 (block VIII), 102 (block VIII), 201, LIB 301, MAT 201, and 202.

**Professional Education Requirements .....19 hours**

EDF 103, 203, 319, 319W, ELE 499, SED 499.

[EDF 413 met with SED 337, SED 401 or 401S waived by major in special education.]

**General Education Requirements .....42 hours**

Standard General Education program excluding courses identified as block in supporting course requirements. Refer to Section Four of this *Catalog* for details on the General Education and University requirements.

**University Requirement .....1 hour**

EDO 100.

**Total Curriculum Requirements .....143 hours**

\*Course waived for students who are hard of hearing/deaf and who are majoring in the deaf and hard of hearing teacher certification program.

Candidates earning a degree that leads to teacher certification must take the PRAXIS Series (Professional Assessments for Beginning Teachers) and PLT (Principles of Learning and Teaching) exams as a requirement for graduation. Candidates are encouraged to review the schedule for PRAXIS and PLT registration deadlines prior to beginning the senior year (<http://www.kyepsb.net/assessment/index.asp> AND [www.ets.org/praxis](http://www.ets.org/praxis)). Specialty exams are required for each certification area sought and it may take more than one test date to complete all requirements. Candidates should confer with their education advisor/counselor to determine the most optimal time to take required exams.

**DEAF AND HARD OF HEARING (P-12) WITH MIDDLE GRADE EDUCATION (5-9) TEACHING (B.S.)**

*CIP Code: 13.1003*

**Major Requirements.....30 hours**

SED 104, 260, 337, 338, 375, 380, 545, 510, 518, 581.

**Middle Grade Education (5-9) Requirements.....12 hours**

EMG 430, 445, 445W, 447, and three hours from EMG 491, 492, 493, or 494 (associated with option).

**Supporting Course Requirements.....39 hours**

ASL 101 (block VIII), 102 (block VIII), 201, MAT 201 and 202.

**Option.....24 hours**

Students seeking middle grade (5-9) certification must select one area of emphasis from the following list and complete 24 hours: English and communications, mathematics, science, social studies. See options list under Middle Grade Education (5-9) for a list of courses and block statements.

**Professional Education Requirements .....20 hours**

EDF 103, 203, 319, 319W, EMG 499, SED 499.

[EDF 413 met with SED 337, 401 waived by major in special education.]

**General Education Requirements .....36 hours**

Standard General Education program excluding courses identified as block in supporting course requirements and identified as block in the options for Middle Grade (5-9). Refer to Section Four of this *Catalog* for details on the General Education and University requirements.

**University Requirement .....1 hour**

EDO 100.

**Total Curriculum Requirements .....134-137 hours**

+Course waived for students who are hard of hearing/deaf and who are majoring in the deaf and hard of hearing professional education certification program.

Candidates earning a degree that leads to teacher certification must take the PRAXIS Series (Professional Assessments for Beginning Teachers) and PLT (Principles of Learning and Teaching) exams as a requirement for graduation. Candidates are encouraged to review the schedule for PRAXIS and PLT registration deadlines prior to beginning the senior year (<http://www.kyepsb.net/assessment/index.asp> AND [www.ets.org/praxis](http://www.ets.org/praxis)). Specialty exams are required for each certification area sought and it may take more than one test date to complete all requirements. Candidates should confer with their education advisor/counselor to determine the most optimal time to take required exams.

**SPECIAL EDUCATION/TEACHING (B.S.)  
Interdisciplinary Early Childhood Education -  
Special Education Early Childhood**

**Major Requirements.....27 hours**

SED 104, 360, 341, 352, 375, 436, 504, 518, and 577.

**Supporting Course Requirements.....12 hours**

ELE 519, NSC 500, OTS 515, and SWK 456.

**Professional Education Requirements .....16 hours**

EDF 103, 203, and SED 499.

**Minor in Child and Family Studies.....18 hours**

CDF 235, 246, 327, 344, 346, and 437.

**General Education Requirements .....48 hours**

Standard General Education program. Refer to Section Four of this *Catalog* for details on the General Education and University requirements.

**University Requirement .....1 hour**

EDO 100.

**Free Electives.....6 hours**

(CSC 104 or CIS 212 is an admission to professional education requirement and may be selected as a free elective.)

**Total Curriculum Hours .....128 hours**

Candidates earning a degree that leads to teacher certification must take the PRAXIS Series (Professional Assessments for Beginning Teachers) and PLT (Principles of Learning and Teaching) exams as a requirement for graduation. Candidates are encouraged to review the schedule for PRAXIS and PLT registration deadlines prior to beginning the senior year (<http://www.kyepsb.net/assessment/index.asp> AND [www.ets.org/praxis](http://www.ets.org/praxis)). Specialty exams are required for each certification area sought and it may take more than one test date to complete all requirements. Candidates should confer with their education advisor/counselor to determine the most optimal time to take required exams.

**SPECIAL EDUCATION/TEACHING (B.S.)  
Learning and Behavior Disorders**

*CIP Code: 13.1001*

*See advisor early in the program.*

**Major Requirements.....27 hours**

SED 104, 260, 341, 351, 356, 375, 518, 545, 578.

**Elementary Education (P-5).....28 hours**

ELE 322, 361, 362, 365, 445, 445W, 446 or 446S, 490, 491, 492 or 492S, 493.

**Middle Grade Education (5-9).....12 hours**

EMG 430, 445, 445W, 447, and three hours from EMG 491, 492, 493, or 494 (associated with option).

**Supporting Course Requirements.....9-30 hours**

**LBD (P-12) with Elementary**

**Education (P-5).....9 hours**

LIB 301, MAT 201, 202.

**LBD (P-12) with Middle Grade**

**Education (5-9).....30 hours**

MAT 201, 202 and one option: Students seeking middle grade (5-9) certification must select one area of emphasis from the following list and complete 24 hours: English and communications, mathematics, science, social studies. See Options list under Middle Grade Education (5-9) for a list of courses and block statements.

**Professional Education Requirements .....19 hours**

EDF 103, 203, 319, 319W, ELE 499, and SED 499. [EDF 413 met with SED 351, SED 401 or 401S waived by major in special education.]

**General Education Requirements .....36-48 hours**

Standard General Education program excluding courses identified as “block” in an option for Middle Grade (5-9). Refer to Section Four of this *Catalog* for details on the General Education and University requirements.

**University Requirement .....1 hour**

EDO 100.

**Free Electives:** As needed to reach a total of 128 hours.

**Total Curriculum Requirements .....128-132 hours**

Candidates earning a degree that leads to teacher certification must take the PRAXIS Series (Professional Assessments for Beginning Teachers) and PLT (Principles of Learning and Teaching) exams as a requirement for graduation. Candidates are encouraged to review the schedule for PRAXIS and PLT registration deadlines prior to beginning the senior year (<http://www.kyepsb.net/assessment/index.asp> AND [www.ets.org/praxis](http://www.ets.org/praxis)). Specialty exams are required for each certification area sought and it may take more than one test date to complete all requirements. Candidates should confer with their education advisor/counselor to determine the most optimal time to take required exams.

**SPECIAL EDUCATION (NON TEACHING) (B.S.)**

**Deaf and Hard of Hearing**

(CIP Code: 13.1003).

**Interdisciplinary Early Childhood –  
Special Education Early Childhood**

(CIP Code: 13.1001).

**Major Requirements.....36-39 hours**

**Core (IECE-SEEC).....21 hours**

SED 104, 260, 341, 375 (9 hours), and 518.

**Core (DHH) .....24 hours**

SED 104, 260, 341, 375 (9 hours), 518, and 545.

**Options**

**Interdisciplinary Early Childhood**

**Education - Special Education**

**Early Childhood (IECE-SEEC) .....12 hours**

SED 352, 436, 504 and 577.

**Deaf and Hard of Hearing (DHH).....12 hours**

ASL 101 and 102; SED 337 and 380.

**Supporting Course Requirements.....12-15 hours**

**DHH Option .....15 hours**

PSY 280, (12 hours selected from CDF 132, 437, NSC 500, OTS 515, PHI 130, PSY 308, REC 311, SOC 235,

or SWK 358.) Courses taken for General Education may *not* be used for Supporting Course Requirements.

**IECE-SEEC Options .....12 hours**

ELE 519, NSC 500, OTS 515, SWK 456.

**Minor Requirements.....18 hours**

**DHH**

(Refer to Section Four of this *Catalog* for list of minors offered)

**IECE-SEEC**

(Minor in Child and Family Studies)

CDF 235, 246, 327, 344, and 437.

**General Education Requirements .....48 hours**

Standard General Education program. Refer to Section Four of this *Catalog* for details on the General Education and University requirements.

**University Requirement .....1 hour**

EDO 100.

**Free Electives (As needed to complete 128 hours)**

**.....5-19 hours**

**Total Curriculum Requirements .....128 hours**

**Minor**

**SPECIAL EDUCATION (NON-TEACHING)**

Prerequisites must be honored.

**Required Courses.....9 hours**

SED 104, 260, and 341.

**Electives .....9 hours**

SED 207, 240, 337, 338, 349;

SED 351 or 352; 356;

SED 436; 500, 504, 518, 577, 578, 579.

**Total Requirements .....18 hours**

**Provision of Services**

**COURSES FOR PROVIDING SERVICES TO THE DEAF AND HARD OF HEARING**

The following course work cluster is designed to meet the needs of individuals trained in a variety of paraprofessional and professional programs who, upon graduation, are interested in the provision of services to deaf and hard of hearing children, youth, and adults. The course work provides an introduction to cultural awareness and the development of communication skills.

**Prerequisite Courses\* .....15 hours**

ASL 101, 102, 201, and 202; SED 115.

**Required Courses.....9 hours**

SED 774\*\*, SED 830, and PSY 845.

\*These courses or the equivalent of these courses demonstrated through proficiency in American Sign Language and an equivalent orientation to deafness course.

\*\*Practicum assignments will be interfaced with the individual’s specialty area and placement will be in a setting serving deaf and hard of hearing children, youth, and adults.

# College of Health Sciences

**Dr. David D. Gale, Dean**  
Rowlett 203

**Dr. Deborah Whitehouse, Associate Dean**  
Rowlett 204

**(859) 622-1523**

## MISSION STATEMENT

The mission of the College of Health Sciences is to prepare professionals and leaders in health and human sciences through excellence in teaching, scholarship, service and educational outreach.

## VISION

The College of Health Sciences will be nationally recognized as a center for outstanding teaching, scholarship, service and educational outreach by actively shaping and improving the health and well being of individuals, families, and communities.

## CORE VALUES

The College adheres to the University Core Values set forth in the 2006-2010 Strategic Plan as follows:

- Excellence and innovation through intellectual rigor and academic excellence among faculty and students
- Dignity and diversity through culturally sensitive human services and care
- Civic responsibility and civility through community and professional service
- Opportunity and access through learner-focused services and outreach
- Collaboration through interdisciplinary and cooperative efforts among faculty, students and the community
- Ethical and professional responsibility

## GOALS

- 1) To provide nationally recognized, high quality, accredited and approved programs at the undergraduate and graduate levels for individuals who wish to pursue a health and human science profession. (Quality Programs)
  - 1.1: Maintain state, regional and/or national undergraduate and graduate program accreditation, recognition and/or approval.
  - 1.2: Maintain leadership role in state, regional and/or national professional organizations.
- 2) To support the student in the acquisition of professional knowledge and skills necessary for success in health and human services. (Professional Knowledge/Instructional Excellence)
  - 2.1: Enhance student learning through excellence in

instruction.

- 2.2: Provide the necessary infrastructure of technologies and resources that support high quality instruction and student learning.
  - 2.3: Graduates are prepared to enter the workforce in Kentucky and/or the Nation.
  - 2.4: Recruit and retain high quality faculty.
  - 2.5: To develop learning experiences that will enhance an interdisciplinary and team concept in health and human services.
- 3) To contribute to a health community by promoting a high level of wellness and fitness as a way of life. (Wellness)
    - 3.1: Provide health and fitness through general education courses and professional degree programs in the College.
    - 3.2: Assess the success in meeting general education goals through short and long-term evaluations.
    - 3.3: Propose new professional degree programs in health and human sciences as needed at baccalaureate, masters, and clinical doctorate levels.
  - 4) To recognize, respect and support the societal needs of the diverse citizens of the Commonwealth, the region, and the Nation. (Diversity)
    - 4.1: Recruit and retain a diverse, high-quality student, faculty, and staff.
    - 4.2: Initiate community outreach efforts to respond to the needs of rural and urban underserved, diverse populations.
    - 4.3: Provide curricular content that respects and addresses diversity.
  - 5) To provide continuing education opportunities for lifelong learning that will enhance health and human sciences at the state and national level. (Continuing Education)
    - 5.1: Provide educational opportunities that facilitate career advancement and continuing licensure for the health workforce.
    - 5.2: Implement technology and alternative delivery methods and enhance collaboration for continuing education programs.
    - 5.3: Collaborate with other disciplines in the College of Health Sciences to provide accreditation for continuing education.
  - 6) To develop and expand the knowledge base in health and

human sciences through scholarship and creative activities. (Scholarship/Creative Activities)

- 6.1: Contribute to the body of knowledge through creative and scholarly activities.
  - 6.2: Engage in interdisciplinary scholarship and creative activities among students, faculty and/or the community.
  - 6.3: Develop a plan that coincides with the University to enhance facilities, resources, and opportunities for faculty and students to pursue creative endeavors and research.
- 7) To increase college-level opportunities for resource enhancement. (Development)
- 7.1: Develop and implement a college plan to enhance resource development opportunities.

### ADMISSION REQUIREMENTS FOR COLLEGE

The College of Health Sciences accepts applications from all persons who are qualified for admission to the University. All applicants must provide evidence of their ability to meet the academic standards established by the various programs. Due to enrollment limitations of some programs, applications should be made early. Applications received after the deadline of a program will be processed and admissions recommended on a space available basis. Specific entrance requirements for each program are shown in the departmental sections of this *Catalog*.

### ADMISSION POLICIES

1. Students must meet requirements and be admitted by the University before being considered for enrollment in programs within the College of Health Sciences. Specific admission criteria are provided under each of the Health Sciences programs. The student is responsible for obtaining information for the application process including department deadlines.
2. Transfer work must be from an accredited institution and with a minimum grade of "C" in major and supporting courses. The applicant must be eligible to return to the last institution attended.
3. Work taken more than eight years previously must be approved by the Dean of the College.
4. In the event that a student is not accepted for a program, the student who wishes to reapply must submit a new application and related materials that will be considered when a new class is accepted.

Students desiring to complete collegiate work required for admission to professional programs may complete this work at any accredited college or university. Students are urged to carefully plan their course of study to include the disciplines and subject areas described in the individual programs and the college advisor.

Students who have not reached a decision on a specific health science major may obtain counseling/guidance from individual program directors in the College of Health Sciences.

The programs in the College of Health Sciences are designed to prepare graduates for practice in health and human services professions. Most require licensure and/or certification after graduation and prior to practice. A criminal record (excluding minor traffic violations) may make a person ineligible for licensure or certification in these professions. Students with such a history

should contact the licensing or certifying body prior to enrollment to determine whether this might be the case.

Placement in certain clinical sites, particularly those that involve practice with children, requires a background check by the Kentucky State Police to determine whether the student has a criminal history that would prevent their participation in that clinical experience.

### READMISSION POLICIES

After being admitted to one of the programs in the College, students who withdraw or who are dismissed due to failure of one or more courses must submit application for readmission according to the guidelines for the specific program. **Readmission to the program is not guaranteed to any student.**

### READMISSION APPEAL PROCESS

The student who has been denied admission may appeal the decision following these guidelines:

- 1) Notify the chair of the program's readmission committee of the desire to appeal the decision and to provide additional pertinent information to support the appeal. The committee chair will schedule a time for the student to appear before the committee to present the appeal. A student who has agreed to a time for a meeting of the departmental readmission committee and who does not appear at that meeting may forfeit the right to present evidence beyond that furnished in the original application for readmission.
- 2) The student will be notified within five working days of the committee's decision.
- 3) If the student is not satisfied with the decision, the student shall schedule an appointment to present the appeal to the Department Chair. The student will be notified within five working days of the Department Chair's decision.
- 4) If the student is not satisfied with the decision of the Department Chair, the student shall submit a written appeal to the Associate Dean of the College of Health Sciences. If the Associate Dean determines there are extenuating circumstances surrounding the student's request for readmission and/or if the procedure for readmission has not been followed, a meeting of the College's Readmission Committee will be scheduled. A time will be appointed for the student to appear before the committee to present the appeal. A student who has agreed to a time for a meeting of the College Readmission Committee and who does not appear at that meeting may forfeit the right to present evidence beyond that furnished in the original application for readmission.
- 5) Decisions of the College Readmission Committee are binding. The student will be notified of the decision within five working days.

### STUDENT AGREEMENT STATEMENT

Programs in the College of Health Sciences may require a student to sign an agreement statement that encompasses professional expectations related to the program. This statement is to be signed when the student enters courses in the major.



## STUDENT LIABILITY (MALPRACTICE) INSURANCE

All students whose programs require participation in clinical learning experiences must purchase and maintain liability insurance through the University during the entire clinical experience. Proof of such insurance coverage must be furnished to the department before the clinical experience is scheduled to begin. The University has arranged for appropriate insurance coverage at a modest cost to the student. Further information may be obtained at the student's major departmental office.

## ACCREDITING AGENCIES AND CLINICAL FACILITIES

### Accrediting Agencies

#### Accreditation Council for Occupational Therapy Education

4720 Montgomery Lane  
Bethesda, Maryland 20824  
301-652-2682

#### American Nurses Credentialing Center

8515 Georgia Ave., Suite 400  
Silver Springs, MD 20910-3492  
800-284-2378

#### Commission on Accreditation of Allied Health Education Programs

1361 Park St.  
Clearwater, FL 33756  
727-210-2350

#### Commission on Accreditation of Athletic Training Education

2201 Double Creek Drive  
Suite 5006  
Round Rock, TX 78664  
512-733-9700

#### American Association of Medical Assistants

20 North Wacker Drive #1575  
Chicago, IL 60606-2903  
800-ACT AAMA

#### Commission on Collegiate Nursing Education

One Dupont Circle, NW, Suite 530  
Washington, DC 20036-1120  
202-887-6791

#### Commission on Accreditation for Dietetics Education of American Dietetics Association

216 West Jackson Boulevard  
Chicago, IL 60606-6995

#### Council for Accreditation of American Association of Family and Consumer Sciences

400 N. Columbus Street Suite 202  
Alexandria, VA 22314  
800-424-8080 or 703-706-4600

#### Commission on Accreditation for Health Informatics and Information Management Education

233 N. Michigan Avenue, 21st Floor  
Chicago, IL 60601-5800  
312-233-1100

#### National Accrediting Agency for Clinical Laboratory Science

8410 W. Bryn Mawr  
Chicago, IL 60631  
312-714-8880

#### National Academy of Early Childhood Programs of the

#### National Association for the Education of Young Children

1509 16th St., NW  
Washington, DC 20036  
800-424-2460

#### North American Society for Sport Management

West Gym 117  
Slippery Rock University  
Slippery Rock, PA, USA 16057  
Ph: 724-738-4812; Fax: 724-738-4858

#### National Council for Accreditation

#### National Recreation and Park Association/Council on Accreditation

22377 Belmont Ridge Road  
Ashburn, VA 20148-4501  
703-858-2150

#### National Council for the Accreditation of Teacher Education

2010 Massachusetts Ave., NW, Suite 500  
Washington, DC 20036-1023  
202-466-7496

#### American Association for Health Education

1900 Association Drive  
Reston, VA 22901-1599  
703-476-3437

#### National Association for Sport and Physical Education

1900 Association Drive  
Reston, VA 22091-1599  
800-213-7193

#### National Environmental Health Science and Protection

#### Accreditation Council

2632 SE 25th Avenue, Suite F  
Portland, OR 97202  
(503) 235-6047

#### National League for Nursing Accrediting Commission

3343 Peachtree Rd. NE, Suite 500  
Atlanta, GA. 30326  
(404) 975-5000 / (fax) (404) 975-5020

#### Society of Public Health Educators

1015 Fifteenth Street, NW, Suite 410  
Washington, DC 20005  
202-408-9804

## CLINICAL FACILITIES

The University maintains formal contracts with many health care Human Services and Educational agencies located throughout Kentucky and the southeastern United States. Almost every specialty within the entire health care spectrum is available for use in providing high quality experiences for students enrolled in the programs. A list of cooperating agencies is available through the Office of the Dean.

The University is not liable for, nor is there a fund from which payment can be made for those who are inconvenienced or incur expenses based upon canceled classes, assignments, or clinical placements, etc.

## BLOODBORNE PATHOGENS AND HEPATITIS B STATEMENT

The College of Health Sciences attempts to impart the principles and practice of infection control to its students who may have future occupational exposure to bloodborne pathogens. To this end, students majoring in athletic training, clinical laboratory science and technology, nursing, and occupational therapy are required to receive education in universal precautions and the Occupational Safety and Health Administration's (OSHA) Bloodborne Pathogens Standard Regulations. Students will be responsible for obtaining the Hepatitis B vaccination before participation in the clinical training phase of their respective programs when indicated. Students who may potentially be exposed to blood and body fluids are required by most of our clinical agencies to have obtained the Hepatitis B vaccine. If this requirement is placed upon the student, it will be strictly enforced. Please see the departmental student handbook for further clarification.

## DEGREE REQUIREMENTS

The students are responsible for selection and registration for courses needed for reasonable progress toward their degree or certificate that will enable the students to satisfy requirements for graduation.

General University requirements described in Section Four of this *Catalog*, and specific course requirements set forth in the description of curricula, must be met by students completing associate and baccalaureate programs administered by the College of Health Sciences. See programs under each department for major and minor requirements. All first-year students in the College of Health Sciences must enroll in the Academic Orientation course (HSO 100).

Besides the general University requirements, specific degree requirements for the College of Health Sciences are as follows.

### Baccalaureate Degree

1. A minimum grade of “C” in each ATR, ADM, CDF, CLS, EHS, FCS, FRM, HEA, HSA, NFA, OTS, PHE, REC course and selected CHS courses is required.
2. Students pursuing a baccalaureate degree in any health sciences major shall be allowed to declare a minor or a second major outside the College of Health Sciences. Any student who chooses to pursue a minor or second major must have as their primary advisor a faculty member from the College of Health Sciences.

### Associate Degree

1. A minimum grade of “C” in each CDF, CLT course and selected CHS courses is required.
2. A minimum of 15 hours in courses approved for general education is required for all associate degree programs. These hours include ENG 101 and 102, or their equivalent. The nine additional hours must include approved one course in each of the following categories: IIIA, IIIB, IIIA/B, or VII (Arts and Humanities); VA, VB, VC, or VII (Social and Behavioral Sciences); and II, IVA, IVB, or VII (Mathematics and/or Natural Sciences). For certain curricula, individual requirements are waived if they are satisfied in the major program.
3. In addition, an orientation course (HSO 100) is required for all associate degree programs.

### Appeals

Appeals procedures are detailed in the Departmental and University Handbooks and in the department sections.

## Minor

### INTERDISCIPLINARY MINOR IN GERONTOLOGY

Gerontology is the scientific study of the aging process. It includes: a) the study of physical, mental, and social changes in older people as they age; b) the investigation of the changes in society resulting from the aging population; and c) the application of this knowledge to policies and programs. Population projections indicate that the over 65 population will rise to almost 70 million, or one-fifth of the total United States population, by the year 2030. Students in virtually every academic discipline will need

specialized information and training in gerontology in order to deal successfully with the needs of an aging society.

A student may complete an Interdisciplinary Gerontology minor by taking 27 hours (including prerequisites) as indicated below. Required courses include the following 12 hours: NUR 250; SOC 415\*; BIO 310\*; and PSY 316.\* An additional six hours of electives shall be selected from the courses listed below.

CHS 570; HEA 593; NFA 509; REC 411; and SWK 457.

\*Indicates the course has a prerequisite.

## DIVISION OF CONTINUING EDUCATION AND DEVELOPMENT

### Director

**Ms. Kathy Hall**  
(859) 622-2143  
Perkins 215

The Division of Continuing Education and Development in the College of Health Sciences was formed in 1977 in order to help meet the needs of nurse professionals for mandatory continuing education in the state of Kentucky. Although nursing has continued to be the largest enrollment group, many of the activities are also of interest and applicable to the other health-related professional programs in the College of Health Sciences. The mission of the Division of Continuing Education is to provide quality continuing education activities which promote excellence in professional practice. Programming is designed to meet the assessed needs of health professionals in the surrounding community and region and focuses on the enhancement of clinical competence, professional development, and/or personal growth.

The Division is nationally accredited by the American Nurses Credentialing Center and approved by the Kentucky Board of Nursing. Continuing education is seen as an integral component of the life-long process of learning. Health and human services professionals seek quality continuing education opportunities in order to function competently in a continuously changing health care environment. Continuing education provides a holistic approach to health—encompassing the physical, intellectual, social, and spiritual aspects and focusing on the restoration, maintenance and/or promotion of health.

A variety of teaching-learning approaches are used such as lecture, discussion, and experiential group work. In an effort to reach as many participants as possible, learning activities are accessible through independent study approaches, distance education opportunities, on-line programs, as well as both on and off-campus presentations. Continuing education contact hours are awarded for successful completion of these activities. For further information, contact the Division of Continuing Education and Development, 202 Perkins Building, (859) 622-2143.

## HEALTH SCIENCES LEARNING RESOURCE CENTER

**Director**  
**Raglena Salmans**  
**(859) 622-2091**  
**Rowlett 310**

The Health Sciences Learning Resource Center is a multi-media library, study, and computer center for the College of Health Sciences. It provides support to the instructional needs of the faculty through multi-media resources, equipment, and other services. The primary purpose of the Center is to provide the student the opportunity to reinforce previous learning of clinical/classroom content through independent review of multi-media materials and computer-aided instructional software.

Students also have access to other resources such as anatomical models and charts, interactive video resources, professional articles, e-mail, the internet, literature searches, bibliographic manager, epidemiology mapping courseware and word processing. The Learning Resource Center is located in the Rowlett Building, Room 310.

### PRE-PROFESSIONAL PROGRAMS

**Advisor**  
**Raglena Salmans**  
**(859) 622-2091**  
**Rowlett 311**

Students interested in a pre-professional allied health program such as physical therapy or physician assistant may complete a degree in the College of Health Sciences or any other degree offering and include the supporting science courses that are required for admission to the professional program. Supporting science courses for physical therapy may include but not be limited to the following:

1. 2 semesters general physics with labs - equal to that taken by science majors
2. 2 semesters general chemistry with labs - equal to that taken by science majors
3. 2 semesters general biology, animal biology or zoology, with laboratory (botany, ecology or entomology are not acceptable). It is strongly recommended that 1 semester of the biology sequence be comparative or human anatomy with laboratory.
4. 2 semesters of psychology (general and developmental are preferred)
5. 1 semester of statistics (minimum of 3 credits including calculations of central tendency, measures of variability, and hypothesis testing)
6. 1 semester of medical terminology (minimum of 2 credits, 3 credits preferred)
7. oral communication (3 credits)
8. 1 semester of exercise physiology (3 credits) is recommended

In addition to having a degree, preferably in health sciences, other supporting science courses for physician assistant may include but not be limited to the following:

1. General Chemistry with lab

2. Organic Chemistry with lab (*Pre-med or Chemistry major level*)
3. General Psychology
4. Developmental Psychology in Kentucky
5. Microbiology (*lab recommended*)
6. Biology/Zoology with lab (*not biology for non-majors*)
7. Human Physiology
8. Human Anatomy
9. Sociology/Anthropology
10. Medical Terminology

At the time of advisement, students who are interested in a specific allied health program should provide a copy of the admission requirements of the program to which they desire admission.

Supporting courses for admission to a dental hygiene program may include but not be limited to the following: ENG 101, 102, BIO 171, 273, 301, PSY 200, CMS 100, NFA 201, MAT 107, SOC 131, and 3 hours in history, humanities or language.

It is **necessary** that students know the admission requirements specific to the professional program of their choice. Students are responsible for communicating to the advisor their career goals and choice of professional program.

### DEPARTMENT OF ASSOCIATE DEGREE NURSING (RN)

**Chair**  
**Dr. Peggy T. Tudor**  
**(859) 622-1942**  
**Rowlett 220**

#### Faculty

**R. Anderson-McCord, Y. Baker-Scalf, J. Brown, M. Brown-Davis, C. Frazer, R. Gaffney, V. Grubbs, C. Hubbard, J. Lindquist, C. Mitchell, K. Petrey, A. Potts, M. Powell, G. Purdue, D. Ricketts, B. Roberts, F. Sharp, C. Snider, P. Tudor, and M. Roberts.**

The Department of Associate Degree Nursing, established in 1965, is approved by the Kentucky Board of Nursing and accredited by the National League for Nursing Accrediting Commission. The nursing program leading to an Associate of Science in Nursing (A.S.N.) degree is four semesters in length. The program prepares the graduate to function as a generalist registered nurse (R.N.) to practice in a variety of positions in various clinical settings in Kentucky and across the nation. Graduates of the program are eligible to apply for the national licensure examination; after successful completion of the exam, graduates are licensed as registered nurses.

The philosophy of the Department of Associate Degree Nursing guides the program of study. The philosophy articulates the faculty's beliefs about the concepts of client, health, nursing, environment, and nursing education.

**Clients** are individuals, families, groups of people, and/or communities representative of different cultures. Clients interact with nurses and the health care delivery system in an effort to meet the essential needs for oxygenation, safety, nutrition, elimination, comfort, sleep, activity, and psychosocial well-being. Efforts to meet these needs in order to attain the goal of optimal health continue throughout the lifespan.

**Health** is a dynamic process, which occurs on a continuum from optimal wellness to death. Health encompasses an individual's physical, psychosocial and spiritual well-being. Clients interact with nurses and the health care delivery system when necessary to meet their goals for health promotion, prevention of illness, restoration of health, and coping with challenges throughout the lifespan. High quality health care is best achieved through a client-centered, comprehensive, and accessible health care delivery system.

**Nursing** is a therapeutic and caring discipline whose practice is based on nursing knowledge, the sciences, and the humanities, and is guided by the ANA Code of Ethics. Nursing practice is guided by mandates and standards from prominent nursing education and health organizations such as the American Nurses' Association and the National League for Nursing. Within a variety of roles and in multiple settings, nurses collaborate with clients and members of the interdisciplinary health care team to provide high quality client care and to facilitate improvement in health care delivery systems. Nursing is a vital force in society whose roles affect and are affected by current and emerging issues in health care. Knowledge derived from research, other scholarly activities, and societal trends provide direction for the evolving practice of nursing.

**Environment** is the sum total of the elements and conditions which impact the client. The environment is integral to the client's experience of health and influences the development and behaviors of a client. Nurses interact with clients to maintain and/or modify the environment to support optimal wellness. Environment also encompasses the context in which nurses learn and practice.

Nursing education provides an environment for the student to grow intellectually, develop psychomotor skills, and utilize effective communication skills. The curriculum fosters clinical decision-making through the use of the nursing process. Student success is enhanced by supplemental instruction services within the College of Health Sciences and the University. In support of life-long learning experiences, the Department of Associate Degree Nursing and the College of Health Sciences provide opportunities for educational advancement in nursing.

The organizing framework of the nursing curriculum represents the faculty's plan for learning activities designed to assist each student to achieve educational outcomes. This framework is based on the core components and Educational Competencies for graduates of Associate Degree Nursing programs developed by the National League for Nursing (2000). The core components are those elements that are essential to the practice of the entry-level registered nurse. They include professional behaviors, communication, assessment, clinical decision-making, caring interventions, teaching and learning, collaboration, and management of care. They are integrated into the three roles of the nurse, defined by National League for Nursing as provider of care, manager of care, and member within the profession of nursing. These core components reflect the educational outcomes for students, and are actualized through competencies identified for each of the core components. The organizing framework, educational outcomes and course objectives flow from the Department of Associate Degree Nursing mission and philosophy. Courses in the sciences and humanities provide the foundation for the nursing curriculum.

### Student Learning Outcomes

Upon completion of the associate degree program, the graduate will:

1. Practice within the ethical, legal, and regulatory frameworks

- of nursing and standards of professional nursing practice. (Professional Behaviors)
2. Utilize therapeutic and appropriate methods and skills to communicate effectively with client, significant support person(s), and members of the health care team. (Communication)
3. Complete comprehensive assessments of clients and significant support person(s). (Assessment)
4. Utilize the nursing process to analyze assessment data and evidence-based information to plan, evaluate and modify decisions that ensure safe, effective individualized care. (Clinical Decision Making)
5. Demonstrate nursing behaviors and actions that are nurturing, protective, compassionate, and person-centered and that assist the client in meeting needs. (Caring Interventions)
6. Utilize the teaching and learning process in collaboration with the client, significant support person(s), and other members of the health care team to promote and maintain health and reduce risks. (Teaching and Learning)
7. Function as an advocate, liaison, coordinator and colleague in working with the healthcare team toward the achievement of positive client outcomes; collaborate with the client, significant support person(s), and members of the health care team to plan, implement, and evaluate client care. (Collaboration)
8. Assist the client to achieve positive outcomes by effectively utilizing human, physical, financial and technological resources; utilize the management process to assist clients to interact effectively with the health care system. (Managing Care)

### Admission Requirements and Procedures

All students who are admitted to EKU and declare their major as associate degree nursing are admitted as pre-associate degree nursing majors. However, admission to the University does not guarantee admission to the Associate Degree Nursing Program.

Students are eligible to be considered for admission to the Associate Degree Nursing Program only after having been admitted to the University. Applications for the Associate Degree Nursing program are available through the department office or online at [www.adn.eku.edu](http://www.adn.eku.edu).

Applicants are eligible to be considered for admission who have:

1. Met University requirements for proficiency in English, reading and mathematics.
2. Met the Pre-College Curriculum requirements.
3. A high school or college (cumulative and EKU) GPA of 2.5 on a 4.0 scale.
4. Grades of "C" or better in any supporting courses that have been completed.

Applications are considered for the fall semester (received by March 1) and for the spring semester (received by October 1). Applications received after the deadline will be processed on a space availability basis. The Department Admissions Committee will evaluate each applicant's academic history and select those applicants who are the most academically qualified. Should there be more qualified applicants than spaces available, admission becomes competitive. Admission to the program is limited and completion of eligibility criteria does not ensure admission into the program.

**Students Transferring from Another Nursing Program**

Transfer students must meet the following criteria in addition to admission criteria of Eastern Kentucky University and the Department of Associate Degree Nursing:

1. The nursing credits transferred must be comparable to Department nursing credits for a maximum of 16 semester hours credit.
2. A complete course outline must be submitted for each nursing course being evaluated for transfer credit.
3. Transfer credits must meet passing standards of the nursing program from which they are transferred.
4. Transfer credits must be from a nationally accredited program.

Each transfer student’s application will be evaluated on an individual basis by the Department Chair and the Department Admissions Committee.

**Plan for the Licensed Practical Nurse**

The Department of Associate Degree Nursing offers the opportunity to the Licensed Practical Nurse to complete an accelerated course of study leading to the Associate of Science in Nursing degree. The LPN is required to take NUR 205, 232, 234, 242, and 255 and all non-nursing courses in the curriculum. The LPN is granted credit for NUR 114, 124, and 126 after successful completion of NUR 205. Licensed practical nurse applicants are eligible to be considered for admission who have:

1. Met University requirements for proficiency in English, reading and mathematics.
2. Met the Pre-College Curriculum requirements.
3. A college (cumulative and ECU) GPA of 2.5 on a 4.0 scale.
4. Grades of “C” or better in any supporting courses that have been completed.

In addition to the criteria for admission, the applicant who is a licensed practical nurse (LPN) must:

1. Submit evidence of licensure from a jurisdiction recognized by the National Council of State Boards of Nursing.
2. Have practiced as an LPN within the past two (2) years.

**Progression in the Program**

In order for students to follow the established progression of the program sequence, they must:

1. Meet all prerequisites.
2. Maintain a cumulative and ECU GPA of 2.0 on a 4.0 scale.
3. Complete all major courses and supporting courses with a “C” or better.

**Clinical Requirements**

Transportation to all clinical experiences is the responsibility of the student. Students are expected to adhere to the Department and clinical agency dress code policies.

Before a student can progress to a clinical experience the following requirements must be met:

1. Proof of professional liability insurance purchased through the University.
2. Proof of CPR for the Health Care Professional.
3. Proof of Rubella, Rubeola, and Mumps immunity.
4. Proof of Hepatitis B immunity.

5. Proof of negative TB skin test or chest X-ray.
6. Proof of Varicella immunity.
7. Documentation of adult TDaP vaccine (Tetanus, Diphtheria, Acellular Pertussis)

**Readmission Policies and Procedures**

A student who fails to progress in the nursing curriculum is dismissed from the program and must apply for readmission and be processed through the Admissions/Progression Committee. This committee represents the Department of Associate Degree Nursing and has the authority in readmission decisions for the department.

**Readmission to a nursing course is not guaranteed to any student.** The student is advised to refer to the Department Student Handbook for specific procedures concerning readmission.

**NURSING (A.S.N.)**

*CIP Code: 51.1601*

**Major Requirements.....37-38 hours**

NUR 114(8), 124(5), 126(3), 205(1)\*\*, 232(7), 234(3), 242(9), and 255(2).

**Supporting Course Requirements .....23-24 hours**

BIO 171\*, BIO 273 or CLT 209/CLT 211(2), BIO 301\*, CHE 105/107\*, NFA 201\*, PSY 200\*, and SOC 131\*.

**General Education Requirements .....9 hours**

Three hours general education arts & humanities, and six hours of English composition.

**University Requirement .....1 hour**

HSO 100.

**Total Curriculum Requirements .....70-72 hours**

\*Courses meeting general education requirements.

\*\*Required of Licensed Practical Nurses Only

**DEPARTMENT OF  
BACCALAUREATE AND GRADUATE  
NURSING**

Chair

**Dr. Judy Short  
(859) 622-1956  
Rowlett 223**

Faculty

**M. Adams-Johnson, J. Allen, B. Bentley, P. Birchfield, C. Browning, D. Corley, M. DeLetter, C. Edwards, S. Evans, S. Fister, K. Halcomb, S. Hall, B. Hart, R. Hovermale, L. Jones, C. Lamb, T. Loan, C. Palmer, E. Parrish, S. Patros, J. Pinheiro, H. Poston, L. Price, K. Purcell, P. Schlomann, J. Short, I. Slusher, C. Velotta, E. Waters, M.H. Whitaker, M. Whitaker, P. Woods, L. Wray, and L. Yonts.**

The nursing program leads to a baccalaureate degree. General education in the sciences and liberal arts provides the basis for and is correlated with the major in nursing. The collegiate program is devoted to a combination of physical, biological and social sciences, and humanities as deemed essential to the preparation of the professional nurse. The nursing component is composed of instruction in nursing theory and the application of nursing theory in the clinical setting under the guidance of nursing



faculty. Thus, nursing is learned through a combination of formal classroom instruction and supervised experiences in hospitals, clinical agencies, and a variety of community settings. The nursing program prepares the individual to function as a generalist and lays the foundation for graduate study in clinical specialties, research, teaching, supervision, and/or administration. Graduates of the program earn a baccalaureate degree in nursing (BSN) and are eligible to write the national licensure examination (NCLEX). Graduates of the program who successfully write the NCLEX examination are licensed to practice as registered nurses.

The baccalaureate nursing program is based upon the belief that preparation for professional nursing encompasses a broad liberal, general, and professional education. The threefold mission of the department is congruent with the mission of the college and university; to serve the community of interest by providing high quality, accessible learning opportunities which encourage students to act independently, to think critically, to communicate effectively, and to practice professional or advanced levels of nursing with integrity, enlightenment and creativity; to participate in service which enhances the educational mission of the college and the university; and to participate in research and other scholarly efforts supporting the educational mission of the college and university.

### Professional Nursing Practice Outcomes

Upon completion of the baccalaureate nursing program the BSN graduate:

1. Treats patients as holistic, unique and self-directive with the right to make decisions for themselves concerning health matters.
2. Uses the nursing process to provide, manage, and evaluate culturally competent primary, secondary, and tertiary prevention for diverse clients across the life span in a variety of settings.
3. Uses evidence-based nursing practice, critical thinking, research methodologies, informatics, and healthcare technology to provide therapeutic interventions, predict outcomes, and influence the delivery of health care.
4. Assumes a leadership role in health care by communicating and collaborating with patients, health care professionals, and health care systems.
5. Supports safe, quality, responsible, and economic interdisciplinary health care as a consumer and sociopolitical advocate within multiple health care systems.
6. Promotes the ethical and legal practice of professional nursing.
7. Demonstrates self-care, professionalism, accountability, and competence in nursing practice, with a commitment to advancing the profession of nursing.

### Admission and Progression Requirements

All students who are accepted by EKU's Admissions Office and declare their major as baccalaureate nursing (four-year nursing) are admitted to the University as pre-baccalaureate nursing majors. However, admission to the freshman year does not guarantee admission to the laboratory nursing courses. Students seeking to enter NSC 232, 242, and 252 in the third semester of the curriculum must meet minimum program GPA requirements of 2.5 and have department chair approval. Spaces in these courses are limited and are reserved for students whose academic record indicates they are more likely to be eligible to be considered for and admitted to the clinical nursing courses. To be eligible to be considered for admission to the clinical nursing courses, students

must have completed the first three semesters of college work as outlined in the curriculum plan and have submitted a complete department application. All prerequisite courses must be completed with a grade of "C"/2.0 or better, and a minimum cumulative GPA of 2.5 on a 4.0 scale must be obtained. For the prelicensure nursing program, [Nursing Pre-RN (B.S.N.)], some prerequisite courses (BIO 171, BIO 273/CLT 209, BIO 301, CHE 105, NFA 201, NSC 232, NSC 242, and NSC 252) must have been taken within five years prior to the time application is made for admission to the clinical nursing courses unless an exception has been approved by the department. For the prelicensure Nursing (B.S.N.) Second Degree Option, the courses in BIO 171, BIO 272/CLT 209, BIO 301, and NFA 201 must have been taken within five years prior to the time application is made for admission to the option unless an exception has been approved by the department. Completion of eligibility criteria does not guarantee admission to the clinical nursing courses. Admission to the clinical courses is competitive and based on review of the applicants' academic history by the Baccalaureate Nursing Admission/Readmission Committee. Spaces are limited and the most qualified applicants will be selected for admission.

In addition to the academic criteria required for admission, the student must meet the standards written into the Commonwealth of Kentucky Nurse Practice Act. Specifically, the Nurse Practice Act requires that each student be of good moral and ethical character, good mental and physical health, and be academically qualified to fulfill the role and responsibilities of a person licensed to practice as a professional nurse. Students must meet all clinical agency placement requirements.

For progression, students must earn a grade of "C"/2.0 or better in all nursing and supporting courses. Students who fail to meet the requirements for progression must apply for readmission through the Baccalaureate Admission/Readmission Committee. Readmission to a nursing course is not guaranteed to any student. Please refer to the Baccalaureate Nursing Student Handbook for specific information on readmission procedures. The program reserves the right to alter the suggested plan as necessary to enhance a quality educational program. Students interested in entering graduate study may apply to the Graduate School.

For additional admission information please refer to the Selection Criteria at <http://www.bsn-gn.eku.edu/bsn.php>

### Transfers from Other Colleges and Universities

Academic credits earned at other accredited colleges or universities are transferable upon approval of the appropriate department at Eastern Kentucky University. Official transcripts are to be submitted by the student to the Office of the Registrar. Credits more than eight years old must be approved.

Transfer students must submit copies of all transcripts along with their application to the program. These transcripts will be considered a part of the application process and are necessary to determine admission and placement.

Students wishing to transfer nursing courses from another accredited institution must have a grade equivalent of "C"/2.0 or better in any nursing course to be transferred. In addition, the applicant must submit complete course outlines and/or syllabi. This material should be submitted well in advance of expected matriculation to provide time for necessary evaluation.

### Specific Degree Requirements for Bachelor of Science in Nursing Degree

In addition to the general requirements for the baccalaureate

degree, students must earn a grade of “C”/2.0 or better in all nursing and supporting courses.

### NURSING PRE-RN (B.S.N.)

*CIP Code: 51.1601.01*

<b>Major Requirements.....</b>	<b>67 hours</b>
NSC 232, 242, 252, 330, 332(2), 350, 380(4), 386(10), 390(2), 392(5), 396(7), 480, 484(5), 486(5), 492(5), 495(2), 496(2).	
<b>Supporting Course Requirements.....</b>	<b>25-26 hours</b>
BIO 171, 273(4) or CLT 209, BIO 301, CHE 105, 107(1), NFA 201, STA 215 or 270, 3 hours of general education PSY, and 3 additional hours of general education social science.	
<b>General Education Requirements.....</b>	<b>27 hours</b>
Standard General Education program, excluding blocks IVB, VB, VC, VI, VII (QS), and VIII (6 hours). Refer to Section Four of this <i>Catalog</i> for details on the General Education and University requirements.	
<b>University Requirement.....</b>	<b>1 hour</b>
HSO 100.	
<b>Total Curriculum Requirement.....</b>	<b>120-121 hours</b>

#### Plan for Registered Nurses (RN-BSN-MSN)

The Department of Baccalaureate and Graduate Nursing offers the opportunity for registered nurses to earn both the baccalaureate and masters degree in nursing. Admission requirements include an Associate Degree in Nursing (or 3 year diploma program), and a current free and unrestricted R.N. license in Kentucky. Students who are interested in continuing in the M.S.N. program after completion of the B.S.N. should take the Graduate Record Examination or Miller Analogies Test and make application for graduate studies during the senior year. Students must complete the B.S.N and be admitted to graduate studies to continue into the M.S.N. program.

### NURSING POST RN OPTION (RN-BSN)

*CIP Code: 51.1601.02*

<b>Major Requirements.....</b>	<b>48 hours</b>
NSC 340(2), 381(5), 385(5)**, 390(2), 440, 442(5), 445(2), 486(5).	
**Upon successful completion of NSC 385, the RN is granted credit for NSC 380, 386, and 484 (19 hrs.).	
<b>Supporting Requirements.....</b>	<b>9 hours</b>
STA 215 or STA 270, BIO 171 and BIO 301.	
<b>General Education Requirements.....</b>	<b>39 hours</b>
Standard general education program, excluding blocks VI, VII (QS), and VIII (6 hours). Take an additional 3 hours in block VII or VIII in lieu of Block VI. Refer to Section Four of this <i>Catalog</i> for details on the General Education and University requirements.	
<b>Free Electives.....(as needed to complete 120 hours)</b>	
<b>Minimum Total Degree Requirements*.....</b>	<b>120 hours</b>

\*Degree requirements will include transfer courses, support courses, major requirements, General Education requirements and University requirements that will total a minimum of 120 hours.

#### Plan for B.S.N. Second Degree Option

The Department of Baccalaureate and Graduate Nursing offers students who already hold a non-nursing bachelor's degree from a regionally accredited institution the opportunity to complete the Bachelor of Science in Nursing degree in an accelerated

program of study. Second degree students must have completed supporting course requirements (BIO 171, 273 or CLT 209, BIO 301, NFA 201, and STA 215 or approved substitutions) prior to admission to the Second Degree Option nursing major. Students with a non-nursing bachelor's degree who apply for admission are admitted as pre-nursing second bachelor's degree majors. Admission as a pre-nursing second bachelor's degree student does not guarantee admission to the B.S.N. Second Degree Option major. Classes are admitted each fall semester. Spaces are limited and admission is competitive and based on a review of all required material and the entire academic history.

For additional admission information please refer to the Selection Criteria at: <http://www.bsn-gn.eku.edu/bsn.php>

### NURSING (B.S.N.) SECOND DEGREE OPTION

*CIP Code: 51.1601.01*

<b>Major Requirements.....</b>	<b>64 hours</b>
NSC 232, 252, 330, 332(2), 350, 380(4), 386(10), 390(2), 392(5), 396(7), 480, 484(5), 486(5), 492(5), 495(2), 496(2).	
<b>Supporting Course Requirements.....</b>	<b>15-16 hours</b>
BIO 171, 273(4) or CLT 209, BIO 301, NFA 201, STA 215 or approved substitutions.	
<b>General Education Requirements.....</b>	<b>0 hours</b>
All general education and University requirements are met with prior Bachelor's degree from a regionally accredited institution.	
<b>Total Curriculum Requirements.....</b>	<b>79-80 hours</b>

## DEPARTMENT OF CLINICAL LABORATORY SCIENCE

#### Acting Chair

**Mr. Worley Johnson**  
(859) 622-3078  
Dizney 220

#### Faculty

**P. Campbell, D. Hufford, S. Noblitt and P. Wynd.**

#### **Clinical Laboratory Science (CLS) Program**

All students who are admitted to the University by the EKU Admissions Office and declare their major as clinical laboratory science (CLS) are assigned pre-CLS major status. Admission to the upper-division CLS program requires an overall grade point average (GPA) of 2.5 with a grade of “C”/2.0 or better in each of the required supporting courses. Transfer students must maintain a GPA of 2.5 in courses at EKU as well as an overall GPA of 2.5 for admission to the upper division program.

Students who meet the upper division program requirements will be accepted within the enrollment limits determined by the number of practicum openings. The department reserves the right to accept only the best qualified applicants who meet the upper division program requirements.

#### **Clinical Laboratory Technology (CLT) Program**

All students must be admitted to the University by the EKU Admissions Office and declare their major as clinical laboratory technology (CLT). For admission to the CLT program, a high

school graduate must meet a minimum of two of the following three criteria:

1. ACT minimum standard score of 18.
2. Minimum high school grade point average (GPA) of "B."
3. Projected rank of upper third of high school graduating class.

Students who meet the minimum criteria will be accepted into the program within the enrollment limits determined by the number of practicum openings. The department reserves the right to accept only the best qualified applicants who meet the minimum criteria. While awaiting acceptance, students will be assigned pre-CLT major status.

Students who are transfers or changes of major must have attained a minimum GPA of 2.25 overall on a minimum of 12 hours attempted. Any transfer student not having the minimum GPA will be assigned to the pre-CLT major until the minimum GPA is attained.

**Progression Policy**

The Department of Clinical Laboratory Science limits the number of major courses which may be repeated. Students are allowed only one repeat per major course and a total of not more than two repeats in all major courses combined. In addition, a supporting course may usually be repeated only once.

To remain in the upper division CLS program, a student must maintain an overall GPA of 2.5 with a grade "C"/2.0 or better in each of the supporting and major courses of the curriculum.

A GPA of 2.25 is required to remain in the CLT program. In addition, students must earn a grade of "C"/2.0 or better in each of the major and supporting courses of the CLT curriculum. Students not meeting the minimum requirements will be assigned pre-CLT major status and have the opportunity to enroll in general education and supporting courses in order to establish an acceptable GPA.

**Baccalaureate Degree**

**CLINICAL LABORATORY SCIENCE (B.S.)**

*CIP Code: 51.1005*

- Major Requirements.....57 hours**  
CLS 201, 300(2), 303(1), 305(2), 308(2), 309(1), 310(5), 320, 346(5), 350(5), 355(4), 431, 432(5), 434(4), 436(1), 437, 438(4), 439(1), 440(2), and 441(1).
- Supporting Course Requirements.....28 hours**  
BIO 121(4), 301/378(1) or 348(4), CHE 111/111L(1), 112/112L(1), CLS 290, MAS 200, CIS 212 or CSC 104, and MAT 107.
- General Education Requirements .....30 hours**  
Standard General Education program, excluding blocks II, IVA, IVB, VII (QS) and VIII (6 hours). Refer to Section Four of this *Catalog* for details on the General Education and University requirements.
- University Requirement .....1 hour**  
HSO 100.
- Free Electives.....4 hours**
- Total Curriculum Requirements .....120 hours**

**Associate Degree**

**CLINICAL LABORATORY TECHNOLOGY (A.A.S.)**

*CIP Code: 51.1004*

- Major Requirements.....30 hours**  
CLT 201(1), 202, 203, 204(2), 205(7), 206(6), 207(2), 208(1), 209 and 211(2).
- Supporting Course Requirements .....23 hours**  
BIO 121(4), 348(4) or 301/378(1), CHE 111/111L(1), 112/112L(1), CHS 105(1), CIS 212 or CSC 104, and MAT 107.
- General Education Requirements .....12 hours**  
Three hours general education humanities, three hours social science, and six hours of English composition.
- University Requirement .....1 hour**  
HSO 100.
- Total Curriculum Requirements .....66 hours**

**DEPARTMENT OF ENVIRONMENTAL HEALTH SCIENCE**

**Acting Chair**

**Mr. Worley Johnson**  
**(859) 622-3078**  
**Dizney 220**

**Faculty**

**D. Barnett, J. Beck, G. Brown, C. Harvey, D. Harper, W. Johnson, S. Konkell, and S. Pressley**

The Environmental Health Science program offers the Bachelor of Science degree. Established in the early 1970's, the program is currently the state's only accredited program and one of only 30 such programs in the United States accredited by the National Environmental Health Science and Protection Council. The program includes extensive study of the physical, chemical and biological threats to human health and focuses on both engineered barriers and behavioral changes required for protecting and enhancing human health. The program includes general education and support courses in biology, chemistry, and mathematics, plus a variety of environmental health courses dealing with air quality, water quality, wastewater disposal and treatment, hazardous and solid waste management, risk assessment and epidemiology, industrial hygiene, control of disease vectors, food hygiene, radiological health, environmental health program planning and law, and toxicology. During upper division study, the student must complete six credit hours of supervised field experience with appropriate agencies, industries, consulting companies, etc. Also, cooperative education opportunities are available to all students who may wish to gain experience in addition to credit hours.

Eastern Kentucky University's Environmental Health Science graduates are qualified for positions with federal, state, and local government departments of environmental health, as well as public health protection agencies such as the United States Public Health Service, the Environmental Protection Agency, Food and Drug Administration, Department of Energy, and Occupational Safety and Health Administration. Graduates are also qualified for



employment in private industry and environmental consulting firms. This work may include quality control, industrial hygiene and safety, loss control and risk assessment, or many other facets of environmental health consultation. The demand for qualified environmental health practitioners is currently high and exceeds the number of graduates from accredited programs and projected to increase over the next decade.

#### Progression Criteria

A student majoring or minoring in environmental health science must achieve a grade of “C”/2.0 or better in all EHS and supporting courses.

### Baccalaureate Degree

#### ENVIRONMENTAL HEALTH SCIENCE (B.S.)

*CIP Code: 51.2202*

<b>Major Requirements</b> .....	<b>46 hours</b>
EHS 280, 285(1), 300(4), 330, 335, 340, 360(4), 370, 380, 410, 425, 440, 460, 463(6), and 485(1).	
<b>Supporting Course Requirements</b> .....	<b>40-41 hours</b>
AGR 215, BIO 121(4), 301, 320(4) or CLT 209 and CLT 211 (2); CHE 111/111L(1), 112/112L(1), 361, 361L; GEO 353; STA 215; MAT 107 or 109 or 261; and PHY 131(5).	
<b>General Education Requirements</b> .....	<b>30 hours</b>
Standard General Education program, excluding blocks II, IVA, IVB, VII (QS) and VIII (6 hours). Refer to Section Four of this <i>Catalog</i> for details on the General Education and University Requirements.	
<b>University Requirement</b> .....	<b>1 hour</b>
HSO 100.	
<b>Free Electives</b> .....	<b>10-11 hours</b>
<b>Total Curriculum Requirements</b> .....	<b>128 hours</b>

### Minor

#### MINOR IN ENVIRONMENTAL HEALTH SCIENCE

A student may minor in environmental health science by completing, with a grade of “C” or better, EHS 280, 330, 380, and an additional nine hours selected from EHS courses with advisor approval for a minimum of 18 hours.

## DEPARTMENT OF EXERCISE AND SPORT SCIENCE

#### Chair

**Dr. Jack Rutherford**  
(859) 622-1887  
Moberly 231

#### Faculty

**H. Adams-Blair, R. Crist, L. DeBolt, J. Ferguson, E. Fuchs, J. Hinerman, J. Larkin, W. Johnson, M. McAdam, E. McMahan, L. Mrkic, J. Rutherford, M. Smith and T. Spigelman**

The Department of Exercise and Sport Science offers Bachelor of Sciences degrees in Athletic Training, Sport Management, and Physical Education with three program options:

General, Teaching P-12, and Fitness and Wellness Management. The department also offers a Minor in Dance (non-teaching), a Minor in Physical Education (non-teaching), and a Minor in Coaching (non-teaching).

Students who transfer from another college or university must earn a minimum of 12 hours at EKU in their major. Students who transfer from another college or university must earn a minimum of six hours at EKU in their minor.

#### **Pre-Athletic Training**

Students who want to apply for admission to the professional program in Athletic Training should enroll as a pre-athletic training student within the Department of Exercise and Sport Science in the fall of the freshman (or first) year at Eastern Kentucky University. Students may make formal application for admission to the Athletic Training Education Program (ATEP) after successful completion of the pre-athletic training requirements.

Students are expected to complete the pre-athletic training program during the first two semesters on campus and formally apply for admission during the spring semester of the freshman year. Transfer students with 30 or more transferring credit hours (100 level or higher) who meet the admission requirements may apply for admission into the ATEP at the time they are accepted to the University. The number of admissions annually is limited and completion of the pre-athletic training requirements does not automatically ensure acceptance into the ATEP. Should the number of qualified applicants exceed the number of clinical spaces available, the procedure for determining which students are accepted is described in the Athletic Training Student Handbook.

#### **Athletic Training**

The Athletic Training Education Program (ATEP) at Eastern Kentucky University is currently accredited by the Commission on Accreditation of Athletic Training Education (CAATE). The program utilizes a continuum of didactic and clinical experiences, as set forth in the CAATE Standards and Guidelines for the Athletic Trainer, to prepare the student as an entry-level Athletic Trainer. Upon successful completion of the program, the student will have the knowledge base and clinical skills required for challenging and passing the Board of Certification Examination.

The professional phase of the Athletic Training Major consists of six semesters of academic course work and clinical practicum courses. Clinical practicum experiences will occur within the University’s NCAA Division I-A (Football Division I-AA) athletics program, area high schools and sports medicine clinics, selected University of Kentucky athletics programs, and other off-campus general medical and clinic rotation sites selected by the ATEP. Transportation to all off campus clinical sites, as well as any specific requirements of the clinical site (e.g. immunizations, uniforms, etc.) is the responsibility of the student. All students accepted into the professional program must show proof of current health provider CPR certification and first aid and professional liability insurance annually. Students are required to be involved in professional athletic training organizations at the local, state, and national level. All of these requirements are explained further in the Athletic Training Student Handbook, which is provided to all prospective students and reviewed during ATR 100 by the program director as part of the course. This handbook is available from the program director upon request.

Curriculum requirements, including admissions requirements, may change as needed to comply with current accreditation,

college, and/or university standards. Students seeking admission or admitted to the program are advised to keep themselves adequately informed of changes in order to complete requirements in a timely manner. Information on curricular changes will be announced in advance by the Department, and will be published in Department publications and/or the Athletic Training Student Handbook. These may be obtained from the Department office and/or the Director of the ATEP.

All ATEP requirements, including course and clinical requirements, admissions, retention, and graduation requirements may change as needed to comply with current accreditation, college, and/or university standards. Students seeking admission to the ATEP are advised to keep themselves adequately informed of revisions in order to complete requirements in a timely manner. Information pertaining to revisions in the ATEP will be announced in advance by the Department and the ATEP and will be published in the Athletic Training Student Handbook and on the Athletic Training website. The ATEP Student Handbook may be obtained from the Director of the ATEP or found in the Student Handbook. For additional information regarding the ATEP application process, admissions, retention, graduation criteria, the transfer policy, clinical education guidelines and policies, or information on scholarship opportunities for students matriculating through the program, please refer to the ATEP website at [www.athletictraining.eku.edu](http://www.athletictraining.eku.edu).

**Admission Requirements and Procedures**

Admission to the Athletic Training Education Program at Eastern Kentucky University is competitive and should not be confused with admission to the University, College, or Department. The program requirements that must be met prior to application are as follows:

1. Must have earned a minimum of 30 semester hours (100 level or higher) prior to acceptance.
2. Must have a minimum cumulative GPA of 2.5 on a 4.0 scale.
3. Successful completion (minimum grade of “C” of the pre-athletic training program courses: ATR 100, BIO 171, 271, EMC 102 (and/or have current CPR-PR and First Aid certification), and PHE 212.
4. Any developmental course requirements must have been completed at the time of application. For transfer students, any University developmental course requirements determined after admission must have been completed prior to admission into the Athletic Training Education Program. Additional information on transfer student policy is posted on the ATEP website.
5. Documentation of ability to successfully meet the Technical Standards of the Athletic Training Education Program and provide evidence of a completed Athletic Training Education Program physical examination and evidence of immunization/vaccination as outlined in the Athletic Training Student Handbook.

Students are required to complete and submit the application form and other application materials for the Athletic Training Education Program during the spring semester. Application materials can be obtained from the Director of the ATEP and will also be available online.

**Program Admission Impaction**

Should the number of qualified applicants exceed the number of clinical placements available in the professional athletic training education program, the candidates will be ranked via the admission scoring rubric found in the Athletic Training Student Handbook

and the ATEP website and admitted to the program in rank order of score according to the rubric.

**Progression and Retention in the Athletic Training Program**

After admission to the ATEP students will be evaluated, both academically and clinically, each semester. Students must have satisfactory academic and clinical practicum evaluations (2.5 cumulative GPA, with a “C” or higher in all major and supporting courses, including a “B” or higher in all practicum courses) to progress to the subsequent level of the program. If evaluations or grades are unsatisfactory, the student will be placed on academic probation and given one semester to improve in these areas to a satisfactory level. Two successive unsatisfactory semester evaluations or two semesters below a 2.5 GPA will result in dismissal of the student from the program. Students must provide evidence of CPR-PR and First Aid Certification annually while in the professional program.

**Sport Management**

The major in Sport Management is designed to prepare the student for financial and administrative careers within recreational and professional sports programs, fitness centers, and other sport related organizations. The complexities and challenges of sports at all level require a well-prepared individual with qualifications in such diversified responsibilities as sports programming, supervision, management, facility planning, promotions, and purchasing.

The Sport Management major provides a quality educational experience that will prepare the student in a unique way for a career in the rapidly evolving arena of sport. This experience will be as unique as Eastern itself. Students will receive cutting-edge instruction in a practical major of study that will culminate in an internship experience giving the student the “hands-on” experience necessary to secure employment within the industry. The internship courses are offered cooperatively with a variety of sport organizations, including professional sports teams, college athletic departments, and community organizations, or by direction of the student.

Students majoring in Sport Management are strongly encouraged to also declare a minor in Business and take the additional nine hours required for the additional program.

**Baccalaureate Degrees**

**ATHLETIC TRAINING (B.S.)**

*CIP Code: 51.0913*

<b>Major Requirements.....</b>	<b>64 hours</b>
ATR 100 (2), 201, 202, 211 (4), 212 (4), 221 (1), 301, 302, 311 (4), 312 (4), 322, 398(4), 401, 402, 411, 412, 421 (2), PHE 212, 320, 325, and 407; current CPR-PR, first aid certification, and service point requirement met at time of graduation.	
<b>Supporting Course Requirements.....</b>	<b>16 hours</b>
BIO 171, 271, 301, 378 (1), EMC 102, and PHE 180.	
<b>General Education Requirements .....</b>	<b>39 hours</b>
Standard General Education Program, excluding blocks VI and VIII (6 hours). Refer to Section Four of this <i>Catalog</i> for details on the General Education and University Requirements.	
<b>University Requirement .....</b>	<b>1 hour</b>
HSO 100.	
<b>Total Curriculum Requirements .....</b>	<b>120 hours</b>

**PHYSICAL EDUCATION (B.S.)***CIP Code: 13.1314*

<b>Major Requirements</b> .....	<b>45-49 hours</b>
<b>Core</b> .....	<b>25-28 hours</b>
PHE 201, 212, 315, 320, 325, 407, 562, 575; PHE 241(1) or 313(2), 340, or Red Cross Lifeguard Certification; current CPR certification at time of graduation; and each student must complete one of the following options:	
<b>Options</b> .....	<b>15-21 hours</b>
<b>General (Non-Teaching)</b> .....	<b>20 hours</b>
PHE 301, 327, 383(1), 400, 423, one class from PHE 224 or 305, and two classes from PHE 261(2), 360(2), 361(2), 362(2), and 420(2).	
<b>P-12 Teaching</b> .....	<b>21 hours</b>
PHE 224, 300, 305, 310, 323, 415, 467.	
<b>Fitness and Wellness</b> .....	<b>15 hours</b>
PHE 430, 433, 435, 472(6)*.	
<b>Supporting Course Requirements</b> .....	<b>17-37 hours</b>
<b>All Options</b> .....	<b>9 hours</b>
BIO 171 and 301; CIS 212 or CSC 104.	
<b>General (Non-Teaching)</b> .....	<b>8 hours</b>
REC 102, PHE 180, HEA 202(2).	
<b>Fitness and Wellness</b> .....	<b>18 hours</b>
NFA 201 and 517; REC 102 or 290, current first aid certification at time of graduation. Select six hours from HEA 315, 380, 480. Select three hours from MGT 301, MKT 301, PHE 530.	
<b>Professional Education Requirements (P-12 Teaching Option)</b> .....	<b>28 hours</b>
EDF 103, 203, 319, ESE 566, EME 465, ESE 490, and EMS 499.	
<b>General Education Requirements</b> .....	<b>36-39 hours</b>
Standard General Education program, excluding blocks VI (Physical Fitness & Wellness and General [Non-Teaching] Option only), VII (QS) and VIII (6 hours). Refer to Section Four of this <i>Catalog</i> for details on the General Education and University Requirements.	
<b>University Requirement</b> .....	<b>1 hour</b>
HSO 100.	
<b>Free Electives</b> .....	<b>0-21 hours</b>
<b>General (Non-Teaching)</b> .....	<b>18-21 hours</b>
<b>Fitness and Wellness</b> .....	<b>10-13 hours</b>
<b>Total Curriculum Requirements</b> .....	<b>120-126 hours</b>

\*Students are required to document a minimum of fifty (50) hours of appropriately related experiences prior to enrolling in PHE 470/472.

**SPORT MANAGEMENT (B.S.)***CIP Code: 31.0504*

<b>Major Requirements</b> .....	<b>30 hours</b>
PHE 201, 322, 324, 327, 328, 400, 423, 470*, and 530.	
<b>Supporting Course Requirements</b> .....	<b>18 hours</b>
GBU 204, ACC 201, MGT 300 (for business minors) or MGT 301, MKT 300 (for business minors) or MKT 301, ECO 230, and CIS 212.	
<b>General Education Requirements</b> .....	<b>42 hours</b>
Standard General Education Program, excluding blocks VII (QS) and VB. Refer to Section Four of this <i>Catalog</i> for details on the General Education and University	

Requirements.

<b>University Requirement</b> .....	<b>1 hour</b>
HSO 100.	
<b>Free Electives</b> .....	<b>29 hours</b>
<b>Total Curriculum Requirements</b> .....	<b>120 hours</b>

\*Students are required to document a minimum of fifty (50) hours of appropriately related experiences prior to enrolling in PHE 470.

**Minors****MINOR IN COACHING (NON-TEACHING)**

<b>Minor Requirements</b> .....	<b>19 hours</b>
PHE 212, 301, 383(1), 423; HEA 202(2); two classes from PHE 261(2), 360(2), 361(2), 362(2), 420(2); one class from PHE 224, 305. Current CPR certification required at the time of graduation.	

**MINOR IN DANCE (NON-TEACHING)**

This minor offers students a chance to expand their knowledge of dance and improve their dance skills while in college. Students may also be able to use this knowledge within many job fields such as nursing, physical therapy, psychology, wellness, health education and recreation just to name a few. The electives allow a student to tailor the program to their own needs.

<b>Minor Requirements</b> .....	<b>20 hours</b>
PHE 200, 300*, 345(2), and PHE 250(1)/350(1)/450(1) Modern Dance I, II, III (min 3, max 6) and six-nine hours electives from the following: PHE 214(1), 230(1), 271(1), 314(1), 330(1), 355(1), 418, 435, 471, or KHP 396 (at UK).	

\*PHE 300 must be completed prior to the University of KY's KHP 396.

**MINOR IN DANCE CERTIFICATION (TEACHING)**

The Dance Certification Minor\*\*\* is designed for students who are already in a Teacher Education Program as a chance to add a Dance Certification to their degree. With an additional 23 hours, students will gain the knowledge necessary to effectively teach the Dance Core Content and Program of Studies in the schools as mandated by the state of KY and tested by the CATS exams. Teachers will find that they will be able to use dance to teach concepts in other core content areas or to teach dance for its own value. Since the state of KY has few trained dance specialists, this certification will be an asset to those graduates seeking a teaching job. To be recommended for certification at the completion of the program, candidates must be eligible for initial teaching certification prior to making application for the dance restricted base certificate. An overall program GPA of 2.5 or higher is required for certification.

<b>Minor Requirements</b> .....	<b>23 hours</b>
PHE 200, 250(1), 300* with a grade of "C" or higher, 345(2), 355(1), 471**, 418, KHP 396* (taken at University of Kentucky); 3 hours from skills courses PHE 390 (dance classes), PHE 214(1), 230(1), 271(1), 314(1), 330(1), 350(1), or 450(1).	

\*PHE 300 and two hours of skills courses must be completed prior to enrolling in KHP 396.

\*\*Must have PHE 300 and KHP 396 before enrolling in PHE 471.

\*\*\*Must meet College of Education Teacher Education Program requirements.

### MINOR IN PHYSICAL EDUCATION (NON-TEACHING)

#### Minor Requirements.....18 hours

Six hours from PHE 201, 212, 301, 315, 320, 325, 407, 423, 467, 562, 575; and six hours skill courses from the following: PHE 220(2), 224, 241(1), 250(1), 300, 305, 306, 340, 345(2), 365(2), 435, 450(1); three hours approved by the department chair.

## DEPARTMENT OF FAMILY AND CONSUMER SCIENCES

### Chair

**Dr. Diane Leggett**  
(859) 622-3445  
Burrier 102

### Faculty

**D. Bush, E. Eliassen, L. Gannoe, J. Haynes, J. Jensen, S. Kipp, D. Leggett, C. Patrick, C. Schmelzer, S. Sutton, M. Ware, O. Weeks, and M. Wilson**

The Department of Family and Consumer Sciences is accredited by the Council for Accreditation of the American Association of Family and Consumer Sciences. The Department offers four Bachelor of Science (B.S.) degree programs. These are General Dietetics; Family and Consumer Sciences Education; Child and Family Studies with options in Child Development, Family Studies, Interdisciplinary Early Childhood Education, and Apparel Design and Merchandising. The Associate of Applied Science (A.A.S.) is available in Early Childhood Development. Minors are offered in: Apparel Design and Merchandising, Child and Family Studies, Family and Consumer Sciences, Foodservice Administration, and Nutrition. Information on the Master of Science (M.S.) in Community Nutrition and the Master of Arts in Teaching (M.A.T.) for Family and Consumer Sciences Education may be found in the 2010-11 ECU Graduate Catalog. Students following a first or second major, minor or associate degree must maintain a "C" average in departmental courses (ADM, CDF, FCS, FRM, NFA prefixes). Certain degree programs may have a higher GPA requirement.

The mission of the Department of Family and Consumer Sciences is to provide excellent teaching, service, and scholarship to prepare professionals and leaders who improve the quality of individual, family, and community life.

Academic goals for the Department are to: 1) provide high quality, accredited, and approved programs at the undergraduate and graduate levels; 2) support the student in the development of professional knowledge and skills; 3) address societal needs by improving the quality of individual, family, and community life through service; 4) provide opportunities for career mobility and continuing education for professionals in Family and Consumer Sciences; 5) develop and expand the knowledge base in Family

and Consumer Sciences; and 6) encourage and provide experiences that enhance interdisciplinary and integrative learning.

### Professional Liability Insurance

Students enrolling in the following classes — CDF 235, 236, 246, 299, 327, 343, 344, 346, 349, 351, 443, 450, 499, 541, 544, FCS 330B, 330C, 330D, 349, NFA 326, 349, 830, 831, and 835 in the Department of Family and Consumer Sciences — are required to register for student Professional Liability Insurance. This fee is listed in each semester's schedule of classes. Please see the section on Student Liability Insurance for the College of Health Sciences.

### Criminal Records

Students are required to observe and/or interact with young children or school age children in a number of courses offered by the department. Therefore, students enrolled in these courses — CDF 235, 236, 246, 299, 327, 343, 344, 346, 351, 443, 450, 499, 541, 544 — must have a criminal record check and child abuse neglect (CAN) check performed. Students with a criminal or CAN record may be required to drop the course and select another major.

### Tuberculosis (TB) Skin Tests

Students are required to observe and/or interact with young children or school age children in the following courses — CDF 235, 236, 246, 299, 327, 343, 344, 346, 351, 443, 450, 499, 541, 544. Therefore, students enrolled in these courses are required to submit a negative TB test. Students will be permanently disenrolled from the course if the negative tests results are not submitted by the deadline.

### Accreditations

The Department of Family and Consumer Sciences has several accreditations. All B.S. degrees are accredited by the Council for Accreditation of the American Association of Family and Consumer Sciences. The Burrier Child Development Center is accredited by the National Association for the Education of Young Children. The B.S. degree in Dietetics is also accredited by the Council on Accreditation for Dietetics Education of the American Dietetics Association. The dietetic internship offered as part of the M.S. degree in Community Nutrition is accredited by the Council on Accreditation for Dietetics Education of the American Dietetics Association.

## Baccalaureate Degrees

### APPAREL DESIGN AND MERCHANDISING (B.S.)

**AREA MAJOR**  
CIP Code: 52.1902

### Program Objectives

Upon completion of a degree in Apparel Design and Merchandising graduates will be able to: 1) assess cultural and economic influences on the textiles/apparel business and consumer; 2) apply design principles to visual merchandising and/or apparel design projects; 3) develop and evaluate apparel and textile products; 4) acquire and analyze information about consumers and their behavior; and 5) acquire and practice professional behaviors in order to communicate effectively with diverse groups. Graduates are prepared to work in a variety of merchandising and design positions. Recent graduates have been employed in retail management, technical design, visual

merchandising, and theatrical costume design. Metropolitan areas provide the most job opportunities. Entry level positions include management trainee, assistant manager, and design assistant. Two years after graduation students can expect to be employed in positions such as retail manager, district supervisor of stores, technical designer, design journeyman, and visual merchandiser.

**Major Requirements.....50 hours**  
ADM 102, 119, 201, 210, 300, 302, 310, 313, 349 (2)\*\* or FCS 330A (2)\*\*, 413, ADM 414 (6), CDF 132, FCS 400, FRM 352; ADM 319 and 339 or ADM 312 and 412.

**Supporting Course Requirements.....16 hours**  
CHE 101/107, ECO 230, PSY 200, MGT 301 and MKT 301 or THE 220 and 320.

**General Education Requirements ..... 39 hours**  
Standard General Education program, excluding blocks IVB, VB, and VC. Refer to Section Four of this *Catalog* for details on the General Education and University Requirements.

**University Requirement ..... 1 hour**  
HSO 100.

**Free Electives.....14 hours**

**Total Curriculum Requirements .....120 hours**

\*\*ADM 349/FCS 330A—two hours at sophomore level.

### CHILD AND FAMILY STUDIES (B.S.) AREA MAJOR

*CIP Code: 19.0701*

#### Program Objectives

Upon completion of a degree in Child and Family Studies graduates will be able to: 1) assess developmental, political, social, cultural, economic and technological influences on the well-being and diversity of individuals, families and communities; 2) design and implement a range of services for individuals, children and families; 3) utilize and interpret appropriate individual, family and program evaluation measures; 4) access community resources and collaborate with community agencies/services; and 5) evaluate and monitor their professional development. The Child Development option prepares graduates to teach or direct in any private early childhood program (birth to five). Graduates may also be employed as a trainer for resource and referral agencies or serve as Education Coordinator in private early childhood facilities. The Family Studies option prepares graduates to work with individuals and families in a variety of social service settings. Positions are available in family resource centers, community agencies, profit and non-profit organizations that provide services for children, youth, adults and families. The Interdisciplinary Early Childhood Education option leads graduates to Kentucky public school certification for teaching children birth through age five. Graduates learn to prepare individual education plans for children who experience developmental delays and support plans to assist families of those children. IECE majors will teach in private agencies serving infants to two years and public school settings (Pre-K, three and four year olds, and kindergarten not connected with primary programs for first through third grade). To be granted a degree in Child and Family Studies students must have a "C" or better in all CDF courses.

**Major Requirements.....33-51 hours**

**Core .....24 hours**  
CDF 132, 235, 236, 327, 437, FCS 400, NFA 317, and SWK 456.

**Options .....12-27 hours**

**Child Development\*.....27 hours**  
CDF 246, 343, 344, 346, 450 (9)\*\*, 538, 547.

**Family Studies .....27 hours**  
CDF 232, 243, 331, 342 or 441, 424, 443 (9)\*\*, 538.

**Interdisciplinary Early Childhood\* .....12 hours**  
CDF 246, 343, 344, 346.

**Minor Requirements.....18 hours**

**Interdisciplinary Early Childhood Education .....18 hours**  
(Minor in Special Education)  
CDS 360, SED 341, 352, 436, 504, 518.

**Supporting Course Requirements .....6-15 hours**

**Child Development.....15 hours**  
CSC 104 or CIS 212, SED 504, 518, OTS 515, NSC 500.

**Family Studies .....6 hours**  
FRM 352, CSC 104 or CIS 212.

**Interdisciplinary Early Childhood .....9 hours**  
CSC 104 or CIS 212, OTS 515, NSC 500.

**Professional Education Requirements .....19 hours**

**Interdisciplinary Early Childhood Option only**  
EDF 103 (1), 203, ELE 519 and CDF 499 (12). (Students must follow admission requirements for professional education. See College of Education, section regarding teacher admission and certification.) (EDF 319 met with major; EDF 413 met with SED 352; SED 401 or 401S met with special education minor.)

**General Education Requirements .....45 hours**  
Standard General Education Program, excluding block VII (QS). Refer to Section Four of this *Catalog* for details on the General Education and University Requirements.

**University Requirement .....1 hour**  
HSO 100.

**Free Electives.....0-17 hours**

Child Development .....7-8 hours  
Family Studies.....17 hours  
Interdisciplinary Early Childhood.....10 hours

**Total Curriculum Requirements .....120-128 hours**

\* Transfer students may be required to take CDF 299 (1).

\*\* CDF 443 and 450 require a 3.0 GPA in major requirements prior to enrolling.

### FAMILY AND CONSUMER SCIENCES EDUCATION (TEACHING) (B.S.)

*CIP Code: 13.1308*

#### Program Objectives

Upon completion of a degree in Family and Consumer Sciences, graduates will be able to: 1) develop conceptual understanding of child and family studies, nutrition, textiles apparel design, resource management, housing and design; 2) develop professional attitudes and behaviors based on the history and mission of the Family and Consumer Sciences discipline; and 3) develop effective pedagogical skills and dispositions that are highly contextualized for FCS classrooms. Graduates are prepared to teach in both middle and high school and possess excellent qualifications for working with 4-H youth or in FCS educator positions with the USDA Cooperative Extension Service. The demand for Family and Consumer Sciences teachers and extension agents is high due to current and projected shortages.

**Major Requirements.....42 hours**

CDF 132, 235; and six hours from CDF 232 or 236 or 331 or 342; FCS 320, 400, FRM 352, NFA 121, 201, 321, ADM 102, 201; and 3 hours in ADM; and 3 hours Family and Consumer

Sciences Electives.

**Supporting Course Requirements.....7 hours**

BIO 301, CHE 105/107(1).

**Professional Education Requirements .....35 hours**

EDF 103 (1), 203, 319, 413; ESE 490, 499 (12), 553 (4), and 574; SED 401 or 401S. (Students must follow admission requirements for professional education. See College of Education, section regarding teacher admission and certification.)

**General Education Requirements .....42 hours**

Standard General Education program, excluding blocks IVB and VII (NS). Refer to Section Four of this *Catalog* for details on the General Education and University requirements.

**University Requirement .....1 hour**

HSO 100.

**Free Elective .....1 hour**

**Total Curriculum Requirements .....128 hours**

Successful completion of the PRAXIS Examination is required for graduation.

## GENERAL DIETETICS PROGRAM

The dietetics program leads to a baccalaureate degree in General Dietetics. The undergraduate program in dietetics is accredited by the Commission on Accreditation of Dietetics Education (CADE), which is an arm of the American Dietetic Association. Upon completion of the BS in General Dietetics, the student will be issued a Verification Statement which makes the graduate eligible to apply for and complete an Accredited Dietetic Internship. Most internship programs are 9-12 months long and include supervised practice in all areas of the dietetics profession. Some internships are included within a Master's Degree program and are therefore generally 2 years long. Once the Dietetic Internship has been successfully completed, the student is eligible to take the national registration exam to become a registered dietitian (RD). Upon successful completion of the RD Exam, the student is then a Registered Dietitian.

### Admission and Progression Requirements

All students who are accepted by EKU's Admissions Office and declare their major as dietetics are admitted to the University as pre-dietetics majors. However, admission to the pre-dietetics program does not guarantee admission to the dietetics program. To be admitted to the dietetics program the following criteria must be met: (1) complete a minimum of 45 semester hours; (2) attain a minimum cumulative GPA of 2.75 on a 4.0 scale; (3) earn a "C" or better in CHE 101/107 and 102 or their equivalents if taken at another school; (4) earn a "B" or better in NFA 121, 201, and 202. Once these requirements have been met, the student must apply to the Dietetics Program Director for a change from the pre-dietetics program to the dietetics program. No 400-level NFA courses may be taken prior to being admitted to the dietetics program.

After admission to the dietetics program the student must meet the following criteria to receive a BS Degree and be granted a verification statement: (1) attain a minimum cumulative GPA of 3.0 on a 4.0 scale; (2) earn a "C" or better in all major and supporting courses (other than those NFA courses in which a "B" or better is required per admission criteria).

## GENERAL DIETETICS (B.S.) AREA MAJOR

*CIP Code: 19.0501*

### Program Objectives

Upon completion of a degree in General Dietetics, graduates will be able to: 1) succeed in one or more of the following: a graduate program related to dietetics, an accredited Dietetic Internship, or employment in dietetics or a related field; 2) exhibit competent professional practice in all areas of the basic foundation knowledge and skills necessary for entry-level dietetics practitioners; 3) demonstrate a commitment to service by participating in service activities to the region and profession; and 4) develop skills for providing comprehensive food and nutrition services in a variety of settings. Employment opportunities are available in hospitals, foodservice or public health and wellness programs. After completing the degree, students may consider applying for a Dietetic Internship in order to sit for the Registered Dietitian (RD) exam.

**Major Requirements.....59-60 hours**

CDF 132, FCS 303, 400, FRM 352, NFA 121, 201, 202; NFA 301; NFA 317, 321, 323, 325, 326, 344; NFA 349 (1) or FCS 330D (1); NFA 401, 402, 403, 404, 411, 415 (2), 445.

**Supporting Course Requirements .....27 hours**

BIO 273; BIO 301; CHE 101/107, 102; HEA 350 or STA 215\*; CIS 212 or CSC 104; ACC 201 or 550; PSY 200.

**General Education Requirements .....33 hours**

Standard General Education program, excluding blocks IVB, VB, VII (QS) and VIII (6 hours). Refer to Section Four of this *Catalog* for details on the General Education and University Requirements.

**University Requirement .....1 hour**

HSO 100.

**Total Curriculum Requirements.....120-121 hours**

\*Cannot be used for general education

To be granted a degree in the General Dietetics Program the student must: (1) attain a minimum cumulative GPA of 3.0 on a 4.0 scale and (2) earn a "C" or better in all major and supporting courses (other than those NFA courses in which a "B" or better is required for admission criteria).

## Associate of Applied Science Degree

### EARLY CHILDHOOD DEVELOPMENT (A.A.S.)

*CIP Code: 19.0709*

### Program Objectives

Upon completion of a degree in Early Childhood Development, graduates will be able to: 1) assess developmental, political, social, cultural, economic and technological influences on the well-being and diversity of individuals, families and communities; 2) design and implement a range of services for individuals, children and families; 3) utilize and interpret appropriate individual, family and program evaluation measures; 4) access community resources and collaborate with community agencies/services; and 5) evaluate and monitor their professional development. Graduates are prepared to teach or assist in programs for pre-primary age children (birth through five). Programs include day care, Head Start, nursery schools, private kindergartens, and after-school programs. After completion of this degree, students

may also continue in the B.S. program. To be granted a degree in Early Childhood Development students must have a “C” or better in all CDF courses.

<b>Major Requirements.....</b>	<b>33 hours</b>
CDF 132, 235, 236, 246, 327, 343, 344, 450 (9), NFA 317.	
<b>Supporting Course Requirements.....</b>	<b>9 hours</b>
BIO 300 or 317; CSC 104 or CIS 212; SED 104.	
<b>General Education Requirements.....</b>	<b>18 hours</b>
CMS 100, six hours of English composition, six hours of general education social science, (three hours from block VB and three hours from VA), and three hours general education humanities.	
<b>University Requirement.....</b>	<b>1 hour</b>
HSO 100.	
<b>Free Electives.....</b>	<b>3 hours</b>
<b>Total Curriculum Requirements.....</b>	<b>64 hours</b>

### Minors

#### MINOR IN CHILD AND FAMILY STUDIES

<b>Minor Requirements.....</b>	<b>18 hours</b>
CDF 132, 236; six hours selected from CDF 235, 327, 342, 441 or 501; and six hours CDF electives.	

#### MINOR IN APPAREL DESIGN AND MERCHANDISING

<b>Minor Requirements.....</b>	<b>18 hours</b>
ADM 119, 201, 310, 313, and 6 hours approved ADM electives.	

#### MINOR IN FAMILY AND CONSUMER SCIENCES

<b>Minor Requirements.....</b>	<b>18 hours</b>
ADM 102, CDF 132, 235, FCS 320, FRM 352, NFA 121 or 201 or 317.	

#### MINOR IN FOODSERVICE ADMINISTRATION

<b>Minor Requirements.....</b>	<b>18 hours</b>
NFA 121, 201, and 12 hours selected from NFA 321, 323, 325, 326, 344, or 445.	

#### MINOR IN NUTRITION

<b>Minor Requirements.....</b>	<b>18 hours</b>
NFA 121, 201, and 12 hours selected from NFA 301, 317, 321, 401, 402, 403, 404, 411, 505, 507, 509 or 517.	

## DEPARTMENT OF HEALTH PROMOTION AND ADMINISTRATION

### Chair

**Dr. Michael Ballard**  
(859) 622-1142  
Begley 420

### Faculty

**C. Andersen, M. Ballard, M. Bhandari, P. Bryden, T. Cahill, J. Hecht, D. Holcomb, K. Hunter, D. Jackson, L. Larkin, A. Lewis, J. Renfro, and K. Sandford**

The Department of Health Promotion and Administration is comprised of programs in: Ancillary Health Management, Health Care Administration and Informatics, and Health Education. Admission to all programs is based on the regular admission policies of the University. Specific policies related to each discipline can be found following the program heading as listed.

### HEALTH EDUCATION

Health Education offers the Bachelor of Science degree in Health Education with three program options: Community Health, School Health P-12 (Teaching), and Wellness. Students who complete Community Health option are prepared to determine the health needs of the community and plan and implement effective programs to improve the health of the populations they serve. Community Health Educators may work in the Public Health Departments, Volunteer Organizations, Hospitals, and Family Resource Centers. Students in the School Health Option are prepared to teach core content health topics in public school system grades P-12 and a variety of health related agencies. Students in the Wellness option are prepared to facilitate behavior change by developing and implementing wellness and fitness programs in worksite health promotion organizations. A student may choose a minor in Community Health (non-teaching) or in School Health P-12 (Teaching). The Bachelor of Science program in Health Education has met national standards for accreditation from the Society of Public Health Educators, American Association for Health Education, National Council for the Accreditation of Teacher Education, and Kentucky Department of Education.

Students who transfer from another college or university must earn a minimum of 12 hours at ECU in the major. Students who transfer from another college or university must earn a minimum of six hours at ECU in the minor. Students who are accepted by the ECU Admissions Office and declare their major as Health Education options in Community Health and Worksite Health Promotion must maintain an overall GPA of 2.25 with a grade of “C” or better in all of the required major and supporting courses found in the Health Education Curriculum. Students in the Health Education option in School Health P-12 (Teaching) must meet the graduation requirements set by the College of Education.

**Baccalaureate Degree**

**HEALTH EDUCATION (B.S.)**

*CIP Code: 51.1504*

- Major Requirements.....42-52 hours**
- Health Education Core.....36 hours**  
HEA 202, 203, 285, 290, 315, 320, 345, 375 or 592; 350, 380, 455, 480, 490.  
Majors must select an option in Community Health, School Health, P-12 (Teaching) or Worksite Health Promotion:
- Community Health.....16 hours**  
HEA 316, 420, 460, 463\*; select three hours from HEA 498, 590, 591, 593, 595, 599, or SOC 353.
- School Health, P-12 (Teaching) .....6 hours**  
EME 586 and three hours from HEA 390, 391, 498, 590, 593, 595, or 599.
- Worksite Health Promotion .....15 hours**  
HEA 360, 463; PHE 325, 433.
- Supporting Course Requirements.....16-46 hours**
- All Options.....15 hours**  
BIO 171, 301, NFA 201, and CIS 212 or CSC 104 and EHS 280.
- School Health, P-12 (Teaching) .....1 hour**  
BIO 378.
- Worksite Health Promotion .....15 hours**  
PHE 212, 315, 320, 407; REC 460.
- Professional Education Requirements**
- School Health Option..... 31 hours**  
EDF 103(1), 203, 319, 413, EMS 499(12), ESE 490, 587, and SED 401 or 401S.
- General Education Requirements .....36 hours**  
Standard General Education program, excluding course blocks VI, VII (QS), and VIII (6 hours). Refer to Section Four of this *Catalog* for details on the General Education and University Requirements.
- University Requirement .....1 hour**  
HSO 100.
- Free Electives.....0-16 hours**
- Community Health.....16 hours**  
(13 of these elective hours are restricted to course work outside of the major and the option.)
- School Health, P-12 (Teaching) .....0 hours**
- Worksite Health Promotion .....2 hours**  
(All hours restricted to course work outside of the major and the option.)
- Total Curriculum Requirements.....120-126 hours**

\*Bachelor of Science degree students in the Community Health and Worksite Health Promotion Options are required to document a minimum of 100 hours of health education/wellness related experiences prior to enrolling in HEA 463, Internship in Health Promotion and Administration.

**Minors**

**MINOR IN COMMUNITY HEALTH EDUCATION (NON-TEACHING)**

- Minor Requirements.....30 hours**  
HEA 290, 315, 316, 320, 350, 455, 460, 480, 490, and three hours from HEA 345; 375 or 592; 380, 591, 593, EHS 280.

**MINOR IN SCHOOL HEALTH, P-12 (TEACHING)**

- Minor Requirements.....29 hours**  
HEA 202, 290, 315, 320, 345, 375 or 592; NFA 201, EHS 280, EME 586, and three hours from HEA 380, 455, 480, 490, 590, 591, or 593.

**HEALTH SERVICES ADMINISTRATION**

The department offers a baccalaureate degree in Health Services Administration with options in Ancillary Health Management and Health Care Administration and Informatics.

**Ancillary Health Management Option**

This degree progression option gives individuals with an associate degree in a health-related field the opportunity to obtain the management skills needed to become a healthcare supervisor or manager.

**Health Care Administration and Informatics Option**

This option gives individuals interested in the administrative aspects of healthcare an interdisciplinary curriculum designed to provide a balance between businesses, healthcare and information technology. This option is accredited by the Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM).

All students who are accepted by the EKU Admissions Office and declare their major as Health Services Administration are accepted into the pre-HSA major. Admission to the upper-division (professional) program courses requires an overall grade point average of 2.5 with a grade of "C" or better in each of the following required supporting and major courses found in the pre-HSA curriculum. This includes: ACC 201, 202; BIO 171, 301; CCT 290 or CIS 230 or CIS 300; CSC 104 or CIS 212; CMS 100 or 210; ECO 230; HSA 100; HSA 200; MAT 105 or 107; STA 215 or 270. Students who meet the minimum requirements will be accepted into the program within the enrollment limits determined by the faculty. The program reserves the right to accept only the best qualified applications who meet the minimum requirements.

**Admission/Progression Criteria**

All majors utilize the regular admission policy of the University for students taking courses offered during the first semester of the program. In order to continue in the program and to enroll in major courses, the student must meet the following criteria: (1) maintain an overall (cumulative) GPA of 2.5 on a 4.0 scale and (2) complete all major and support courses with a minimum grade of "C" after a maximum of two attempts.

A student who is not allowed to continue in the major may appeal the decision by presenting the reasons in writing to the Program's Admission and Progression Committee. The student may appeal this committee's decision to the College Admission



Committee by submitting a written request to the Dean of Health Sciences. The decision of this committee shall be final.

### Professional Practice Experience

An important part of the curriculum is professional practice experience in which the student is required to spend part of a semester at a hospital or other health care facility for observation and supervised practice of the skills required for entry into the profession.

Some sites may require health screening such as physical examinations and/or proof of immunizations. The student is responsible for these medical expenses and for living expenses and travel involved in relocation for these assignments.

## Baccalaureate Degree

### HEALTH SERVICES ADMINISTRATION (B.S.)

*CIP Code: 51.0706*

<b>Major Requirements</b> .....	<b>48 hours</b>
HSA 100, 200, 302, 303, 370, 372, 375, 401, 405, 406, 407, 409, 412.	
<b>Supporting Course Requirements</b> .....	<b>27-42 hours</b>
<b>All Options</b> .....	<b>27 hours</b>
BIO 171, 301; CCT 290 or CIS 230 or CIS 300; CMS 100 or 210; CSC 104 or CIS 212; MAT 105 or 107; MGT 300 or 301, 320; STA 215 or 270.	
<b>Health Care Administration and Informatics</b> .....	<b>12 hours</b>
ACC 201, 202; ECO 230; MKT 300 or 301.	
<b>General Education Requirements</b> .....	<b>30-33 hours</b>
<b>Ancillary Health Management</b> .....	<b>33 hours</b>
Standard General Education program, excluding blocks IC, II, VII (QS), and VIII (6 hours). Refer to Section Four of this <i>Catalog</i> for details on the General Education and University requirements.	
<b>Health Care Administration and Informatics</b> .....	<b>30 hours</b>
Standard General Education program, excluding blocks IC, II, VB, VII (QS), and VIII (6 hours). Refer to Section Four of this <i>Catalog</i> for details on the General Education and University Requirements.	
<b>University Requirement</b> .....	<b>1 hour</b>
HSO 100.	
<b>Free Electives</b> .....	<b>2-11 hours</b>
<b>Ancillary Health Management</b> .....	<b>11 hours</b>
<b>Health Care Administration and Informatics</b> .....	<b>2 hours</b>
<b>Total Curriculum Requirements</b> .....	<b>120 hours</b>

NOTE: Student must achieve a grade "C" or better in all major and support courses.

## DEPARTMENT OF OCCUPATIONAL THERAPY

### Chair

**Dr. Colleen Schneck**  
(859) 622-3300  
Dizney 103

### Faculty

**J. Baltisberger, M. Custer, L. Emery, E. Fehring, D. Howell, D. Marken, A. Marshall, C. Myers, S. O'Brien, D. Pierce, G. St. Michel, C. Privott, C. Schneck, A. Shordike, K. Splinter-Watkins, M. Thompson, J. Westfall, and M. Wittman**

The Department of Occupational Therapy provides a continuum of educational experiences that prepare a student at the undergraduate level for a career as a non-credentialed health and human service professional and at the graduate level for a career as an occupational therapist. Undergraduate students can enter the Occupational Science program, receive a Bachelor of Science degree, and apply for admission to the master's program in Occupational Therapy. Individuals with a baccalaureate degree in another field and who have completed the required prerequisite courses can apply for admission to the transition program (See Graduate Catalog). After completing the Master of Science degree in Occupational Therapy, students are eligible to take the occupational therapy national certification examination.

The Occupational Therapy program is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE), 4720 Montgomery Lane, Bethesda, MD 20824, (301) 652-2682, [www.aota.org](http://www.aota.org). Certification for the occupational therapy profession is provided through the National Board for Certification in Occupational Therapy (NBCOT), 800 S. Frederick Ave., Suite 200, Gaithersburg, MD 20877, [www.nbcot.org](http://www.nbcot.org).

### Baccalaureate Degree in Occupational Science (BS)

Occupational science, an evolving social science, is the study of human occupation. Occupational scientists study why and how we occupy our time through activity, organize ourselves through activity patterns and habits, respond to the context in which occupations occur, and create meaning through occupations.

Students may combine the study of human occupation with other areas of interest through electives or a minor, including but not limited to, psychology, child and family studies, biology, community health, gerontology, and business. While many graduates of the Occupational Science program apply for entry into the Occupational Therapy Master's program, some may choose other graduate education options or seek employment in non-credentialed health care, education or community positions. These careers may include case manager, independent living skills coordinator, activity coordinator, medical sales representative, senior citizen program coordinator, mental health associate, and job coach for persons with developmental disabilities.

The five themes of the occupational science curriculum are occupation, reasoning, diversity, communication, and professional identity. Interwoven are the curriculum elements of concepts and knowledge, active community learning experiences, integrative seminars, and authentic assessment and portfolio development. A value inherent in the curriculum model is that learning is optimal when educators guide student immersion in personally meaningful challenges that are processed in a supportive environment. Graduates of the Occupational Science program meet the following

outcomes:

1. Apply knowledge of occupational science to address the needs of individuals and society.
2. Demonstrate the reasoning required of health and human service professionals.
3. Collaborate with diverse people, communities, agencies and disciplines.
4. Demonstrate skillful use of communication.
5. Demonstrate professionalism.

**Progression and Retention in the Program**

In order to follow the established progression of the program sequence, students must complete the following:

1. Progression to Cycle 1 (junior year) occurs when Precycle requirements are met:
  - at least 57 hours of coursework completed
  - an overall GPA of 2.5 or better
  - “C” or better in human anatomy, human physiology, general psychology, and statistics.
2. To progress to Cycle 2 (senior year), all Cycle 1 required major and support courses must be completed with a grade of “C” or better.
3. To graduate, all Cycle 2 required major and support courses must be completed with a grade of “C” or better as well as completion of general education and university requirements for graduation. An overall GPA of 2.0 must be maintained throughout the Occupational Science Program.

**Admission into occupational science courses is limited to space available.**

*Enrollment in the Master of Science program in Occupational Therapy is limited. Completion of the undergraduate program in Occupational Science does not guarantee admission into the graduate program in Occupational Therapy. Refer to the Graduate Catalog for admission requirements and procedures regarding application to the Master of Science program in Occupational Therapy.*

**Appeals**

Students may petition for a waiver of any regulations. Appeals regarding waiver of a regulation should be addressed to the Admissions and Progression Committee. Appeal of grade should be addressed to the Academic Practices Committee. See the University Student Handbook for details of the appeal procedures.

**Baccalaureate Degree**

**OCCUPATIONAL SCIENCE (B.S.)**

*CIP Code: 51.2306*

**Major Requirements.....45 hours**

OTS 301(4), 302, 311, 312, 313, 335, 362, 401, 402, 421, 422(4), 430, 432(4), 478.

**Supporting Course Requirements.....21 hours**

BIO 171, 301, 271, 371, PSY 200, ENG 300, STA 215.

**General Education Requirements .....36 hours**

Standard General Education Program, excluding blocks VB, VII (QS), and VIII (6 hours). Refer to Section Four of the *Catalog* for details on the General Education and University

requirements.

**Free Electives.....17 hours**

**University Requirement .....1 hour**  
HSO 100.

**Total Curriculum Requirements .....120 hours**

**DEPARTMENT OF RECREATION AND PARK ADMINISTRATION**

**Chair**

**Dr. Jon McChesney**  
**(859) 622-1833**  
**Begley 403**

**Faculty**

**L. Belknap, M. Gerken, S. Jones, and J. McChesney**

The Department of Recreation and Park Administration offers the Bachelor of Science degree in Recreation and Park Administration with four options: Tourism & Resort Recreation, Natural Resources & Outdoor Recreation, Public/Non-Profit Recreation Services, and Therapeutic Recreation. The department also offers a minor in Recreation and Park Administration.

Students who transfer from another college or university must earn a minimum of 12 hours at EKU in their major. Students who transfer from another college or university must earn a minimum of six hours at EKU in their minor.

Graduates of the Tourism & Resort Recreation option find career opportunities in local, state, federal and private agencies that promote tourism, travel agencies, convention services, resort supervision and management, cruise lines, amusement and theme parks, as well as other commercial recreation agencies.

Graduates of the Natural Resources & Outdoor Recreation option offers a wide variety of career opportunities such as park ranger, interpretive naturalist, camp director, recreation forester, fish and wildlife positions, and youth and adult outdoor recreation programming positions.

Graduates of the Public/Non-Profit Recreation Services option find professional careers available in local, state, county and federal agencies, park management, golf course management, recreation supervision, aquatics, cultural arts programming, athletic programming, YMCA and YWCA, Boy Scouts and Girl Scouts, 4-H, and various other private and public agencies providing park, recreation and leisure services.

Graduates of the Therapeutic Recreation option find one of the fastest growing areas in the field of recreation and leisure services. Professionals in TR design programs to meet the needs of special populations, people with physical or developmental disabilities, and people with temporary or permanent psychiatric disorders. TR professionals work in children’s hospitals, mental health institutions and psychiatric hospitals, rehabilitation clinics, nursing homes, medical care facilities, transitional living facilities, group homes, camps, community-based programs, and community residential agencies.

The BS degree in Recreation and Park Administration provides 15 credit hours of direct hands-on field experience. The senior practicum (12 credit hours) serves as an excellent transition from school to work, and many students are hired directly out of their practicum.

Students majoring or minoring in Recreation and Park Administration are required to attain a minimum grade of “C” in

all REC courses and a 2.5 or better average in all REC courses.  
All REC core and REC option courses must be completed prior to enrollment in REC 463, Senior Practicum.

## Baccalaureate Degree

### RECREATION AND PARK ADMINISTRATION (B.S.)

*CIP Code: 31.0301*

<b>Major Requirements.....</b>	<b>56-60 hours</b>
<b>Core .....</b>	<b>43 hours</b>
REC 101(1), 102, 163(1), 200, 263(2), 311, 350, 401, 406, 410, 450, 460, and 463(12); current first aid CPR certification at time of graduation, and one of the following options:	
<b>Options .....</b>	<b>11-15 hours</b>
<b>Natural Resources &amp; Outdoor Recreation .....</b>	<b>13 hours</b>
REC 190, 290, 380, 516, 530.	
<b>Public/Non-Profit Recreation Services .....</b>	<b>13 hours</b>
REC 190, 280, 530, and six hours from the following courses: POL 331, 332, 333, 377 or COM 390.	
<b>Therapeutic Recreation .....</b>	<b>11 hours</b>
REC 190, 411, 511, 512S; CHS 105.	
<b>Tourism &amp; Resort Recreation.....</b>	<b>15 hours</b>
REC 280, 380, 480; GEO 305; EHS 230.	
<b>Supporting Course Requirements (all options).....</b>	<b>3 hours</b>
CMS 210	
<b>Additional Supporting Course Requirements</b>	
<b>Therapeutic Recreation Option .....</b>	<b>15 hours</b>
BIO 171, 301; PSY 200, 280, 308.	
<b>General Education Requirements .....</b>	<b>33 or 45 hours</b>
Standard General Education Program, excluding block IC for all options and Blocks VB, VC and VIII (6 hours) for the Therapeutic Recreation option ONLY. Refer to Section Four of this <i>Catalog</i> for details on the General Education and University requirements.	
<b>University Requirement .....</b>	<b>1 hour</b>
HSO 100.	
<b>Free Electives.....</b>	<b>13-15 hours</b>
<b>Natural Resources &amp; Outdoor Recreation ....</b>	<b>15 hours</b>
<b>Public/Non-Profit Recreation Services .....</b>	<b>15 hours</b>
<b>Therapeutic Recreation .....</b>	<b>14 hours</b>
<b>Tourism &amp; Resort Recreation.....</b>	<b>13 hours</b>
<b>Total Curriculum Requirements .....</b>	<b>120 hours</b>

## Minor

### MINOR IN RECREATION AND PARK ADMINISTRATION (NON-TEACHING)

<b>Minor Requirements.....</b>	<b>19 hours</b>
REC 101, 102, 200, 460, and nine additional hours from REC 190, 280, 290, 311, 350, 380, 401, 406, 409, 410, 411, 480, 490, 511, 512S, 516, or 530.	

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# College of Justice and Safety

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**Dr. Allen L. Ault, Dean**  
**Stratton 354**  
**(859) 622-3565**  
**[www.justice.eku.edu](http://www.justice.eku.edu)**

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The College of Justice and Safety at Eastern Kentucky University is one of the largest of its type in the United States and is one of the five colleges that comprise the academic structure of the University. Within the College of Justice & Safety are the Departments Criminal Justice, and Safety, Security, & Emergency Management. Faculty in the College are nationally and internationally known for their teaching, research, service and experience. Professors have backgrounds as police officers, paramedics, corrections directors, juvenile justice administrators, safety and security consultants, arson investigators, military officers, lawyers, scholars, probation and parole officers, or FBI agents.

The Commonwealth of Kentucky named the College of Justice & Safety as the first Program of Distinction at Eastern Kentucky University in 1998. The Program of Distinction has funded new degree programs, upgraded classrooms and computer labs, provided additional research opportunities for faculty and students, as well as scholarship opportunities for students majoring in programs offered by the college.

Certificate, associate, baccalaureate, and master's degree programs are offered by the College of Justice and Safety. Several courses and some complete programs are also available online.

The College is committed to a career ladder concept by providing opportunities for students enrolled in or completing associate (two-year) degree programs to transfer to a corresponding baccalaureate (four-year) program within the same department with little or no loss of credit.

All departments in the College are housed in the Stratton Building, an outstanding and unique facility which includes a newly renovated 250-seat auditorium and the Justice & Safety Library with over 33,000 holdings, two state of the art technology computer labs and a cafeteria.

In addition to its academic departments, the College houses two nationally recognized research and service centers: the Justice & Safety Center (JSC) (located in the Justice & Safety Homeland Security and Technology Center), and the Training Resource Center (TRC). The JSC works to serve the nation's public safety and security communities by providing research and evaluation, technology prototype development and testing, and training and technical assistance. The TRC is an adult professional development program which provides training for social, human and juvenile justice service professionals, and develops quality educational experiences for at-risk and delinquent youth.

## ADMISSION TO THE COLLEGE

Students seeking admission to the College of Justice and Safety must meet general University requirements and should indicate their intention to major in a program of the College.

After being admitted to the College, a student will be assigned a faculty advisor who will assist in selecting the proper courses leading to the desired degree.

## DEGREE REQUIREMENTS

General University requirements begin in Part Four of this *Catalog*, as well as specific course requirements set forth in the description of curricula, and must be met by students completing associate and baccalaureate programs administered by the College of Justice and Safety. Unless otherwise specified, all programs in the College of Justice and Safety require a grade of "C" or better for all required major and supporting courses. See the program descriptions under each department for specific major and minor requirements. Common to all programs is the Academic Orientation course.

## MAJOR AND MINOR CREDIT MINIMUM

Regardless of the advanced standing under which the student may have been admitted, or what credits have transferred, 12 hours of advanced course work (courses numbered 300 or above) applied for credit toward the major subject for a baccalaureate degree, nine hours of advanced course work applied for credit toward the major subject for an associate degree, and six hours of advanced course work toward major subject for a minor must be earned at Eastern.

## DEPARTMENT OF CRIMINAL JUSTICE

### Chair

**Dr. Victor E. Kappeler**  
(859) 622-1978  
Stratton Building, Room 467

### Faculty

**T. Barker, T. Cox, C. Dewhurst, P. Ehrod, C. Fields, G. Ferrell, C. Garrison, R. Haarr, S. Hunt, S. Kappeler, V. Kappeler, M. Konty, P. Kraska, E. Leichtman, B. Matthews, D. May, K. Minor, W. Nixon, D. Paulsen, G. Potter, T. Reed, I. Soderstrom, B. Thompson, and K. Tunnell, E. Wachtel, J. Wells, and B. Wolford**

### Baccalaureate Degrees

#### **CORRECTIONAL AND JUVENILE JUSTICE STUDIES (B.S.)**

*CIP Code: 43.0102*

<b>Major Requirements.....</b>	<b>36 hours</b>
COR 201, 300, 310, 340, 350, 388, 400, six hours of Correctional and Juvenile Justice Studies electives, and nine hours within either the Adult Corrections option or the Juvenile Justice option. (Students may choose to complete both of these options in lieu of completing the six elective hours, but such students will complete a minimum of 39 hours of major coursework).	
Adult Corrections Option: COR 301, 315 and 330.	
Juvenile Justice Option: COR 311, 316 and 321.	
NOTE: Majors must have a minimum grade point average of at least 2.0 across major core, option, and elective course requirements in order to graduate.	
<b>General Education Requirements .....</b>	<b>48 hours</b>
Standard General Education program. Refer to Section Four of this Catalog for details on the General Education and University requirements.	
NOTE: Correctional and Juvenile Justice Studies majors may not use courses from Block V (Social and Behavioral Sciences) to complete Block VIII (Depth of Knowledge) requirements.	
<b>University Requirement .....</b>	<b>1 hour</b>
JSO 100.	
<b>Free Electives.....</b>	<b>35 hours*</b>
<b>Total Curriculum Requirements .....</b>	<b>120 hours</b>

\*Correctional and Juvenile Justice Studies majors not having a second major or minor are required to devote at least nine of these 35 hours to coursework from at least two of the following programs in consultation with the major advisor; observe prerequisites: Criminal Justice, Police Studies, Child and Family Studies, Political Science, Psychology, Recreation, Social Work, Sociology, and any foreign language. These nine hours may not be used to fulfill general education requirements. Also, a minimum GPA of 2.0 is required in these nine hours.

#### **Online Course Work**

The major requirements for the B.S. degree, as well as coursework required for professional certificates (see below), are to be completed online. In addition to satisfying Eastern Kentucky

University's (EKU's) requirements for full freshman admission or provisional admission, a composite ACT score of 20 or higher is required. Students with composite ACT scores of 18 or 19 may be admitted on a probationary basis but are required to furnish a writing sample. Though students transferring from another accredited institution are not required to submit test scores, such students must meet EKU's requirements for admission as a transfer student. In addition, transfer students must have an overall 2.5 or greater grade point average (GPA) on a 4.0 scale on all work from accredited institutions. Transfer students with overall GPAs less than 2.5 but at least 2.0 may be admitted on a probationary basis but are required to furnish a writing sample. The requirement that B.S. students must earn a minimum of 30 of the last 36 hours through EKU is waived for students pursuing the B.S. major requirements online. However, for the B.S. degree, a minimum of 32 hours must be earned through EKU. Visit [www.justice.eku.edu/cj/online.php](http://www.justice.eku.edu/cj/online.php) and contact the Undergraduate Online Program Coordinator for additional details.

#### **CRIMINAL JUSTICE (B.S.)**

*CIP Code: 43.0103*

<b>Major Requirements.....</b>	<b>33 hours</b>
<b>Core .....</b>	<b>18 hours</b>
CRJ 101, 313, 331, 388, 400 and an upper division CRJ elective.	
<b>CRJ Electives.....</b>	<b>15 hours</b>
Select from PLS or CRJ electives or select 3 hours of Foreign language or American Sign Language (ASL) level 200 or above in consultation with major advisor.	
<b>Supporting Course Requirements .....</b>	<b>12 hours</b>
Three hours from COR, and 9 hours from APS, COR, CRJ, FSE, PLS, or select 3 hours of Foreign language or American Sign Language (ASL) level 200 or above in consultation with major advisor.	
<b>General Education Requirements .....</b>	<b>48 hours</b>
Standard General Education program. Refer to Section Four of this <i>Catalog</i> for details on the General Education and University requirements.	
<b>University Requirement .....</b>	<b>1 hour</b>
JSO 100.	
<b>Free Electives or Minor .....</b>	<b>34 hours</b>
<b>Total Curriculum Requirements .....</b>	<b>128 hours</b>

#### **POLICE STUDIES (B.S.)**

*CIP Code: 43.0107*

<b>Major Requirements.....</b>	<b>48 hours</b>
<b>PLS Core.....</b>	<b>24 hours</b>
CRJ 101, 331, 388, 400, PLS 103, 326, 414, 415.	
<b>PLS Electives .....</b>	<b>15 hours</b>
Select from PLS or CRJ electives or select 3 hours of a Foreign language or American Sign Language (ASL) level 200 or above in consultation with major advisor.	
<b>Supporting Electives .....</b>	<b>9 hours</b>
Select from COR, FOR 301, APS 210, EMC 102 or 110, FSE 250, or TRS 332 or select 3 hours of a Foreign language or American Sign Language (ASL) level 200 or above in consultation with major advisor.	
<b>General Education Requirements .....</b>	<b>48 hours</b>
Standard General Education program. Refer to Section Four of this <i>Catalog</i> for details on the General Education and	

University requirements.

**University Requirement** .....1 hour  
 JSO 100.  
**Free Electives**.....31 hours  
**Total Curriculum Requirements**.....128 hours

**Associate Degree**

**POLICE STUDIES (A.A.)**

*CIP Code: 43.0107*

**Major Requirements**.....15 hours  
 CRJ 101, PLS 103, 326, 414, 415.  
**PLS Electives** .....6 hours  
 Select from PLS or CRJ electives or select 3 hours of a Foreign language or American Sign Language (ASL) level 200 or above in consultation with major advisor.  
**University Requirement** .....1 hour  
 JSO 100.  
**General Education Requirements** .....48 hours  
 Standard General Education program. Refer to Section Four of this *Catalog* for details on the General Education and University requirements.  
**Total Curriculum Requirements**.....70 hours

**Minors**

**MINOR IN CORRECTIONAL AND JUVENILE JUSTICE STUDIES**

Complete COR 201, 315 or 316, 350, and nine hours of Correctional and Juvenile Justice Studies electives. Six of the nine elective hours must be chosen from the following: COR 301, 310, 311, 321, 330, 340, 388, and 400. This minor is available in online formats.

**MINOR IN CRIMINAL JUSTICE**

A student may minor in Criminal Justice by completing CRJ 101, 313, 331, 388, 400 and one upper level CRJ elective.

**MINOR IN POLICE STUDIES**

A student may minor in Police Studies by completing a minimum of 18 semester hours of the following courses: CRJ 101, PLS 103, PLS 414, and 9 hours of PLS upper division electives. A grade of “C” or higher must be earned in each CRJ or PLS course for credit toward a PLS minor. At least six hours of the minor must be earned at Eastern Kentucky University.

**MINOR IN SOCIAL JUSTICE**

A student may minor in Social Justice by completing CRJ 101; CRJ 345 or SOC 400; CRJ 325, PLS 390 or CRJ 401; CRJ 406; SOC 235 or POL 464; and SOC 313 or 375. (Students majoring in police studies or criminal justice may not minor in social justice.)

**Certificates**

**PROFESSIONAL CERTIFICATE IN CORRECTIONAL INTERVENTION STRATEGIES**

This certificate includes 18 hours of required courses and 6 hours of electives and is available in online formats. Courses include content that reflects the theoretical and contemporary issues facing corrections professionals. The program will enhance student knowledge regarding effective correctional interventions, provide students with practical knowledge that can be used in their daily work, and for students interested in continuing their education, provide a first step toward degree completion.

Required Courses:

- COR 201: Introduction to Corrections and Juvenile Justice (3)
- COR 301: Institutional Corrections (3)
- COR 315: Legal and Ethical Issues in Adult Corrections (3)
- COR 330: Community Corrections (3)
- COR 340: Correctional and Juvenile Justice Administration (3)
- COR 350: Rehabilitation Strategies for Adult and Juvenile Offenders (3)

Six hours of electives selected from:

- COR 310: Foundations of Correctional and Juvenile Justice Practice (3)
- COR 320: Professional Development Seminar for Corrections and Juvenile Justice\*
- COR 423: Topical Seminar: \_\_\_\_\_.\*\*

\*Can be taken for a total of 12 hours under different topics including mental health needs of offenders, intervening with drug-involved offenders, treatment and supervision of adult sex offenders, gang identification and intervention, and diversity in corrections and juvenile justice.

\*\*Can be taken for up to 12 hours under different topics including American jails, women in corrections, and death penalty.

**PROFESSIONAL CERTIFICATE IN YOUTH SERVICES**

This certificate includes 15 hours of required courses and 9 hours of electives and is available in online formats. Courses include content that reflects the theoretical and contemporary issues facing juvenile justice professionals. The program will enhance student knowledge regarding effective juvenile justice interventions, provide students with practical knowledge that can be used in their daily work, and, for students interested in continuing their education, provide a first step toward degree completion.

Required Courses:

- COR 311: The Juvenile Justice System (3)
- COR 316: Legal and Ethical Issues in Juvenile Justice (3)
- COR 321: Juvenile Corrections (3)
- COR 340: Correctional and Juvenile Justice Administration (3)
- COR 350: Offender Rehabilitation Strategies (3)

Nine hours of electives selected from:

- COR 201: Introduction to Corrections and Juvenile Justice (3)
- COR 310: Foundations of Correctional and Juvenile Justice Practice (3)
- COR 320: Professional Development Seminar for Corrections and Juvenile Justice\*
- COR 423: Topical Seminar: \_\_\_\_\_.\*\*

\*Can be taken for a total of 12 hours under different topics including mental health needs of youth in the juvenile justice system, intervening with drug-involved youth, gang identification and intervention, and diversity in corrections and juvenile justice.

\*\*Can be taken for up to 12 hours under different topics including working effectively with girls in the juvenile justice system and intervening with juvenile sex offenders.

## DEPARTMENT OF SAFETY, SECURITY & EMERGENCY MANAGEMENT

### Chair

**Dr. Larry Collins**  
(859) 622-1009

Stratton Building, Room 250

### Faculty

**M. Blakeney, M. Collier, L. Collins, P. Collins, N. Davis, R. Dotson, S. Dunlap, G. Gorbett, P. Grant, W. Hicks, S. Hunter, T. Kline, F. May, D. Miller, J. Pharr, T. Schneid, M. Schumann, N. Spain, J. Thurman, and A. Tinsley.**

### Baccalaureate Degrees

#### ASSETS PROTECTION AND SECURITY (B.S.)

*CIP Code: 43.0109*

**Major Requirements.....36 hours**

APS 110, 210, 225, 320, 333, 350 or 351, 395, 435\*, 438, 465, 495, three hours upper division APS electives.

**APS Electives:** APS 349, 350, 351, 435\*\*, 445, 455.

**Minor .....18 hours**

**General Education Requirements .....48 hours**

Standard General Education program. Refer to Section Four of this *Catalog* for details on the General Education and University requirements.

**University Requirement .....1 hour**  
JSO 100.

**Free Electives.....25 hours**

**Total Curriculum Requirements.....128 hours**

\*APS 435, 3 hours

\*\*APS 435, 1-3 hours

**NOTE:** Sufficient upper division hours to satisfy University requirements may not be listed. Students may need to select courses in General Education and free electives to satisfy upper

division hours. A grade of “C” or higher must be earned in each APS course for credit toward major.

### **Admission Procedure: Emergency Medical Care**

Students who have been admitted to the University and College of Justice and Safety and declare a major in Emergency Medical Care are admitted to the Pre-Emergency Medical Care Program. Admission to the Pre-Emergency Medical Care Program does not guarantee admission to the Advanced Emergency Medical Care (paramedic) sequence.

### **Admission Requirements: Emergency Medical Care (Associate of Science, A.S.)**

Pre-Emergency Medical Care students are accepted each semester. Students are selected for admission into the Advanced Emergency Medical Care Program once a year in the following fall semester. Selection is in priority order on the basis of highest cumulative grade point average, entrance test score, and the criteria listed below. Due to limited enrollment, students are advised to apply as early as possible.

### **Advanced Emergency Medical Care (PARAMEDIC) Additional Requirements**

1. Students must have a minimum grade of “C” in all Emergency Medical Care courses, BIO 171, and BIO 301.
2. Students must have a minimum cumulative grade point average of 2.0 on a 4.0 scale.

### **Student Liability Insurance**

Students must purchase and maintain the college student liability insurance prior to enrollment in EMC 110, 115, 270, 275, 280, 342, 352, 360 and 362.

### **Admission Requirements: Emergency Medical Care (Degree—Completion)**

Degree—Completion (D-C) students are accepted each semester. Applicants for admission must be currently certified as a Paramedic in Kentucky. Paramedic certification must be maintained throughout this D-C program. Students will receive 18 hours of EMC program credit hours upon completion of EMC 380 and EMC 382. Credit may be earned through credit by examination (see Credit by Examination in this manual) for the following courses: CHS 200, EMC 110, EMC 225 and EMC 240 (for a total of 15 hours).

### **Advanced Emergency Medical Care—Degree Completion (PARAMEDIC) Additional Requirements**

1. Students must have a minimum grade of “C” in all Emergency Medical Care courses, BIO 171, and BIO 301.
2. Students must have a minimum cumulative grade point average of 2.0 on a 4.0 scale.

### **EMERGENCY MEDICAL CARE (B.S.)**

*CIP Code: B51.0904*

**Core Requirements .....48 hours**

EMC 104 (1), 110 (6), 115 (2), 200 (2), 205 (1), 215 (1), 225, 240, 310 (1), 315 (1), 320, 335, 340, 342, 352, 360 (2), 362 (4), 400, 480.

**Justice and Safety**

**Supporting Course Requirements**

**Emergency Services Administration Option .....35 hours**  
 ENG 300; EMC 420, 430, 440, 489; BIO 171, 301;  
 CHE 101/107 Lab (1), CHE 102 (4); PSY 200, 308.

**Paramedic Clinical/FSE Option .....35 hours**  
 ENG 300; FSE 200, 225, 320, 400; BIO 171, 301;  
 CHE 101/107 Lab (1), 102 (4); PHI 383; PSY 200, 308.

**Paramedic/Science Option .....35 hours**  
 BIO 171, 121 (4), 273 (4), 301; CHE 111/115 Lab (1),  
 112/116 Lab (1), 361/366 Lab (1), 362/367 Lab (1); PHY 131  
 (5).

**General Education Requirements .....36 hours**  
 Standard General Education program. Refer to Section Four  
 of this *Catalog* for details on the General Education and  
 University requirements.

**Emergency Services Administration Option**  
 Excluding blocks IVB, VB, and VIII (6 hours).

**Paramedic Clinical/FSE Option**  
 Excluding blocks IVB, VB, and VIII (6 hours).

**Paramedic/Science Option**  
 Excluding blocks IVA, IVB, and VIII (6 hours).

**University Requirement .....1 hour**  
 JSO 100.

**Total Curriculum Requirements .....120 hours**

**FIRE, ARSON, AND EXPLOSION INVESTIGATION (B.S.)**

*CIP Code: 43.0205*

**Major Requirements.....68 hours**  
 FSE 101, 120, 200, 201, 221, 223, 225, 250, 260, 280, 300W,  
 305, 320, 330, (3 hours from FSE 349), FSE 350, 355, 370,  
 380, 450, 495, 499(2), OSH 361

**Supporting Course Requirements.....17 hours**  
 CHE 101/107Lab & CHE 102, or CHE 111/111L & CHE  
 112/112L, FOR 301, MAT 107, PLS 375

**General Education Requirements.....39 hours**  
 Standard General Education program, excluding course  
 Block II and Block VIII. Refer to Section Four of this  
 catalog for details on the General Education and University  
 Requirements.

**University Requirements.....1 hour**  
 JSO 100

**Total Curriculum Requirements.....125 hours**

Note: A grade of “C” or better must be earned in each  
 required and supporting course.

**FIRE PROTECTION ADMINISTRATION (B.S.)**

*CIP Code: 43.0202*

**Major Requirements.....66 hours**  
 Core Requirements FSE 101, 120, 200, 201, 221, 223, 225,  
 230, 300W, 305, 320, 322, (3 hours from FSE 349), FSE 350,  
 355, 360, 365, 375, 400, 425, OSH 361, 390.

**Supporting Course Requirements.....17 hours**  
 CHE 101/107L, CHE 102, MAT 107, PSY 200, TRS 235

**General Education Requirements.....36 hours**  
 Standard General Education program, excluding Blocks II,  
 VB, and VIII (6 hours)

**University Requirement.....1 hour**  
 JSO 100

**Total Curriculum Requirements.....120 hours**

NOTE: A grade of “C” or higher must be earned in each required

and supporting course.

**FIRE, PROTECTION, AND SAFETY ENGINEERING  
 TECHNOLOGY (B.S.)**

*CIP Code: 43.0201*

**Major Requirements.....48 hours**  
 FSE 101, 120, 200, 221, 224, 300W, 305, 322, 350, 355, 360,  
 445, 480, 481, OSH 361, 410

**Supporting Courses.....38 hours**  
 CHE 111/111L, CHE 112/112L, CON 303, 322, MAT 124,  
 224, PHY 201, 202, 375, TEC 190

**General Education.....33 hours**  
 Standard General Education Program, excluding course  
 Block II, IVB, VII (QS)) and VIII (6 hours). Refer to Section  
 Four of this catalog for details on the General Education and  
 University Requirements.

**University Requirement.....1 hour**  
 JSO 100

**Total Curriculum Requirements.....120 hours**

NOTE: \*A grade of “C” or higher must be earned in each required  
 and supporting course.

**HOMELAND SECURITY (B.S.)**

*CIP Code: 43.9999*

**Major Requirements.....39 hours**  
 HLS 101, 201, 225, 301, 321, 391, 401, 441, 451, 461, 495 and  
 6 hours from HLS 341, 349, 402, 435, 445, 455, or 491.

**Supporting Course Requirements.....33 hours**  
 APS 210, EMC 450, FSE 310, GEO 210 or GLY 302, GEO  
 353, HIS 203, MGT 301 or POL 370, PLS 375 or POL 415,  
 POL 100 or 101, PSY 200 or 200W, STA 215 or 270.

**General Education Requirements.....33 hours**  
 Standard General Education program excluding the following:  
 blocks VA, VB, VC, VII(NS), and VII(QS). Refer to Section  
 Four of this Catalog for details on the General Education and  
 University requirements.

**University Requirement.....1 hour**  
 JSO 100.

**Free Electives.....14 hours**  
**Total.....120 hours**

**OCCUPATIONAL SAFETY (B.S.)**

*CIP Code: 15.0703*

**Major Requirements..... 42 hours**  
 OSH 200, 225, 305, 349, 361, 362, 366, 367, 379, 390, 410,  
 412, 492, 495.

**Supporting Course Requirements..... 33 hours**  
 FSE 101, 120, 221, 300W; APS 210; CHE 101/107 Lab or  
 111/111L; EHS 340, 345; MAT 107; PHY 131.

**General Education Requirements.....39 hours**  
 Exclude blocks II and VIII (6 hours) for Occupational Safety.  
 Refer to section four of this *Catalog* for details on the General  
 Education and University Requirements.

**University Requirement.....1 hour**  
 JSO 100.

**Free Electives..... 5 hours**  
**Total Curriculum Requirements.....120 hours**

NOTE: \*A grade of “C” or higher must be earned in each required  
 and supporting course.



**Associate Degree**

**PARAMEDICINE (A.S.P.)**

*CIP Code: 51.0904*

- Major Requirements.....39 hours**  
EMC 104, 110, 115, 200, 205, 215, 225, 310, 315, 320, 335, 340, 342, 352, 360, and 362.
- Supporting Course Requirements.....3 hours**  
EMC 240.
- General Education Requirements .....22 hours**  
BIO 171, 301, three hours general education humanities, three hours general education social science, three hours of free electives, and six hours of English composition.
- University Requirement .....1 hour**  
JSO 100.
- Total Curriculum Requirements.....64 hours**

**Minors**

**MINOR IN ASSETS PROTECTION**

A student may minor in Assets Protection by completing a minimum of 18 semester hours as follows: APS 110, 210, 225, 333, and six hours of upper division APS electives. A grade of “C” or higher must be earned in each APS course for credit toward the minor.

**MINOR IN EMERGENCY MANAGEMENT**

*CIP Code: 43.0201*

The Minor in Emergency Management is not available to B.S. in Homeland Security majors. A student may minor in Emergency Management by completing, with a grade of “C” or better, a total of 18 semester hours as follows:

- Requirements.....9 hours**  
HLS 201, 451, 461
- Electives.....select 9 hours from**  
APS 210, EMC 450, FSE 310, 375, 400, GEO 353, 456, 553, HLS 391, 491, or select one course from GLY 302 or GEO 210.
- Total Curriculum Requirements.....18 hours**

**MINOR IN EMERGENCY MEDICAL CARE**

Completing the minor requires a minimum grade of “C” in EMC 104, 110, 115, 200, and nine hours CHS or EMC course work pre-approved by the EMC Admission and Progression Committee.

**MINOR IN FIRE AND SAFETY ENGINEERING TECHNOLOGY**

The courses required to complete a minor in Fire and Safety Engineering Technology include: FSE 120, FSE 225 or OSH 362, and 12 hours of FSE or OSH electives. Nine hours must be upper division.

**MINOR IN HOMELAND SECURITY**

A student may minor in Homeland Security by completing, with a grade of “C” or better, a total of 18 semester hours as follows:

- Requirements:**  
HLS 101, 201, 225, 301  
Select 3 hours from: FSE 310, HLS 391, or HLS 401  
Select 3 hours from: PLS 375 or POL 415
- Total Curriculum Requirements.....18 hours**

**MINOR IN TRAFFIC SAFETY (NON-TEACHING)**

A student may minor in Traffic Safety by completing 18 hours from the following courses: TRS 103, 233, 322, 413; plus seven additional hours selected from TRS 100, 234, 332, 342, 349, 407, 491.

**Certificates**

**ADVANCED EMERGENCY MEDICAL CARE**

- Major Requirements.....22 hours**  
EMC 130, 270, 275, 280, and 310.
- Total Curriculum Requirements.....22 hours**

**BASIC EMERGENCY MEDICAL TECHNICIAN\***

Meets the Kentucky Cabinet for Human Resources certification requirement: EMC 110. Corequisite: EMC 104.  
**Total Curriculum Requirements.....7 hours**

\*Certificate awarded by the Department of Safety, Security, & Emergency Management and not Eastern Kentucky University.

**EMERGENCY MANAGEMENT**

(Not available to B.S. in Homeland Security majors or minors.)

- Students may obtain a Certificate in Emergency Management by completing, with a grade of “C” or better, a total of 24 semester hours as follows:
- Requirements.....12 hours**  
GEO 353, HLS 201, 451, 461
- Electives.....select 12 hours from**  
APS 210, EMC 450, FSE 310, 375, 400, GEO 220, 315, 325, 425, 456, 553, HLS 301, 391, 491, or select one course from GEO 210 or GLY 302
- Total Curriculum Requirements.....24 hours**

**FIRE AND SAFETY ENGINEERING TECHNOLOGY**

**CERTIFICATION OF COMPETENCY**

*CIP Code: 43.0201*

The courses required to complete the certificate of competency in Fire and Safety Engineering Technology include: FSE 101, 120, 201, 221, 223, 225, 320, 322, 350, 360 or 489.

- Total Curriculum Requirements.....31-32 hours**



**HOMELAND SECURITY**

*CIP Code: 43.9999*

(Not available to B.S. in Homeland Security majors or minors)

Students may obtain a Certificate in Homeland Security by completing, with a grade of “C” or better, a total of 24 semester hours as follows:

- Requirements.....18 hours**  
HLS 101, 201, 225, 301, 401, select one course from PLS 375 or POL 415
- Electives.....select 6 hours from**  
APS 210, FSE 310, HLS 341, 391, 441
- Total Curriculum Requirements.....24 hours**

**INTELLIGENCE STUDIES**

*CIP Code: 43.9999*

This certificate prepares students for careers in the U.S. intelligence community at federal, state, local, and tribal levels. The certificate requires a grade of “C” or better in 15 hours of required courses and 9 hours within a single option. Prerequisites for the below certificate course options do not count toward the total curriculum requirements.

- Requirements.....15 hours**  
GEO 353, GEO 456, HLS 401.  
Select 3 hours from:  
CRJ 388, HLS 321, OR POL 280.  
Select 3 hours from:  
CRJ 400, FSE 200, STA 215, OR STA 270.
- Options.....9 hours**  
Select 9 hours from one Option:  
**Intelligence Analysis Option:**  
CIS 320, CIS 325, CRJ 403, GEO 553, GEO 556, STA 320, STA 375, OR STA 501.  
**Threat Specialist Option:**  
CRJ 403, GEO 553, HLS 402, PLS 375, POL 321, POL 325, or POL 415.
- Total Curriculum Requirements.....24 hours**

**Endorsement**

**DRIVER EDUCATION ENDORSEMENT**

The requirements for a driver education endorsement for any teaching major are: TRS 285, 386, 487, and 588.

# SECTION SIX

## Course Descriptions

## Course Prefixes

<b>ASO 100</b>	<i>Academic Orientation</i>
<b>BTO 100</b>	<i>Academic Orientation</i>
<b>EDO 100</b>	<i>Academic Orientation</i>
<b>GSO 100</b>	<i>Academic Orientation</i>
<b>HSO 100</b>	<i>Academic Orientation</i>
<b>JSO 100</b>	<i>Academic Orientation</i>
ACC	Accounting
ADM	Apparel Design and Merchandising
AEM	Applied Engineering Management
AFA	African/African-American Studies
AFS	Aerospace Studies (Air Force ROTC)
AGR	Agriculture
ANT	Anthropology
APP	Appalachian Studies
APS	Assets Protection and Security
ARH	Art History
ART	Art
ASL	American Sign Language
AST	Astronomy
ATR	Athletic Training
AVN	Aviation
BEM	Broadcasting and Electronic Media
BIO	Biology
BTS	Business and Technology Seminar
CAH	Arts and Humanities Interdisciplinary
CCT	Corporate Communication and Technology
CDF	Child and Family Studies
CDS	Communication Disorders and Sciences
CHE	Chemistry
CHS	College of Health Sciences Interdisciplinary
CIS	Computer Information Systems
CLS	Clinical Laboratory Science
CLT	Clinical Laboratory Technology
CMS	Communication Studies
CNM	Arts and Sciences Interdisciplinary
COM	Communication
CON	Construction Management
COR	Correctional and Juvenile Justice Studies
CRJ	Criminal Justice
CSC	Computer Science
CTE	Career and Technical Education
DES	Design
ECO	Economics
EDF	Educational Foundations
EET	Electricity and Electronics Technology
EHS	Environmental Health Science
ELE	Elementary Education
EMC	Emergency Medical Care
EME	Elementary and Middle Grade
EMG	Middle Grade Education
EMS	Elementary, Middle Grade, and Secondary Education
ENG	English
ENR	Learning Skills
ESE	Secondary Education
FCC	Foreign Culture and Civilization
FCS	Family and Consumer Sciences
FIN	Finance
FLS	Foreign Language Studies
FOR	Forensic Science
FRE	French
FRM	Family Resource Management
FSE	Fire and Safety Engineering Technology
GBU	General Business
GCM	Graphic Communications Management
GCS	Interpersonal Skills and Career Counseling
GEO	Geography
GER	German
GLY	Geology
GSD	Student Development

GST	General Studies Tutoring
HEA	Health Education
HIS	History
HLS	Homeland Security
HON	Honors Program
HSA	Health Services Administration
HUM	Humanities
IES	Foreign Exchange Studies
INS	Insurance
ITP	Interpreter Training
JOU	Journalism
JPN	Japanese
LAS	Paralegal
LAT	Latin
LIB	Library Science
MAR	Marine Sciences
MAS	Medical Assisting Technology
MAT	Mathematics
MGT	Management
MKT	Marketing
MPM	Medical Practice Management
MSL	Military Science and Leadership
MUH	Music History
MUS	Music
NAT	Natural Science
NET	Network Security and Electronics
NFA	Nutrition, Foods, and Food Administration
NSC	Nursing (Baccalaureate)
NUR	Nursing (Associate)
OHO	Ornamental Horticulture
OSH	Occupational Safety
OTS	Occupational Therapy
PHE	Physical Education
PHI	Philosophy
PHY	Physics
PLS	Police Studies
POL	Political Science
PSY	Psychology
PUB	Public Relations
QMB	Quantitative Methods
REC	Recreation and Park Administration
REL	Religion
RST	Real Estate
SCI	Science
SED	Special Education
SOC	Sociology
SPA	Spanish
STA	Statistics
SWK	Social Work
TEC	Technology, General
THE	Theatre Arts
TRS	Traffic Safety
WGS	Women and Gender Studies

## Course Numbering

Courses are numbered according to the following plan:

000-099	are remedial non-degree credit courses
100-199	are primarily for freshmen
200-299	are primarily for sophomores
300-399	are primarily for juniors
400-499	are primarily for seniors
500-599	are primarily for seniors and are linked with 700 level graduate courses

A student may not take a course numbered more than one year above his/her classification level without advisor permission. To take courses numbered 300 and above in *EKUBusiness* see the

College of Business and Technology section for requirements for BBA degree.

Special approval must be obtained from the dean of the college offering a 500-level course in order for junior-level students to enroll. (Students of less than junior status or unapproved juniors cannot be admitted to a 500-level course and will be disenrolled by the Registrar if such an enrollment occurs.)

## Course Descriptions

The semester hours which may be earned by successful completion of a course are indicated in parentheses immediately following the course title, e.g., (3).

A course is offered during the semester indicated by the term-offering designation immediately following the credit hours earned:

### I—Fall Semester

### II—Spring Semester

### A—By Announcement

A course is offered during the indicated semester or by announcement on the assumption there will be adequate enrollment. If a course does not obtain adequate enrollment, it is subject to cancellation. The University reserves the right to cancel any course if the enrollment is not sufficient, to divide a course if the enrollment is too large for efficient instruction, and to change instructors when necessary.

The description of the course format for courses which include a laboratory experience is found at the end of the course description. A course which consists of three hours of classroom lecture and two hours of laboratory per week is described as "3 Lec/2 Lab."

Courses approved for general education are noted as such by the phrase "Gen. Ed." and a number following the course description. The number refers to the general education block to which the course may be applied. Letters in brackets [ ] designate Kentucky statewide General Education core coding. See General Education Requirements in Section Four.

## Applied Learning / Cooperative Education

### XXX—349 Applied Learning

### XXX—349 A-N Cooperative Education

Students may register for additional hours of applied learning and cooperative education beyond those specified in each course description. However, courses students are taking will then fall into a repeat cycle where the last course taken replaces the former course so that no more than the limit noted may be counted toward a degree program, minor, or certificate.

**ACC—Accounting****Dr. Oliver Feltus, Chair**

**ACC 201 Introduction to Financial Accounting. (3) I, II.** Prerequisite: MAT 105 or higher. A user's approach to understanding financial accounting and reporting, emphasizing how creditors, investors, and others use accounting information in decision making and why financial accounting information is important to these users.

**ACC 202 Introduction to Managerial Accounting. (3) I, II.** Prerequisite: ACC 201 with a grade of "C-" or better. A study of the objectives, preparation and uses of managerial accounting information primarily from a user perspective. Emphasis on measurement, allocation, and reporting of costs to identify and solve business problems.

**ACC 222 Individual Income Taxes. (3)** Non-accounting majors only. Introduces concepts, techniques, and practices necessary for the preparation of individual income tax forms for the State of Kentucky and the U.S. Government.

**ACC 250 Financial Accounting Cycle. (1) I, II.** Prerequisite: ACC 201 with a grade of "C-" or better. Financial accounting cycle identifying, measuring, recording, and processing business data within the financial accounting system using appropriate software package.

**ACC 301 Principles of Accounting — Intermediate. (3) I, II.** Prerequisites: ACC 201, 202, 250, ECO 230, QMB 200 (or STA 215 or 270), 240 (or MAT 211 or 124 or 261); and CMS 100 or 210 with a grade of "C" or better in each course. Proficiency in spreadsheet and word processing capability is required. Financial statements, current assets, investments, current and long-term liabilities, acquisitions, use and retirement of plant and equipment.

**ACC 302 Principles of Accounting — Intermediate. (3) I, II.** Prerequisite: ACC 301 with a grade of "C-" or better. Capital stock, financial statement analysis, statement of cash flows, lease and pension accounting, accounting changes, and deferred taxes.

**ACC 322 Tax I. (3) I, II.** Prerequisite: ACC 201 with a grade of "C-" or better and junior standing. Income tax legislation—Federal and State; returns for individuals; gross income; basis and determination of gain or loss; capital gains and losses; dividends, deductions; withholding.

**ACC 327 Cost Accounting. (3) I, II.** Prerequisite: ACC 202 and 250 with a grade of "C-" or better. Cost flows and cost systems; the cost accounting cycle; basic cost determination systems and procedures; standard costing; budgeting and decision making applications.

**ACC 349 Applied Learning in Accounting. (1-8) A.** Prerequisites: minimum GPA of 2.25 and 60 credit hours. Co-op Coordinator approval is required. Approved work experience directly related to academic major and/or career goals. Minimum of 80 hours work required for each credit hour. Three hours may be used as a major elective. Additional hours may be used to fulfill the 150-hour CPA exam requirement. May be repeated for a total of 16 credit hours.

**ACC 349 A-N Cooperative Study: Accounting. (1-8) A.** Prerequisites: minimum GPA of 2.25 and 60 credit hours. Co-op Coordinator approval is required. Approved work experience directly related to academic major and/or career goals. Minimum of 80 hours work required for each credit hour. Three hours may be used as a major elective. Additional hours may be used to fulfill the 150-hour CPA exam requirement. May be repeated for a total of 16 credit hours.

**ACC 350 Accounting Information Systems. (3) I, II.** Prerequisite: A minimum grade of "C" in ACC 202 and (CIS 212 or CSC 104.) An introduction to manual and computer-based accounting information systems. Topics include AIS components, transaction cycles, system development, internal controls, and the audit process. The course stresses problem solving, critical thinking, and computer application skills.

**ACC 390 Internship In Accounting. (4) II.** Prerequisites: "B" average and departmental approval.

By invitation only.

**ACC 425 Accounting Theory. (3) I, II.** Prerequisites: ACC 302 with a grade of "C" or better and CCT 300W. Emphasis on a conceptual understanding of accounting principles using literature published by the AICPA, FASB, and current writers. Accounting history, SEC, legal liability, conceptual framework. SFAS's and APB's.

**ACC 440 Legal Aspects of Accounting. (3) I, II.** Prerequisites: Junior standing (60 hours or more). Law as it relates to the accounting profession.

**ACC 441 Auditing I. (3) I, II.** Prerequisites: ACC 302, CIS 335, and CCT 300W with grades of "C" or better. Professional ethics; accountant's legal responsibility; internal control; general arrangement and procedure of an audit; asset accounts; liability accounts; operating accounts; the audit report.

**ACC 490 Special Problems in Accounting. (1-6) A.** May be retaken under different sub-topics to a cumulative maximum of six hours. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

**ACC 501 International Accounting and Combinations. (3) II.** Prerequisite: ACC 302 with a grade of "C-" or better. Corporate combinations including consolidated balance sheets and income statements and special problems with consolidations. International topics: standards, foreign exchange transactions and translation of financial statements of foreign subsidiaries.

**ACC 521 Fund Accounting. (3) I.** Prerequisite: ACC 302 with a grade of "C-" or better. Advanced study in accounting and fiscal procedures for institutions and federal, state, county, and municipal governments.

**ACC 523 Taxation of Corporations. (3) I, II.** Prerequisite: ACC 322 with a grade of "C-" or better. Federal income tax report preparation with emphasis on partnership and corporate returns; estate and trusts; gift and estate taxes; special problems in preparation of tax returns.

**ACC 525 Forensic Accounting. (3) A.** Prerequisites: ACC 301 and 322 with a grade of "C-" or better. A study of investigative accounting procedures and techniques used in litigation support. Topics to be covered include financial reporting fraud, employee fraud, income reconstruction methods, testifying as an expert witness, evidence management, cybercrime, and business valuations.

**ADM—Apparel Design and Merchandising****Dr. Diane Leggett, Chair**

**ADM 102 Introductory Apparel Production. (3) I, II.** Basic principles of apparel production; selection, alteration, and fitting of commercial patterns.

**ADM 119 Introduction to Apparel Design and Merchandising. (3) I.** An introductory study of apparel and textile producers, designers, merchandisers, retailers, consumer characteristics, consumer behavior, and ethical issues. Information sources about the industry and consumers are examined. Exploration of career opportunities.

**ADM 201 Introduction to Textiles. (3) I, II.** Introduction to fibers, yarns, fabrics, colorations, and finishes. Emphasis on consumer use. 2 Lec/2 Lab.

**ADM 203 Pattern Alteration and Fitting. (3) II.** Prerequisite: ADM 102. A basic study of pattern alteration and fitting using commercial patterns.

**ADM 210 Dress, Appearance and Culture. (3) A.** Prerequisites: CDF 132 and PSY 200. Social, cultural, and psychological factors which influence beliefs, attitudes and choices regarding appearance and dress of individuals and groups.

**ADM 222 Fashion Illustration. (3) A.** Methods and materials for clothing illustration, including sketching of the elongated fashion figure and computer-aided-design. Illustration, color and fabric rendering of original designs and clothing lines.

**ADM 300 Apparel and Textile Sourcing. (3) I.** Prerequisites: ADM 119, 201, and ECO 230. Study of domestic and international apparel and textile

sources of supply. Examines topics related to textile/apparel production, manufacturing, import/export, retailing and consumption.

**ADM 302 Textile Evaluation and Specification. (3) II.** Prerequisite: ADM 201. Performance evaluation of textiles. Examination and development of textile standards and specifications. 2 Lec/2 Lab.

**ADM 310 Historical Costume and the Social Order. (3) I.** Cross listed as WGS 310. History of dress from ancient Egypt through the 20th century. Factors which influence the style of dress are studied and relationship between costume of the past and current modes. Credit will not be awarded for both ADM 310 and WGS 310.

**ADM 312 Flat Pattern Draping Design. (3) A.** Prerequisites: ADM 102 or department approval. Development of apparel designs through flat pattern and draping techniques.

**ADM 313 Apparel Design and Quality. (3) II.** A study of apparel selection including terminology, sizing of ready-to-wear, factors influencing quality levels of sewn products, and principles of design and aesthetics of dress.

**ADM 319 Apparel Merchandising. (3) A.** Prerequisites: ADM 119 and ECO 230. The merchandising of apparel, including merchandise control, buying procedures, vendors, vendor relations, planning assortments and budgets for basic and fashion categories. Practice in merchandise mathematics.

**ADM 339 Visual Merchandising. (3) I.** Prerequisite: junior standing or department approval. Principles and techniques used in the display of fashion merchandise and their application in planning and actual display of fashion goods for store windows and interiors.

**ADM 349 Applied Learning in Apparel. (1-8) A.** Work under faculty and field supervisors in placements related to academic studies. One to eight hours credit per semester. Total hours: eight, associate; sixteen, baccalaureate. Minimum of 80 hours work required for each academic credit.

**ADM 349 A-N Cooperative Study: Apparel. (1-8) A.** Work under faculty and field supervisors in placements related to academic studies. One to eight hours credit per semester. Total hours: eight, associate; sixteen, baccalaureate. Minimum of 80 hours work required for each academic credit.

**ADM 411 Advanced Apparel Production. (3) A.** Prerequisites: ADM 102 or department approval. Tailoring and other advanced apparel production techniques. Exploration of appropriate production techniques for specialty fabrics.

**ADM 412 Advanced Apparel Design. (3) A.** Prerequisites: ADM 201 and 312 or department approval. Solving design problems through fabric selection, patterning techniques, and apparel production methods. Presentation of design concepts in a portfolio.

**ADM 413 Apparel Product Development. (3) II.** Prerequisites: ADM 102, 210, 300, 313, 349. Problem solving and the development of sewn products and services in the apparel industry.

**ADM 414 Apparel Design and Merchandising Practicum. (6) A.** Prerequisites: ADM 312 or 319, 413 and 2.0 cumulative GPA. Supervised practicum studying apparel design and/or merchandising in manufacturing, design, retail or wholesale firms.

**ADM 419 Special Problems in ADM. (1-3) A.** Prerequisites: 3.0 GPA and department approval. The student selects a problem and works under the supervision of the instructor. Students must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment. May be retaken to a maximum of six hours provided topics differ.

**ADM 550 ADM Topics: \_\_\_\_\_. (1-3) A.** A course designed to offer specialized expertise in numerous areas related to textiles, clothing, and fashion. May be retaken to a maximum of six hours provided topics vary.

**AEM— Applied Engineering Management**  
**Dr. Dennis Field, Coordinator**
**AEM 192 Descriptive Geometry. (3)**

**II.** Formerly INT 192. Prerequisite: TEC 190. Application of the theory of orthographic projection to the graphical representation and solution of three-dimensional problems. 2 Lec/2 Lab.

**AEM 195 Computer Aided Drafting. (3)**

**I, II.** Formerly INT 195. Prerequisite: TEC 190. A study of the computer aided drafting (CAD) software commands. Content will include basic fundamentals, drawing and editing commands, input/output methods, and industry application. 2 Lec/2 Lab.

**AEM 200 Introduction to Industrial**

**Distribution. (3) I, II.** Formerly INT 200. The study of the distribution industry including channels of distribution, roles of manufacturers, industrial distributors, and customers, and understanding the process of receiving and distributing commercial products within the supply chain. A survey of current trends in global logistic and warehouse management.

**AEM 201 Metallic Material Processes. (3) I,**

**II.** Formerly INT 201. Introduction to manufacturing processes involving metallic materials. Families of processes covered are casting, molding, forming, separating, conditioning, assembling, and finishing. 2 Lec/2 Lab.

**AEM 202 Introduction to Quality. (3) I,**

**II.** Formerly INT 202. Prerequisite: STA 215 or 270 or QMB 200 and MAT 107 or higher mathematics. Role of statistical thinking in modern quality control. Methods for problem solving, data collection, and process improvement. Deriving actionable conclusions from data analyses. Understanding, quantifying, and reducing variation to improve business performance.

**AEM 238 Industrial Materials. (3) I, II.**

Formerly INT 238. Prerequisite: CHE 101 and 107 or CHE 111 and 115. Structure, composition, properties, and common industrial applications of metals, plastics, woods, composites, ceramics, and other materials. Use of common testing machines for standard materials testing. 2 Lec/2 Lab.

**AEM 242 Furniture and Cabinet**

**Construction. (3) A.** Formerly INT 242. Prerequisite: TEC 141. Principles of furniture and cabinet construction, elements of structural design, advanced woodworking operations; care and sharpening of tools; related technical information; furniture and cabinet construction and finishing. 2 Lec/2 Lab.

**AEM 301 Non-Metallic Material Processes.**

**(3) II.** Formerly INT 301. Prerequisite: AEM 238. Introduction to manufacturing processes used to shape or form wood, plastic, and composite materials. Families of processes covered are casting, molding, forming, separating, conditioning, assembling, and finishing. 2 Lec/2 Lab.

**AEM 308 Methods of Lean Operations. (3)**

**I, II.** Formerly INT 308. Prerequisite: STA 215 or 270 or QMB 200 and MAT 107 or higher. Examination of lean principles, such as value mapping, continuous flow, continuous improvement, determination of customer demand, and standard work. Concepts and implementation of pull, line balancing, lean accounting, FMEA, time studies, and total productive maintenance.

**AEM 310 Computer Communications in**

**Industry. (3) I.** Formerly INT 310. Prerequisites: ENG 102 and TEC 161. A conceptual approach to computer aided communication systems typically applied in industrial environments. Emphasis will be placed on utilizing computer technology to integrate text and graphics in the preparation of documents and presentation materials.

**AEM 320 Warehousing and Material**

**Handling. (3) A.** Formerly INT 320. Pre/Corequisites: AEM 202 and 308. A laboratory oriented course that examines basic warehouse layout configurations, material flow, an a critical evaluation of the application of computers to control material flow, plus the use of computer simulation to analyze various warehouse layout options for scheduling, picking and material

tracking.

2 Lec/2 Lab.

**AEM 330 Dimensional Metrology. (3)**

**A.** Formerly INT 330. Prerequisites: MAT 108 and TEC 190. A study of geometric dimensioning and tolerancing as used in detail working drawings and the principles, standards, equipment, and techniques of precision electronic and mechanical measurement. 2 Lec/2 Lab.

**AEM 332 Process Control and Auditing.**

**(3) A.** Formerly INT 332. Prerequisite: AEM 202. An advanced study of the Statistical Process Control methods and procedures in industry, and auditing as a method of evaluating the documentation, implementation, and effectiveness of a Quality System.

**AEM 336 Reliability and Sampling. (3)**

**A.** Formerly INT 336. Prerequisite: AEM 202. An overview of reliability, testing, and sampling theories. Topics include component and system reliability, product safety, sampling plans, control charts, and standards.

**AEM 338 Engineered Materials Testing. (4)**

**A.** Prerequisites: AEM 201 and TEC 190 and MAT 108. Structure, composition, properties, tolerances, standards, and common applications of engineering materials. Use of GD&T and techniques for precision electronic and mechanical measurement and testing.

**AEM 349 Applied Learning in Industrial**

**Technology. (1-8) I, II.** Formerly INT 349. Prerequisite: departmental approval. Work under faculty and field supervisors in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate, sixteen, baccalaureate. A minimum of 80 hours work required for each academic credit.

**AEM 349 A-N Cooperative Study: Industrial**

**Technology. (1-8) I, II.** Formerly INT 349 A-N. Prerequisite: departmental approval. Work under faculty and field supervisors in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate, sixteen, baccalaureate. A minimum of 80 hours work required for each academic credit.

**AEM 352 Automated Technology Devices.**

**(3) A.** Formerly INT 352. Prerequisite: EET 251. The electronic hardware used in computer integrated manufacturing. Topics include PLCs, interfacing devices, sensors, data entry and bar coding, motors, ADCs, and DACs. 2 Lec/2 Lab.

**AEM 371 Hydraulics and Pneumatics. (3)**

**II.** Formerly INT 371. Principles of the operation, construction, control, and application of hydraulic and pneumatic components and circuits. The study of control applications includes manual, mechanical, fluid, electrical, and computer controlled fluid circuits. 2 Lec/2 Lab.

**AEM 382 Advanced Material Processing.**

**(3) A.** Formerly INT 382. Prerequisites: AEM 201 and 301. A laboratory course involving advanced material processing which includes project planning and management, machining, welding, precision layout, and measuring. Students will design and fabricate projects that include two-part mold designs, CNC machining, and multi-process welding. 2 Lec/2 Lab.

**AEM 383 CAD/CAM Integration. (3) A.**

Formerly INT 383. Prerequisites: AEM 201. The use of computer application software to link data bases created with computer aided design software to computer numerical controlled machine tools. 2 Lec/2 Lab.

**AEM 390 Advanced Computer Aided**

**Design. (3) A.** Formerly INT 390. Prerequisite: AEM 195. A study of advanced topics in three-dimensional computer aided design. The content will include advanced modeling and rendering. 2 Lec/2 Lab.

**AEM 392 Computer Aided Machine**

**Drawing. (3) I.** Formerly INT 392. Prerequisite: AEM 195. Computer generated detail and assembly drawings. Topics include threads and fasteners, gearing and cams, and dimensioning and tolerancing.

2 Lec/2 Lab.

**AEM 397 Advanced Machine Drawing.**

**(3) A.** Formerly INT 397. Prerequisites: AEM 390 and 392. Advanced machine drawing applications to include detail and assembly drawings, threads and fasteners, gearing and cams. Emphasis on shape description. 2 Lec/2 Lab.

**AEM 400 Distribution Operations**

**Management. (3) II.** Formerly INT 400.

Prerequisites: AEM 200, AEM 308 and MKT 312. A course designed to build upon previous distribution related topics that assist in making strategic decisions in distribution operations. An integration of warehouse types and configurations, stock analysis and control, picking and packing, plus value added analysis related to customer service and return on investment.

**AEM 406 Integrated Materials Mgmt. (3)**

**I, II.** Formerly INT 406. Prerequisite: AEM 202. A senior course which examines consumer demand characteristics, product bill materials, establishing sales and operations plans, planning and controlling inventory in the supply chain.

**AEM 408 Human Resource Development.**

**(3) I, II.** Formerly INT 408. Topics in human relations and production management. To be scheduled the semester before graduation.

**AEM 499 Senior Capstone Project. (3) II.**

Formerly INT 499. Prerequisite: AEM 352, 371 and Senior Standing. A synthesis experience involving the application of theory in solving a realistic industrial problem. Emphasis is placed upon project setup, solution, justification, report and presentation. 2 Lec/2 Lab.

**AEM 506 Six Sigma Quality. (3) A.**

Formerly INT 506. Prerequisite: AEM 202. A study of six sigma methodology and current practices with an emphasis on key quality drivers and statistical methods for world-class products and companies.

**AEM 530 Design of Experiments. (3) A.**

Formerly INT 530. Prerequisite: AEM 202. Principles and practices of efficient experiment design for industry. Topics include the philosophy of experiment design, comparison of various designs, hypothesis testing, and the analysis of data.

**AFA— African/African-American Studies**

**Dr. Onda Bennett, Dean**  
**Dr. Salome Nnoromele, Director**

**AFA 201 The African Experience. (3) A.**

Introduces students to the historical, socio-economic, cultural, and political experiences of African people in Africa and Diaspora. It fulfills a core requirement for African/African-American Studies. Credit will not be awarded for both AFA 201 and 201W. Gen. Ed. IIIB, VII (AH), and VIII. [AH].

**AFA 201W The African Experience. (3) A.**

Introduces students to the historical, socio-economic, cultural, and political experiences of African people in Africa and the Diaspora. It fulfills a core requirement for African/African-American Studies. Credit will not be awarded for both AFA 201W and 201. Gen. Ed. IIIB, VII (AH), and VIII. [AH].

**AFA 330 U.S. South and Black Education (3).**

**A.** Cross listed as EDF 330. This course introduces the major themes of Black populations pursuing educational opportunities in Southern States in the U.S. Students will acquire knowledge about historical events, people and policies shaping the evolution of Blacks in education. Credit will not be awarded for both AFA 330 and EDF 330. Gen. Ed. VIII.

**AFA 202 The African-American**

**Experience. (3) A.** An overview of the historical, social, political, economic, and cultural factors that have helped shape the experiences of African Americans in the United States. It fulfills a core requirement for African/African-American Studies. Gen. Ed. VII (SBS) and VIII.

**AFA 225 African/African-American Health**

**Issues. (3) A.** Cross listed as EHS 225. Provides the student with an understanding of the medical and public health issues relevant to the maintenance of

health conditions both in the United States and Africa. Credit will not be awarded for both AFA 225 and EHS 225.

**AFA 304 Slavery in the Americas. (3)**

A. Cross listed as HIS 304. The history of slavery, bound labor, and freedom in the Western Hemisphere. Special attention will be given to anti-slavery and abolitionist movements. Credit will not be awarded for both AFA 304 and HIS 304.

**AFA 305 African American History.**

(3) A. Cross listed as HIS 305. African history to 1500: Europe, Africa, and the Americas; trans-Atlantic and domestic slave trades; American slavery; emancipation; post-emancipation experiences and initiatives; persistence of black nationalism. Credit will not be awarded for both AFA 305 and HIS 305.

**AFA 345 Minority Group Politics. (3) A.**

Cross listed as POL 345. Examination and comparison of various theories, strategies, forms of participation, leadership styles, and concepts (e.g. Black Power) of minority group politics. Credit will not be awarded for both AFA 345 and POL 345. Gen Ed. VIII.

**AFA 346 Diversity and Criminal Justice.**

(3) A. Cross listed as CRJ 345. Prerequisite: departmental approval. Contemporary race, gender, and other diversity issues and their relevance to criminal offenders, crime victims, and the criminal justice system. Includes such issues as the civil rights and women's movements, and equal opportunity. Credit will not be awarded for both AFA 346 and CRJ 345.

**AFA 347 Special Topics in AFA Studies.**

(3) A. Specialized study of selected topics not available in traditional course offerings. May be retaken with different topics to a maximum of six hours.

**AFA 349 Applied Learning in AFA Studies.**

(1-3) A. Work in a cooperative placement related to student's academic studies. May earn a maximum of three hours. A minimum of 80 hours work required for each semester hour credit.

**AFA 349 A-N Cooperative Study: AFA Studies. (1-3) A.** Work in a cooperative placement related to student's academic studies. May earn a maximum of three hours. A minimum of 80 hours work required for each semester hour credit.

**AFA 360 Literature of Africa. (3) A.**

Cross listed as ENG 360. Survey of the genres and components of African literature, oral and written; study of how key concepts in African thought, culture and experiences are reflected in the literatures composed by writers from Africa or of African origin. Credit will not be awarded for both AFA 360 and ENG 360.

**AFA 361 African-American Literature. (3)**

A. Cross listed as ENG 361. Survey of selected works of African-American literary traditions. Credit will not be awarded for both AFA 361 and ENG 361.

**AFA 367 African Caribbean Literatures.**

(3) A. Cross listed as WGS 367. A study of selected literatures written by Caribbean writers of African descent. Credit will not be awarded for both AFA 367 and WGS 367.

**AFA 372S Blacks in Madison County (3)**

A. Through a service-learning approach this course provides an opportunity for students to research the historical people, institutions, and cultural factors that helped shape the experience of African-Americans in Madison County, Kentucky.

**AFA 378 Black Women in History. (3)**

A. Cross listed as WGS 378. Examines the lives of African-American women from slavery to the present with emphasis on the impact of race, gender, and class issues on their multi-faceted lives as women in America. Credit will not be awarded for both AFA 378 and WGS 378.

**AFA 385 Early African History. (3) A.**

Cross listed as HIS 385. Prerequisite: three hours HIS or departmental approval. History of Africa from earliest times to 1860. Emphasis on social, political, economic, and cultural change in states and societies;

oral tradition; the environmental and human activities; slavery and the slave trades. Credit will not be awarded for both AFA 385 and HIS 385.

**AFA 386 Modern African History. (3) A.**

Cross listed as HIS 386. History of Africa from the 19th century to the present. Themes include: trade and politics; European conquest and African resistance; rural survival and urban popular culture; race, class, gender, ethnicity, and age; African nationalism and independence. Credit will not be awarded for both AFA 386 and HIS 386.

**AFA 388 Islam in West Africa. (3) A.**

Cross listed as HIS 388. History of Islam and politics in West Africa from 1000 C.E. to the present. Emphasis on the role of Islam in major socio-economic, political, and cultural transformations of West African states and societies. Credit will not be awarded for both AFA 388 and HIS 388.

**AFA 435 U.S. Civil Rights Movement. (3)**

A. Cross listed as HIS 435. Prerequisites: three hours AFA or departmental approval. Examination through primary and secondary sources of the origins, course, ideologies, and legacy of the mid-twentieth century American movement for racial justice and equality. Discussion of the central scholarly issues in civil rights studies. Credit will not be awarded for both AFA 435 and HIS 435.

**AFA 495 Independent Study. (3) A.**

Prerequisites: AFA 201, AFA 202, departmental approval. Individual study and/or research on a problem/topic pertaining to African, African-American and/or Afro-Caribbean experience. Student must have the independent study proposal form approved by the faculty supervisor and the program director prior to enrollment.

**AFS—Aerospace Studies (Air Force ROTC)  
Lt. Colonel Kelvin O'Dell, Chair  
University of Kentucky  
(859) 257-7115**

Leadership Seminar is open to students who are members of the Air Force Reserve Officer Training Corps or are eligible to pursue a commission as determined by the Professor of Aerospace Studies.

**AFS 111 Aerospace Studies I. (1) I.** This course deals with the Air Force in the contemporary world through a study of the total force structure, strategic offensive and defensive forces, general purpose forces, and aerospace support forces.

**AFS 112 Leadership Seminar. (1) I.** Introduces Air Force customs and courtesies, drill and ceremonies, and wear of the uniform. The course also includes a discussion of career opportunities in the Air Force.

**AFS 113 Aerospace Studies I. (1) II.** A continuation of AFS 111.

**AFS 114 Leadership Seminar. (1) II.** A course designed to develop managerial skills including superior/subordinate relationships, communications, customs and courtesies, basic drill movements and career progression requirements. Credit will not be granted toward the requirements for the degree. Pass-Fail only.

**AFS 211 Aerospace Studies II. (1) I.** This course is a study of air power from balloons and dirigibles through the jet age. It is an historical review of air power employment in military and nonmilitary operations in support of national objectives; and a look at the evolution of air power concepts and doctrine.

**AFS 212 Leadership Seminar. (1) I.** Air Force customs, courtesies, and opportunities are emphasized. The cadet is prepared for individual, flight, and squadron movements in drill and ceremonies.

**AFS 213 Aerospace Studies II. (1) II.** A continuation of AFS 211.

**AFS 214 Leadership Seminar. (1) II.**

Emphasis on preparing cadets for attendance at field training during succeeding summer.

**AFS 311 Aerospace Studies III. (3) I.**

Prerequisite: acceptance into the professional officer course. A study of management functions with emphasis on the environment. Individual motivational and behavioral process, communication, and group dynamics are included for the development of professional skills.

**AFS 312 Leadership Seminar. (1) I.**

Involves the cadets in advanced leadership experiences to prepare for active duty. Cadet responsibilities include planning, organizing, directing, coordinating, and controlling the activities of the cadet corps and preparing briefings and written communications.

**AFS 313 Aerospace Studies III. (3) II.**

Prerequisite: AFS 311. A study of leadership with specific emphasis on the Air Force leader. Includes theoretical, professional, and communicative aspects. In addition, military justice and administrative law are discussed within the context of the military organization.

**AFS 314 Leadership Seminar. (1) II.**

Cadets continue preparations for fulfilling leadership positions as an active duty Air Force officer.

**AFS 411 Aerospace Studies IV. (3)**

I. Prerequisites: AFS 311 and 313. A study of the military profession, civil-military interactions, communication skills, framework of defense policy, and formulation of defense strategy.

**AFS 412 Leadership Seminar. (1) I.**

Involves the cadets in higher level advanced leadership experiences. In addition, the cadets receive a final block of instruction for Initial Commissioned Service.

**AFS 413 Aerospace Studies IV. (3) II.**

Prerequisite: AFS 411. Continues the study of strategy and the management of conflict, formulation and implementation of U.S. defense policy, defense organization, and case studies in defense policy making.

**AFS 414 Leadership Seminar. (1) II.**

Cadets prepare for Initial Commissioned Service by fulfilling advanced leadership positions. Continued emphasis on group dynamics and the role of future leaders in the Air Force.

**AFS 495 Independent Work. (2-6) A.**

Prerequisite: approval of professor of aerospace studies. A study of an advanced problem on an aerospace subject under the guidance of the Chairman of the Department of Aerospace Studies.

**AGR—Agriculture**

**Dr. Bruce Pratt, Chair**

**AGR 105 Introductory Topics in**

**Agriculture. (3) I, II.** A non-structured course for incoming students who have met the secondary skills standard examination requirements in the area of agriculture. Departmental chair approval required prior to enrollment. May be taken to a maximum of 6 hours.

**AGR 110 Introduction to American**

**Agriculture. (2) A.** The agriculture industry in the United States from significant past events to current status. Complexities of laws and regulations and their influence on the farmer's ability to produce for U.S. and World Markets. Credit may not be counted toward major or minor in the Department.

**AGR 125 Principles of Animal Science.**

(3) I. Corequisite: AGR 126. Management and production of livestock enterprises; types, market classes, and grades of beef cattle, sheep and swine, and the breeds and products of dairy cattle.

**AGR 126 Animal Science Laboratory. (1)**

I. Corequisite: AGR 125. Applied principles in the proper handling, restraint, and management techniques in beef, dairy, sheep, swine, and horses.

**AGR 130 Principles of Agronomy. (3) I.**

Corequisite: AGR 131. Principles of plant growth, reproduction, crop-soil relationships. Provides foundations of information for further study in field crop production and soil management.

**AGR 131 Agronomy Laboratory. (1)**

I. Corequisite: AGR 130. Laboratory and field experiences related to plant growth, development, and

management of agronomic resources.

**AGR 210 Agricultural Measurements.**

(2) A. Prerequisite: MAT 105 or higher. Measuring and computing areas of land, volumes and capacities of buildings, and feed structures, spray mixtures, fertilizer needs, parts per million, feed rations and other measurement situations encountered on the farm. Majors must take AGR 210 during the first 60 hours of course work or credit will not be awarded. Transfer students must take AGR 210 during their first semester after declaring a major.

**AGR 213 Principles of Agricultural Mechanics. (4) I, II.** Principles of operation, maintenance, and repair of gasoline engines and electrical motors; basic electrical circuits and electrical controls for agricultural mechanization systems and power requirements for agricultural structures; theoretical and practical experience.

**AGR 215 Principles of Soils. (3) I, II.** Prerequisite: include CHE 101 or CHE 105 or CHE 111. Soil origin, classification and properties, soil conservation, soil microorganisms, organic matter, soil water, soil minerals, lime and commercial fertilizers, soil erosion, soil management.

**AGR 225 Evaluation and Selection of Livestock. (3) II.** An evaluation of dairy cattle, beef cattle, swine and sheep; use of records, body type ratings, and carcass information as they relate to functional anatomy and efficiency of production; sire selection and pedigree interpretation. 2 Lec/2 Lab

**AGR 250 Light Horse Production and Management. (3) A.** History and role of equine industry, breeds of horses and ponies for work and pleasure, includes management, breeding, pests, and care of horses.

**AGR 255 Companion Animal Management. (3) A.** Care and management of dogs, cats, rabbits, birds, reptiles and tropical fish. Companion animal breeds, behavior, nutrition, genetics and reproduction will be emphasized.

**AGR 272 Agricultural Machinery and Safety. (3) II.** Selection, operation, maintenance and safe use of agricultural machinery used in the production and processing of agricultural products. Students will experience assembling different types of new farm machinery and reconditioning old machinery. 2 Lec/2 Lab.

**AGR 300 Travel Study in Agriculture Technology. (1-6) A.** A travel course for groups and individuals in agriculture and horticulture to study new and emerging technologies in agriculture and horticulture, structural organizations of agricultural enterprises, and professional and interpersonal relationships. May be retaken once.

**AGR 301 Directed Work Experience. (1-4) I, II.** A minimum of three hours per week per hour of credit using university or other approved facilities. May be retaken for a maximum of 4 credit hours.

**AGR 302 Directed Work Experience - Management Practicum. (3) I, II.** Student will schedule nine hours of work per week during the semester on a university farm to practice management and production skills related to a livestock herd or machinery operations. Options may be taken to a maximum of 12 hours.

**AGR 302A Agricultural Mechanization Option.**

**AGR 302B Beef Cattle Option.**

**AGR 302C Swine Option.**

**AGR 302D Dairy Cattle Option.**

**AGR 302E Crops Option.**

**AGR 302F Sheep Option.**

**AGR 304 Pest Management. (4) II.** Identification of the principal agriculture and horticulture insect disease and weed pests in Kentucky. Control measures are identified with special emphasis on the safe use of chemicals and equipment calibration.

**AGR 305 Professional Skills Seminar. (1) A.** Prerequisite: completion of 30 hours in the Associate or more than 60 hours and less than 90 hours in the Bachelor Degree Program. Course

prepares students for the job market including; resume development, cover letter preparation, job interview skills and oral presentations.

**AGR 306 The Global Society's Food Supply. (3) A.** A study of the complexities of the global food and fiber supply including the production, manufacturing and distribution systems. These studies include historical influences, current topics and health related food issues.

**AGR 308 Agricultural Economics. (3) I, II.** Prerequisite: ECO 230. An introduction to the economic environment of the agribusiness sector. Examines the role of agriculture in the U.S. and world economies. Includes concepts and principles concerning individual agribusiness decision making.

**AGR 310 Principles of Agribusiness Management. (3) II.** Prerequisite: AGR 308. Organization and operation of the farm related agricultural business with emphasis on budgeting, enterprise selection, financial statements, and resource management. Includes microcomputer applications and survey of government regulations that are applicable to topic.

**AGR 311 Agriculture Metal Fabrication. (2) A.** Principles and techniques of arc and oxyacetylene welding and soldering as it pertains to fabrication and repair of agriculture machinery and equipment. 1 Lec/2 Lab.

**AGR 312 Advanced Crops; Forage Crops. (3) II.** Prerequisites: AGR 130 and 131. Cultural practices and principles of forage crops, especially grasses and legumes suited to Kentucky farms.

**AGR 315 Technical Soils Laboratory. (2) I, II.** Prerequisite: AGR 215 or concurrently. A soils skill course, recognizing physical characteristics of soils, study of soil types, reading a soil survey map, soil sampling and testing, determining amounts of lime and fertilizer, and applying soil conservation practices. 4 Lab.

**AGR 317 Soil Classification and Morphology. (2) A, I.** Prerequisite: AGR 215. Comprehensive soil survey system, identifying physical and chemical properties of the epipedons and subhorizons of the soil profile and assigning classification designations. 1 Lec/2 Lab. May be repeated for up to six hours of credit.

**AGR 318 Soil/Water Conservation Technology. (3) A, I.** Principles and procedures for basic surveying and soil-water conservation systems. This will include how rainfall, run-off, erosion, contours, ponds, lagoons, drainage, and irrigation interact with the desired conservation system. 2 Lec/2 Lab.

**AGR 319 Renewable and Sustainable Energy Systems. (3) II.** Prerequisite: Junior Standing. Principles of energy and how those needs can potentially be met in the future will be discussed. Comparisons of existing energy sources (fossil fuels, nuclear power) with renewable sources (biomass, solar, and tidal).

**AGR 321 Feeds and Feeding. (4) I.** Feeds used in livestock feeding; including harvesting, storage, feeding characteristics, and ration formulation from these feedstuffs. 3 Lec/2 Lab.

**AGR 324 Beekeeping Methods. (3) II.** Establishing an apiary, maintaining and increasing bee colonies, utilizing bees for pollination, methods of handling bees safely, integrated pest management, harvesting and processing honey.

**AGR 327 Beef Production. (4) I.** Prerequisites: AGR 125 and 126. History, importance, and trends associated with the beef cattle industry; systems of selecting, breeding, feeding, marketing, and management of beef cattle. 3 Lec/2 Lab.

**AGR 328 Swine Production. (4) A.** Prerequisites: AGR 125 and 126. History, importance, and trends associated with the swine industry; systems of selecting, breeding, feeding, marketing, and management of swine. 3 Lec/2 Lab.

**AGR 330 Animal Products. (2) A.** Principles of grading, cutting, identifying, pricing, and consumer

evaluation of poultry, beef, pork, and lamb cuts, and related products. 1 Lec/2 Lab.

**AGR 332 Poultry Production and Management. (3) A.** History and importance of the poultry industry, breeds, breeding, feeding, and management in the layer and broiler industry.

**AGR 340 Conservation of Agricultural Resources. (3) A.** Conservation of soils and their fertility, erosion and control, soil conservation methods for individual farms, water supply and distribution, problems of water and air pollution, problems resulting from the population explosion.

**AGR 345 Sustainable Agroecosystems. (3) A, I.** Prerequisites: any course in chemistry, AGR 130, and 131; or OHO 131 and 132 or BIO 131. A comprehensive study of new technology related to crop, and pest management practices which could enhance economic returns, environmental quality, and the resource base for the short and long term.

**AGR 349 Applied Learning in Agriculture. (1-8) A.** Work under faculty and field supervisors in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate; sixteen, baccalaureate. A minimum of 80 hours work required for each academic credit.

**AGR 349 A-N Cooperative Study: Agriculture. (1-8) A.** Work under faculty and field supervisors in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate; sixteen, baccalaureate. A minimum of 80 hours work required for each academic credit.

**AGR 350 Agricultural Marketing. (3) A.** Prerequisite: AGR 308. A study of concepts, principles and practices of marketing as related to the agribusiness system. Emphasis on agricultural input, production and processing/manufacturing sectors. Includes agriculture futures commodity market theory, mechanics and practical applications.

**AGR 362 Hydraulic Systems. (2) A.** A study of basic principles of hydraulic systems and their application to agricultural and turf equipment. Lab experiences will provide familiarity and practice with equipment. 1 Lec/2 Lab.

**AGR 372 Topics and Laboratories in Animal Science. (1-2) A.** May be taken to a maximum of two hours, provided the topics are different.

**AGR 372A Feeds and Feeding Laboratory.**

**AGR 372F General.**

**AGR 373 Animal Diseases. (3) I.** Prerequisite: six hours of animal science. Treatment, prevention, and eradication of infectious and parasitic disease of farm animals.

**AGR 374 Genetics of Livestock Improvement. (3) II.** Prerequisite: six hours of animal science. Applied genetic principles of improving farm animals including crossbreeding, inbreeding, and other mating plans.

**AGR 375 Reproduction and Artificial Insemination of Domestic Animals. (3) A.** Prerequisite: six hours of animal science. Reproductive systems, study and practice of artificial insemination, and pregnancy diagnosis of domestic animals. 2 Lec/2 Lab.

**AGR 376 Anatomy and Physiology of Domestic Animals. (3) A.** Prerequisite: AGR 125. Fundamental physiological processes of livestock relating to production, nutrition, and diseases. 2 Lec/2 Lab.

**AGR 380 Technical Management of Dairy Cattle. (4) I.** Prerequisites: AGR 125 and 126. History, economics and nutritional importance and trends associated with the dairy industry including systems of selecting, breeding, feeding, sanitation, housing, marketing and management for financial success emphasizing both the cow and herd management. 3 Lec/2 Lab.

**AGR 381 Agriculture Structures. (3) I.** Study the principles of planning, drawing, locating, and constructing farm livestock and materials handling facilities. Also, develop an understanding of closely



related structure aspects: such as, environmental control, waste management, ventilation, and structure design. 2 Lec/2 Lab.

**AGR 383 Diesel Power Systems. (3)**

**I.** Study of the operation, maintenance, and repair of agricultural diesel powered systems; includes electrical systems, fuels, injection pumps, and nozzles; laboratory practice. 2 Lec/2 Lab.

**AGR 409 Agriculture Business Records and Analysis. (3) I.** Management and analysis of record systems for decision support involving organization, enterprise selection, and operation of agricultural and horticultural businesses.

**AGR 410 Special Problems in Agriculture. (1-3) I, II.** Prerequisite: Departmental approval. Cross listed as OHO 410. Students choose a problem and work under the supervision of the instructor in the field of the problem. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment. May be retaken for a maximum of 6 credit hours provided topics are different. Credit will not be awarded for both AGR 410 and OHO 410.

**AGR 411 Senior Seminar. (1) I, II.**

Prerequisite: senior standing. Preparation of graduates to enter the job market. Students complete oral presentations, resumes, job applications, cover letters, job interviews and register with CD and P. Includes overall assessment of the graduate and department curriculum.

**AGR 416 Soil Fertility. (3) A.** Prerequisite: AGR 215. Various soil amendments including lime, organic and inorganic fertilizers, and conditioners are studied and evaluated for their effect on the physical, chemical, and biological properties of soils and subsequent crop yields.

**AGR 417 Plant Tissue Culture Techniques. (3) I, II.**

A study of regeneration and morphogenesis of plant materials with emphasis on media preparation, callus induction, and in vitro propagation for several economic plant species. 1 Lec/4 Lab.

**AGR 421 Animal Nutrition. (3) II.**

Prerequisite: AGR 321 or instructor approval. Principles of nutrition basic to modern livestock feeding; symptoms of nutrient deficiencies, nutritional disorders, metabolism of nutrients, feed additives, and modern methods of feed preparation and feeding.

**AGR 440 Agricultural Financing. (3) II.**

Uses and types of agricultural credit, credit institutions, and relating credit needs to farm enterprises.

**AGR 501 Special Problems in Agriculture. (3) A.**

A course for exceptional seniors involving independent study and research related to problems of a theoretical and/or practical nature. May be retaken to a maximum of six hours. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

**AGR 570 Advanced Technical Agriculture: \_\_\_\_\_.** (3) A.

Advanced study of agriculture with emphasis on updating, understanding, and developing competency in recent technology. May be retaken to a maximum of nine hours provided the topic varies.

**AGR 577 Workshop in the Conservation of Natural Resources. (3) A.** For teachers returning for graduate work. Instruction is given in the areas of soil, water, fish and wildlife, forest conservation, and methods of teaching related units at the elementary and junior high level.

**ANS—Animal Studies  
Dr. Robert Brubaker, Chair**

**ANS 200 Introduction to Animal Studies.**

(3) A. A survey of the field of animal studies, focusing on animals' lives and histories, and the human experience of animals as food, as objects of entertainment, spectacle and science, as companions, and as representations. Gen. Ed. VB, VC, or VII (SBS). [SB].

**ANS 310 Animals in Literature (3) A.**

Prerequisite: ANS 200(C) or ENG 102 or ENG 105(B) or HON 102, or instructor approval. A survey of the

rhetorical and thematic use of animals in imaginative texts.

**ANS 320 Animals in History. (3) A.**

Prerequisite: ANS 200(C) or instructor approval. A survey of the history of animals in European and American cultures, from prehistory to the modern age. Animals are examined as food, objects of entertainment and knowledge, companions, and representations.

**ANS 400 Senior Seminar: \_\_\_\_\_.** (3) A.

Prerequisite: ANS 200(C) and 15 hours of courses required for the ANS major. The examination of a topic in animal studies from the perspectives of application, science, and humanities. May be retaken once, provided the subject matter differs each time.

**ANS 497 Topics in Animal Studies: \_\_\_\_\_.** (3) A.

Prerequisite: ANS 200(C) and 9 hours of courses required for the ANS major, or instructor approval. The course examines a topic in animal studies in detail. May be retaken once, provided the subject matter differs each time.

**ANT—Anthropology  
Dr. Kelli Carmean, Chair**

**ANT 120 Introduction to Cultural Anthropology. (3) I, II.**

Explanation of culture and related concepts. Development of generalizations concerning social, economic, political, and ritual organization, based chiefly on comparative study of various traditional societies. Includes a brief survey of archeology and linguistics. Gen. Ed. VB, VC, or VII (SBS). [SB].

**ANT 200 Anthropology of Human Society. (3) A.**

Study of the evolution of human societies through time and over space. The course focuses on hunter-gatherer, horticultural, agrarian and industrial societies, and their change through time. Credit will not be awarded to students who have credit for both ANT 210 and 211. Gen. Ed. VA, VC, or VII (SBS). [SB].

**ANT 201 Introduction to Physical Anthropology. (3) I, II.**

General survey of the principal areas of physical anthropology, emphasizing contemporary human biological variation and including an appraisal of humankind's place within the biological realm and the role of genetics, osteology, and primatology in the study of humans. 2 Lec/2 Lab. Gen. Ed. VII (NS).

**ANT 250 Magic, Witchcraft, & Religion. (3) A.**

Prerequisites: ANT 120 or 200. An exploration of religious belief in cross-cultural context from the anthropological perspective. Topics include magic, witchcraft, sorcery, monotheism, polytheism, and possession.

**ANT 306 Human Evolution. (3) A.**

Prerequisite: ANT 201. A detailed analysis of primate and human development emphasizing the fossil evidence of humankind's evolution.

**ANT 330 American Indians. (3) A.**

ANT 120 and 200 are advised before taking this course. Descriptive and comparative study of Native American cultures in the past and present.

**ANT 333 First Nations - Canadian**

**Indians. (3) A.** Descriptive and comparative study of representative native cultures of North America, focusing on Canada. Topics include culture area concept, cultural change, techniques of ethnography and ethnohistory, and application of anthropological models (theory). Cultures to be examined in this offering include: Ojibwe (Chippewa), Huron, Cheyenne, Lillooet, Nootka, subarctic Dene (Han and Chipewyan), and Inuit (Copper Eskimo).

**ANT 341 North American Archaeology. (3) A.**

Prerequisite: ANT 120 or 200. A basic but comprehensive introduction to North American archaeology from the earliest peopling through European Contact.

**ANT 351W Archaeology. (3) A.**

Prerequisite: ANT 120 and 200, and ENG 102 or ENG 105(B) or HON 102. A comprehensive introduction to archaeological goals, methods, practice and challenges. Data-based problem solving, critical thinking and

writing are integral components of this course. Credit will not be awarded for both ANT 351W and ANT 350.

**ANT 355 Selected Topics in Archaeology: \_\_\_\_\_.** (3) A.

Prerequisite: ANT 120 or 200 or instructor approval. Sample topics: Old World Paleolithic, Old World Civilizations. May be retaken to a maximum of nine hours, provided the subject matter differs each time.

**ANT 357 Archaeology and the Law. (3)**

**A.** Prerequisite: ANT 120 or 200. Survey of Federal legislation for the management of cultural resources, and the repatriation of human remains and other materials to descendant Native American tribes. Global heritage issues also addressed.

**ANT 360 Mesoamerica Before Cortez. (3)**

**A.** Prerequisites: ANT 120 and 200. The study of archaeological past, the colonial experience, and the contemporary reality of the Indians of Mesoamerica, focusing primarily on the ancient Maya.

**ANT 365 Selected Topics in Physical Anthropology: \_\_\_\_\_.** (3) A.

Completion of ANT 201 is advised before taking ANT 365. Sample topics: monkeys, apes, and humans; human osteology. May be retaken to a maximum of nine hours, provided the subject matter differs each time.

**ANT 370 Primate Conservation (3) A.**

Prerequisite: ANT 201. The local human and biological impact of conservation programs affecting primate communities throughout the world. Topics include forest fragmentation, historical perspectives on conservation, agroforestry, ecotourism, ethnography, and disease.

**ANT 371 Primate Ecology & Sociality. (3)**

**A.** Completion of ANT 201 is advised before taking ANT 371. Ecological relationships within primate communities. Students examine primate social structure, habitat use, diet, locomotion, seasonality, plant-primate interactions, and predator-prey-relationships.

**ANT 375 Selected Topics: \_\_\_\_\_.** (3) A.

Completion of ANT 120 and 200 is advised before taking ANT 375. Sample topics: legal and political anthropology, population genetics, cultural ecology. May be retaken to a maximum of nine hours, provided the subject matter differs each time.

**ANT 380 Forensic Anthropology. (3) A.**

Completion of ANT 201 is advised before taking ANT 380. Forensic osteology and dentistry; including demographic methods, pathology, and practical methods of collecting human physical evidence; and the role of the expert witness. 2 Lec/2 Lab.

**ANT 385 Human Osteology. (3) A.**

Completion of ANT 201 is advised before taking ANT 385.

Introduction to paleopathology, the study of diseases and injuries in ancient human populations, as shown primarily by skeletal remains.

**ANT 391 Marriage & Family Cross-Culturally. (3) A.**

Prerequisites: ANT 120 strongly recommended. An analysis of marital practices, family life, child-rearing, and romance cross-culturally from an anthropological perspective.

**ANT 395 History and Theory of Anthropology. (3) A.**

Completion of ANT 120 or ANT 200 is advised before taking ANT 395. An introduction to past and present major theories created by anthropologists to interpret field data from each of the four subdisciplines, with emphasis upon paradigms in cultural anthropology.

**ANT 400 Kinship and Social Structure. (3)**

**A.** Completion of ANT 120 or ANT 200 is advised before taking ANT 400. Explores anthropological perspectives on the organization of social life emphasizing issues such as incest, family, lineage, clan, and fictive kinship.

**ANT 439 Practicum in Archaeology. (3)**

Prerequisite and/or Corequisite: ANT 351W, 470, or instructor approval. This course pairs senior anthropology majors with professional archaeologists for on-the-job training. Practicum options may include federal and state governments, private archaeological consultants, and anthropology museums.

**ANT 470 Field Methods in Archaeology.**

(3) A. Prerequisite: ANT 351W with a minimum grade of "B." A hands-on study of archaeological field methods including excavation techniques as well as some laboratory analysis of archaeological remains. May be repeated up to six hours provided the dig site is different.

**ANT 490 Tutorial in Anthropology. (1-3)**

A. Prerequisite: student must have the independent study proposal form approved by faculty supervisor and departmental chair prior to enrollment. May be retaken to a maximum of six hours, provided the subject matter differs each time. Directed study in anthropology.

**APP—Appalachian Studies**  
**Dr. Sarah Ziegler, Interim Dean**  
**Dr. Alan Banks, Director**

**APP 200 Introduction to Appalachia. (3) A.**

An introduction to the interdisciplinary study of the Appalachian region. Special emphasis on the region's place in a national and global context, and on internal and external definitions of the region. Gen. Ed. VII.

**APP 340 Environmental Economics. (3)**

A. Cross listed as ECO 340. Prerequisite: ECO 230. Applications of basic economic analysis to a study of the environment and environmental problems. Major topics include benefit-cost analysis for environmental decision-making, the potential for market-based solutions to environmental problems, and the role and development of environmental policy. Credit will not be awarded for both APP 340 and ECO 340.

**APP 350 Special Topics: \_\_\_\_\_ (3) A.**

Exploration of particular topics not covered in the existing curriculum. May be taken for a maximum of six hours provided the subject matter is different each time.

**APP 363 Appalachian Images in Film and Song. (3) A.**

Cross listed as SOC 363. Completion of SOC 131 is advised before taking APP 363. Media images of the Appalachian region and its people through film and music; the processes by which such images become produced and reproduced. Credit will not be awarded for both APP 363 and SOC 363.

**APP 365 Appalachian Literature. (3) I.**

Cross listed as ENG 365. Prerequisite: ENG 102 or 105 or HON 102. Study of selected major Appalachian literature, with emphasis on twentieth-century writers such as Agee, Arnow, Chappell, Dykeman, Miller, Norman, Roberts, Smith, Still and Wolfe. Credit will not be awarded for both APP 365 and ENG 365.

**APP 366 Social Change in Appalachia. (3)**

A. Cross listed as SOC 365. Completion of SOC 131 is advised before taking APP 366. Analysis of patterns of social change and development in an important area of the Southern United States, Central and Southern Appalachia. Emphasis will be placed upon competing theoretical perspectives and the importance of historical research. Credit will not be awarded for both APP 366 and SOC 365.

**APP 370 Religion in Appalachia. (3) A.**

Cross listed as SOC 370. Completion of SOC 131 is advised before taking APP 370. An examination of diversity and change in the religious beliefs, practices, groups, and organizations found in the Southern Appalachian region. Credit will not be awarded for both APP 370 and SOC 370.

**APP 373 Politics of Development in Appalachia. (3) A.**

Cross listed as POL 373. This course examines community and economic development in the Appalachian region with special emphasis on Kentucky. Focus will be on the political, economic, and social aspects affecting development. Credit will not be awarded for both APP 373 and POL 373.

**APP 420 Appalachia in American History. (3) A.**

Cross listed as HIS 420. Prerequisite: three hours HIS or department approval. The relationship between Appalachia and the rest of the United States. Topics include the "yeoman" myth, coal industrialization, settlement houses, company towns, and the identification of the region with poverty.

Credit will not be awarded for both APP 420 and HIS 420.

**APP 430 Sustainability in Appalachia.**

(3) A. Cross listed as GEO 430. Examination of Appalachia's ecological, social, and economic patterns, and the processes through which residents can ensure their social, economic and ecological sustainability in the future. Credit will not be awarded for both APP 430 and GEO 430.

**APP 460 Seminar in Appalachian Studies.**

(3) A. Prerequisite: 12 hours Appalachian Studies or instructor approval. In-depth analysis of current social, political, economic or environmental issues in the Appalachian region through a directed research project or applied service-learning field experience. Capstone course for the Appalachian Studies minor.

**APP 490 Independent Study. (1-3) A.**

Prerequisite: Student must have the independent study form/proposal approved by the faculty member and Center director prior to enrollment. May be taken for a maximum of six hours provided the subject matter is different each time.

**APP 520 Providing Health Care Services in Appalachia. (3) A.**

Cross listed as OTS 520/720. Prerequisite: departmental approval. An analysis of the development and delivery of health care services in Appalachia. Examination of relevant current and historical factors which have an impact on the health of the Appalachian people. Credit will not be awarded for both APP 520 and OTS 520/720.

**APS—Assets Protection and Security**

**Dr. Norman Spain, Coordinator**

**APS 110 Principles of Assets Protection.**

(3) A. History and overview of the assets protection industry and employment opportunities, and introduction to the basic methodologies of assets protection: personnel, physical, procedural, and auditing systems.

**APS 210 Vulnerability & Risk Assessment.**

(3) A. Principles of vulnerability and risk assessment including physical security surveys, integrated physical security systems, risk and threat identification, mitigation, threat analysis, criticality, and risk assessment. Comparison and analysis of various vulnerability and risk assessment methodologies.

**APS 225 Assets Protection Law. (3) A.**

Review of civil and criminal authority and liability of assets protection personnel, with emphasis upon tort liability for use of force, false imprisonment, defamation, invasion of privacy, malicious prosecution, negligent hiring and retention, and negligent security.

**APS 320 Assets Protection Management.**

(3) A. Prerequisite: APS 110 or departmental approval. The evolution and application of traditional and current theories of assets protection management.

**APS 333 Assets Protection Ethics and Policy. (3) A.**

Prerequisite: APS 110 or departmental approval. Case study review, assessment and design of assets protection codes of ethics, policies and procedures. Case studies include private and government entities.

**APS 349 Applied Learning in Assets Protection. (1-8) A.**

Prerequisite: departmental approval. Co-curricular work experience under the direction of faculty and field supervisors. Placements related to academic studies. One to eight hours credit. Minimum 80 hours work required per credit hour.

**APS 349 A-N Cooperative Study: Assets Protection. (1-8) A.**

Prerequisite: departmental approval. Co-curricular work experience under the direction of faculty and field supervisors. Placements related to academic studies. One to eight hours credit. Minimum 80 hours work required per credit hour.

**APS 350 Private Investigations, Ethics and the Law. (3) A.**

Review of methods and management of private investigations, public and private investigative resources, investigative technology, and ethical and public policy considerations related to private investigations. Also an examination of statutory and case law pertaining to private

investigations, and presentation of investigative evidence in internal, administrative, civil and criminal proceedings.

**APS 351 Investigative Interviews and Reports (3) A.**

Prerequisites: ENG 101 and 102; or departmental approval. Review of literature and techniques for conducting investigative interviews and interrogations, and preparation of investigative reports for internal, administrative, civil and criminal proceedings.

**APS 395 Homeland Security - An Overview. (3) A.**

Review of the Homeland Security Agency of the Federal government including its organization, responsibilities, and authority, and how it impacts and relates to the private security discipline. The critical role of information collection, analysis, and dissemination in a proactive approach to protecting the public from terrorism will also be explored.

**APS 435 Topical Assets Protection Seminar: \_\_\_\_\_ (1-3) A.**

Study of contemporary issues in assets protection. Selected topics may include credit card fraud, contract security management, employee drug testing, information security, insurance fraud, interviewing and negotiating, retail security, and other topics. May be retaken under different subtitles.

**APS 438 Information and Computer Security. (3) A.**

Prerequisite: departmental approval. Vulnerability assessments and countermeasures for securing computer and network information systems from unauthorized entry, abuse, and sabotage, with emphasis on system software, database analysis, communication networks, and auditing techniques.

**APS 445 Field Experience. (3-12) A.**

Prerequisite: departmental approval. Field training is designed to broaden the educational experience through appropriate observational work assignments in cooperating agencies. May be retaken to a maximum of twelve hours.

**APS 455 Independent Study. (1-3) A.**

Prerequisite: departmental approval. Individual reading and research on a problem or area within the field of assets protection after student consultation with the instructor. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment. May be retaken to a maximum of six hours.

**APS 465 Assets Protection Auditing. (3)**

A. Prerequisites: ACC 201 and introductory level statistics course; or departmental approval. Review and application of investigative auditing, inventorying, and surveying procedures, and application of probability and statistical information to assets protection decision making.

**APS 495 Applied Assets Protection. (3)**

A. Prerequisite: APS senior standing or departmental approval. Senior capstone course which requires synthesis and application of prior course work in assets protection. Development, by each student and/or team, of a comprehensive assets protection program for a specific business or government agency, with oral and written presentation required.

**ARH—Art History**

**Mr. Herb Goodman, Chair**

**ARH 390 Survey of Art History I: Non-Western Art. (3) I, II.**

Prerequisites: ENG 102 or ENG 105 (B) or HON 102; ART 164 or 200. Study of the arts of Asia, Africa, and Oceania. Credit will not be awarded for both ARH 390 and ART 390. Gen. Ed. VII (AH).

**ARH 391 Survey of Art History II:**

**Western Art. (3) I, II.** Prerequisites: ENG 102 or 105 (B) or HON 102; ART 164 or 200. A study of the art of Western Civilization from Ancient Greece to Modern Europe and America. Credit will not be awarded to students who have credit for ARH 391W or ART 391. Gen. Ed. VII (AH).

**ARH 391W Survey of Art History II:**

**Writing Intensive. (3) I, II.** Prerequisites: ENG 102 or 105 (B) or HON 102; ART 164 or 200. A writing intensive study of the art of Western Civilization from Ancient Greece to Modern Europe and America. Credit

will not be awarded to students who have credit for ARH 391 or ART 391. Gen. Ed. VII (AH).

**ARH 463 Problems in Art History. (3)**  
A. Prerequisite: ARH 391 or departmental approval. Limited to seniors. Continuation of study begun in regular, departmental, art history courses. May be retaken to a maximum of nine hours.

**ARH 465 History of Graphic Arts. (3) I, II.** Prerequisite: ARH 391. The history of the reproducible image in Western Art, from the introduction of printing and typography in the 15th century, through the advent of photography and the emergence of the modern graphic design profession.

**ARH 492 Greek and Roman Art. (3) A.** Prerequisite: ARH 390 or departmental approval. Study of the history of the classical Greek and Roman architecture, sculpture, and painting from the beginnings of Greek art to the time of Constantine.

**ARH 493 Medieval Art. (3) A.** Prerequisite: ARH 390 or departmental approval. Development of art in Eastern and Western Europe from 313-1400 A.D.

**ARH 496 Nineteenth Century Art. (3) A.** Prerequisite: ARH 391 or departmental approval. Study of major artistic styles of the century, including neoclassicism, romanticism, realism, impressionism, and post impressionism.

**ARH 497 History of Modern Art. (3) A.** Prerequisite: ARH 391 or departmental approval. A specialized study of art and architecture in Europe and America from the late nineteenth to the late twentieth century.

**ARH 498 U.S. Art History. (3) A.** Prerequisites: ARH 390 and 391 or departmental approval. An in-depth study of the arts of the United States of America from 1565 to 2000.

**ARH 594 Italian Renaissance Art. (3) A.** Prerequisite: ARH 391 or departmental approval. In-depth study of selected aspects of the painting, sculpture, and architecture of Italy between 1400 and 1600.

**ARH 595 Baroque and Rococo Art. (3) A.** Prerequisite: ARH 391 or departmental approval. A specialized study of the art and architecture of church and state in Europe during the Age of Absolutism, from the late sixteenth to the late eighteenth century.

ART—Art  
Mr. Herb Goodman, Chair

**ART 098 Introduction to Visual & Performing Arts. (3) A.** An interdisciplinary course in the visual and performing arts, incorporating the study of the relationships between the arts of theater, visual art, and music within their larger cultural context. Students will explore the arts experiences available to them to develop both a personal appreciation and broader understanding of the arts. Meets the KDE Pre-College Curriculum visual and performing arts deficiency, and does not count toward degree credit.

**ART 100 Drawing I. (3) I, II, A.** Introduction to basic principles and techniques of drawing, emphasizing perceptual skills and the use of value and line.

**ART 101 Drawing II. (3) I, II, A.** Prerequisite: ART 100. Continuation of ART 100, with an emphasis on the human figure as subject matter. Classroom instruction utilizes draped and undraped (clothed and unclothed) human models.

**ART 152 Design, Two-Dimensional. (3) I, II.** Introduction to the elements and principles of design as they apply to the two-dimensional surface.

**ART 153 Design, Three-Dimensional. (3) I, II.** Introduction to the methods, materials, and concepts related to the control of space.

**ART 164 Concepts of Art and Design. (3) I, II, A.** An introduction for Art & Design majors, providing an understanding of why art is made, how it is evaluated, and the ways in which it relates to society. Includes experience in written and oral analysis of art and design work in terms of media, composition and

function.

**ART 200 Art Appreciation: Orientation. (3) I, II.** Prerequisite: ENG 101 or ENG 105 or HON 105. Introduction to the visual arts and their purposes, emphasis on ways and means available to the artist. Student has opportunity for individual expression through a visual arts medium. Not open to art majors or minors. Gen. Ed. IIIA or VII (AH) [AH].

**ART 210 Painting I. (3) I, II.** Prerequisites: ART 101, 152, 164. Introduction to painting, emphasizing basic painting techniques and concepts, perceptual skills, and the use of color.

**ART 220 Sculpture Survey I. (3) I, II.** Prerequisites: ART 101, 153, 164. Provides an introduction to basic sculpture problems, approaches, and techniques. Course problems are set in additive, substitutive, and subtractive processes.

**ART 230 Printmaking I. (3) I, II.** Prerequisites: ART 100, 152, 164. Introduction to basic concepts and techniques of printmaking.

**ART 240 Jewelry and Metalsmithing I. (3) I, II.** Prerequisites: ART 100, 153, 164. Provides an introduction to metal as an expressive media and acquaints students with various materials, techniques and tools associated with the art form. Students explore piercing, sawing, embossing, soldering, simple stone setting, and casting.

**ART 270 Ceramics I. (3) I, II.** Prerequisites: ART 100, 153, 164. Introductory experiences with ceramic handbuilding and decorating techniques and materials. Emphasis placed upon the application of clay to design problems involving aesthetic value and procedure in the making of ceramic objects.

**ART 280 Photography I. (3) I, II.** Prerequisites: ART 100, 152, 164. *Fully Manual Camera Required.* Introduction to basic camera operation, darkroom and lighting techniques, principles and aesthetics of black and white photography.

**ART 300 Drawing Media. (3) A.** Prerequisite: ART 101. Investigation of various media for drawing, emphasizing experimentation and the development of technical skills in each.

**ART 301 Figure Drawing. (3) A.** Prerequisite: ART 101. A drawing course aimed at developing an increased understanding of the human figure and its possibilities as subject matter for art.

**ART 312 Painting II. (3) I, II.** Prerequisite: ART 210 or departmental approval. Continuation of Painting sequence, emphasizing further development of skills and conceptual abilities as they relate to image-making.

**ART 313 Figure Painting. (3) II.** Prerequisite: ART 312. Painting problems involving the human figure as subject matter.

**ART 314 Painting Media. (3) I.** Prerequisite: ART 312. An investigation of oils, acrylics, and other painting media, emphasizing experimentation and the development of technical skills. Particular attention is given to the appropriateness of media and technique to imagery and content.

**ART 321 Sculpture Survey II. (3) I, II.** Prerequisite: ART 220. Continuation of Sculpture sequence, with basic sculptural problems set in foundry, constructive, and mixed-media processes.

**ART 322 Intermediate Sculpture I. (3) A.** Prerequisite: ART 321. Provides an in-depth exploration of sculptural problems at the intermediate level, developed through projects designed to fit personal interests in foundry processes.

**ART 323 Intermediate Sculpture II. (3) A.** Prerequisite: ART 321. Provides an in-depth exploration of sculptural problems at the intermediate level, developed through projects designed to fit personal interests in figurative sculpture.

**ART 331 Printmaking II. (3) I, II.** Prerequisite: ART 230. Continuation of Printmaking sequence, with emphasis on entaglio and relief printmaking processes.

**ART 332 Printmaking III. (3) I, II.** Prerequisite: ART 331. The student will work in a

specific area of printmaking concentration.

**ART 333 Printmaking IV. (3) I, II.** Prerequisites: ART 332, and admission to the BFA program. The student is free to pursue a program of individual interest. Emphasis placed on creativity and professionalism.

**ART 341 Jewelry and Metalsmithing II. (3) I, II.** Prerequisite: ART 240. An extension of the introductory course. Advanced study develops students' understanding of metal as an art medium and provides opportunity for personal expression. Students explore raising, sinking, forging, casting, etching, enameling and advanced fabrication.

**ART 343 Jewelry and Metalsmithing III. (3) I, II.** Prerequisite: ART 341. An advanced course emphasizing continued creative exploration and personal expression with jewelry and metalsmithing. Students explore raising, sinking, forging, casting, etching, enameling and advanced fabrication.

**ART 344 Jewelry and Metalsmithing IV. (3) I, II.** Prerequisite: ART 343. An advanced course emphasizing continued creative exploration with jewelry and metalsmithing. Advanced problems develop students' understanding of metal as an art medium and provide opportunity for personal expression. Students explore raising, sinking, forging, casting, etching, enameling and advanced fabrication.

**ART 360 Introduction to Materials Inquiry. (3) I.** Students will explore processes and materials used in K-12 programs, will present exploration results through seminar-style discussions and demonstrations, and will begin to understand and practice developmentally appropriate teaching strategies through peer teaching.

**ART 371 Ceramics II. (3) I, II.** Prerequisite: ART 270. Introduction into the wheel forming process with clay. Basic formulation of clay and glazes.

**ART 372 Ceramics III. (3) I, II.** Prerequisite: ART 371. An exploration into the fundamental structural problems of sculptural ceramic forms. Research into various decorating techniques utilizing clay and glaze.

**ART 376 Ceramics for Non-Majors. (3) A.** Prerequisite: none. Closed to Art majors. An introduction to the craft and art of Ceramics for non-Art majors, providing fundamental experiences with materials, handbuilding, decorating techniques, and firing directed toward both aesthetic and functional problem-solving in the making of ceramic objects. Credit earned may eventually be applied to a major in Art with approval of the Department.

**ART 381 Photography II. (3) I, II.** Prerequisite: ART 280. Intermediate course in photography. Builds on creative skills and techniques learned in previous photography courses. Students may explore conventional, digital and alternative processes.

**ART 382 Photography III. (3) I, II.** Prerequisite: ART 381. Intermediate course in photography. Builds on creative skills and techniques learned in previous photography courses. Course may cover traditional, digital or alternative processes.

**ART 383 Photography IV. (3) I, II.** Prerequisite: ART 382, Major GPA 3.0, and admission to the BFA program. Intermediate course in photography. Builds on creative skills and techniques learned in previous photography courses. Course may cover traditional, digital or alternative processes.

**ART 401 Advanced Drawing. (3) A.** Prerequisites: ART 300 and 301. Advanced problems in drawing emphasizing personal explorations of media and imagery.

**ART 413 Advanced Painting. (3) I, II.** Prerequisites: ART 313, 314, Major GPA 3.0, and admission to the BFA program. Advanced problems in painting, emphasizing the student's personal expression through imagery and techniques.

**ART 414 BFA Painting. (3) I, II.** Prerequisites: ART 413, Major GPA 3.0, and admission to the BFA program. Corequisite: ART 499. Final exit course in BFA painting area with

emphasis in professional development. Course includes preparation for senior show, writing of senior thesis, and portfolio assembly.

**ART 423 Advanced Sculpture. (3) I, II.** Prerequisites: ART 322, 323, Major GPA 3.0, and admission to BFA program or departmental approval. The students' sculptural directions are defined and directed at the advanced level, through individually tailored extended projects.

**ART 424 BFA Sculpture. (3) I, II.** Prerequisites: ART 423, Major GPA 3.0, and admission to the BFA program. Corequisite: ART 499. Final exit course in BFA sculpture area with emphasis on professional development. Course includes preparation for senior show, writing of senior thesis, and portfolio assembly.

**ART 432 Printmaking V. (3) I, II.** Prerequisites: ART 333, Major GPA 3.0, and admission to the BFA program. The student is free to pursue a program of individual interest. Emphasis placed on creativity and professionalism.

**ART 434 BFA Printmaking. (3) I, II.** Prerequisites: ART 432, Major GPA 3.0, and admission to the BFA program. Corequisite: ART 499. Final exit course in BFA printmaking area with emphasis on professional development. Course includes preparation for senior show, writing of senior thesis, and portfolio assembly.

**ART 443 Jewelry and Metalsmithing V. (3) I, II.** Prerequisites: ART 344, Major GPA 3.0, and admission to BFA program. Designed for the advanced student pursuing a career as a professional jeweler/metalsmithing. Attention given to developing a personal design philosophy. Students will submit a work proposal for the semester.

**ART 444 BFA Jewelry and Metalsmithing. (3) I, II.** Prerequisites: ART 443, Major GPA 3.0, and admission to the BFA program. Corequisite: ART 499. Final exit course in BFA jewelry and metalsmithing area with emphasis on professional development. Course includes preparation for senior show, writing of senior thesis, and portfolio assembly.

**ART 460 Materials Inquiry in Art Education. (3) I.** Prerequisite: open to senior art students who plan to teach. Diversified inquiry into art materials and processes in the elementary and secondary schools.

**ART 463 Problems in Art and Design. (1-3) A.** Prerequisite: approval of proposal by department. Limited to seniors. Continuation of study begun in regular departmental courses. May be retaken to a maximum of nine hours.

**ART 472 Ceramics IV. (3) I, II.** Prerequisites: ART 372, Major GPA 3.0, and admission to the BFA program. An exploration into an independent and personal way of working with clay. Various kiln building and firing techniques will be explored.

**ART 473 Ceramics V. (3) I, II.** Prerequisite: ART 472, Major GPA 3.0, and admission to the BFA program. Continued independent work in clay as defined and directed through individual projects.

**ART 474 BFA Ceramics. (3) I, II.** Prerequisites: ART 473, Major GPA 3.0, and admission to the BFA program. Corequisite: ART 499. Final exit course in BFA ceramics area with emphasis on professional development. Course includes preparation for senior show, writing of senior thesis, and portfolio assembly.

**ART 483 Photography V. (3) I, II.** Prerequisites: ART 383, Major GPA 3.0, and admission to the BFA program. Advanced course which builds on creative skills and techniques learned in previous photography courses. Stresses development of student initiative/personal expression.

**ART 484 BFA Photography. (3) I, II.** Prerequisites: ART 483, Major GPA 3.0. Corequisite: ART 499. Culminating experience in art photography serving to crystallize and unify individual expression. The student prepares a portfolio and written statement of personal photographic concerns.

**ART 499 Senior Exhibition. (1) I, II.** Prerequisite: last semester senior in BFA program. Corequisite: ART 414, 424, 434, 444, 474, or 484; or DES 426 or 454. Organization and presentation of an exhibition of the student's work.

**ART 560 Workshop in Art and Design: \_\_\_\_\_.** (3) A. Prerequisite: approval of department. Intensive study in a specific phase of the visual arts. Current processes, materials, and theoretical foundation will be considered. May be retaken with different topics to a maximum of nine hours.

**ART 562 Seminar in Art Criticism. (3) A.** Prerequisites: ARH 390 and 391. Study of various topics and problems which relate to the student's understanding and critical awareness of the visual arts.

**ASL—American Sign Language**  
**Dr. Laurence Hayes, Chair**

**ASL 101 American Sign Language I. (3) I, II.** A functional notional approach to learning beginning American Sign Language (ASL). Development of basic knowledge and understanding of conversational ASL and cultural features of the language and community. 3 Lec/1 Lab. Gen. Ed. VIII.

**ASL 102 American Sign Language II. (3) I, II.** Prerequisite: ASL 101 with a minimum grade of "C" or departmental permission. Continued development of basic knowledge of and understanding of conversational ASL and cultural features of the language and community. 3 Lec/1 Lab. Gen. Ed. VIII.

**ASL 201 American Sign Language III. (3) I, II.** Prerequisite: ASL 102 with a minimum grade of "C" or departmental permission. Development of intermediate expressive and receptive ASL skills and cultural features of the language and community. 3 Lec/1 Lab.

**ASL 202 American Sign Language IV. (3) I, II.** Prerequisites: ASL 201 with a minimum grade of "C" or departmental permission. Continued development of intermediate expressive and receptive ASL skills and cultural features of the language and community. 3 Lec/1 Lab. Gen. Ed. VIII.

**ASL 210 ASL Fingerspelling & Numbers. (3) I, II.** Prerequisite: ASL 201 with a minimum grade of "C" or departmental permission. The course will focus on aspects of receptive and expressive fingerspelling usage, including lexicalized fingerspelling and various numbering systems within ASL.

**ASL 225 Introduction to Deaf Studies (3) I.** Prerequisite: ASL 102 or permission of instructor. Introduces students to the historical, sociological, cultural and political experiences of Deaf people. Provides overview of Deaf people's experiences, images, and issues from a wide variety of disciplinary perspectives. Credit will not be awarded for both ASL 225 and ITP 115.

**ASL 301 American Sign Language V. (3) I.** Prerequisite: ASL 202 with a minimum grade of "C" or departmental permission. Development of advanced expressive and receptive ASL skills and cultural features of the language and community. 3 Lec/1 Lab.

**ASL 302 American Sign Language VI. (3) II.** Prerequisite: ASL 301 with a minimum grade of "C" or departmental permission. Continued development of advanced expressive and receptive ASL skills and cultural features of the language and community. 3 Lec/1 Lab.

**ASL 400 ASL Skills for Interpreters (1) I.** Prerequisites: Admission to the interpreting, ASL 202, with a minimum grade of "C" or departmental permission. In this course students will continue to develop skills in American Sign Language, specifically focusing on vocabulary development and language usage beneficial for interpreters. Clinical hours required.

**ASO—Orientation**  
**Dr. John Wade, Dean**

**ASO 100 Academic Orientation. (1) I.** An introduction to the programs of the University and the College. Discussion of how to study, what to consider in choosing a profession, and what career opportunities exist for graduates from the College's programs. Additional topics include University regulations, publications, and support areas. Open to all students during their first two semesters of enrollment at EKU; beyond that open to students with fewer than 30 semester hours earned.

**AST—Astronomy**  
**Dr. Mark Biermann, Chair**

**AST 130 Introductory Astronomy. (3) I, II.** Prerequisite: MAT 105 or higher. Elementary survey course; study of Moon, Sun, and eclipses; Solar System; near stars and Milky Way. Non-laboratory. Credit will not be awarded for both AST 130 and AST 135. Gen. Ed. VII (NS).

**AST 135 Introductory Astronomy. (3) I, II.** Prerequisite: MAT 105 or higher. This course is the same as AST 130 except that a laboratory is offered in place of certain topics. Credit will not be awarded for both AST 135 and AST 130. 2 Lec/2 Lab. Gen. Ed. IVB or VII (NS). [NS].

**AST 330 Stars, Blackholes: the Cosmos. (3) A.** Prerequisite: MAT 105 or higher and ENG 102 or ENG 105(B) or HON 102. An introductory survey course for non-science majors directed at studying the origin and evolution of the Universe, of galaxies, and of stars as well as of quasars, pulsars, and Black Holes. Non-laboratory. Gen. Ed. VII (NS).

**ATR - Athletic Training**  
**Dr. Jack Rutherford, Chair**

**ATR 100 Introduction to Athletic Training. (2) I.** For students who will be applying for admission to the Athletic Training Education Program. Students will receive an introduction to professional organizations and issues, in addition to instruction and assessment of clinical skills necessary for progress to the next athletic training course. 1 Lec/2 Lab.

**ATR 201 Practicum I. (3) I.** Prerequisite: PHE 212 and EMC 102 or EMC 110. Corequisite: ATR 211. This first practicum course provides the student with clinical skill based opportunities within a variety of athletic training settings. Classroom and laboratory sessions are designed to introduce the learner to specific educational competencies and clinical proficiencies. The proficiencies will be practiced and assessed to given specific standards of achievement and linked to courses previously taken.

**ATR 202 Practicum II. (3) II.** Prerequisite: Athletic Training major and ATR 201. This second practicum course provides the student with clinical skill based opportunities within a variety of athletic training settings. Classroom and laboratory sessions are designed to introduce the learner to specific educational competencies and clinical proficiencies. The proficiencies will be practiced and assessed to given specific standards of achievement and linked to courses previously taken.

**ATR 211 Evaluation of Lower Extremity Injuries. (4) I.** Prerequisite: acceptance into the professional Athletic Training Education program. Corequisite: ATR 201. Students will learn how to properly evaluate common injuries of the lower extremity and lumbar spine. Classroom and skill laboratory sessions are designed to introduce the learner to proper assessment techniques of the lower extremity and lumbar spine in various athletic training settings. 3 Lec/2 Lab.

**ATR 212 Evaluation of Upper Extremity Injuries. (4) II.** Prerequisite: ATR 211. Students will learn how to properly evaluate common injuries of the upper extremity, cervical spine, head, and face.

Classroom and skill laboratory sessions are designed to introduce the learner to proper assessment techniques of these areas in the various athletic training clinical settings. 3 Lec/2 Lab.

**ATR 221 Sport and Exercise Nutrition.**

(1) **A.** Prerequisite: ATR 100, PHE 212, and PHE 180. This course will provide an understanding of the theoretical principles and application underlying the use and effectiveness of proper nutritional guidelines to influence the performance and well being of competitive and recreational athletes.

**ATR 301 Practicum III. (3) I.** Prerequisite: ATR 202. This third practicum course provides the student with clinical skill based opportunities within a variety of athletic training settings. Classroom and laboratory sessions are designed to introduce the learner to specific educational competencies and clinical proficiencies. The proficiencies will be practiced and assessed to given specific standards of achievement and linked to courses previously taken.

**ATR 302 Practicum IV. (3) II.** Prerequisite: ATR 301. This fourth practicum course provides the student with clinical skill based opportunities within a variety of athletic training settings. Classroom and laboratory sessions are designed to introduce the learner to specific educational competencies and clinical proficiencies. The proficiencies will be practiced and assessed to given specific standards of achievement and linked to courses previously taken.

**ATR 311 Therapeutic Modalities. (4) I.** Prerequisite: ATR 211. Study and practice related to physical effects, indications, and contraindications of therapeutic modalities. 3 Lec/2 Lab.

**ATR 312 Therapeutic Exercise. (4) II.** Prerequisite: ATR 311. Study and development of therapeutic exercise programs. Emphasis on understanding the influence of the pathological status of a tissue on its response to various types of activity. 3 Lec/2 Lab.

**ATR 322 Therapeutic Interventions. (3) II.** Prerequisite: ATR 311. Study of the therapeutic use of drugs in patients, including pharmacokinetics, pharmacodynamics, and routes of administration, in addition to the legal, moral and ethical implications of drug administration by the athletic trainer. Further study will include the principles of psychosocial intervention with respect to injury and rehabilitation.

**ATR 398 Pre-Season Practicum in Athletic Training 4. A.** Pre-requisites: ATR 202, Pre-season clinical experience in athletic training in a university setting, requiring 8-hour daily clinical experiences during pre-season athletic camps at EKU from August 1 Summer until Day before Fall Semester classes start. Credit will not be awarded for both ATR 398 and PHE 398.

**ATR 401 Practicum V. (3) I.** Prerequisite: ATR 302. This fifth practicum course provides the student with clinical skill based opportunities within a variety of athletic training settings. Classroom and laboratory sessions are designed to introduce the learner to specific educational competencies and clinical proficiencies. The proficiencies will be practiced and assessed to given specific standards of achievement and linked to courses previously taken.

**ATR 402 Practicum VI. (3) II.** Prerequisite: ATR 401. This sixth practicum course provides the student with clinical skill based opportunities within a variety of athletic training settings. Classroom and laboratory sessions are designed to introduce the learner to specific educational competencies and clinical proficiencies. The proficiencies will be practiced and assessed to given specific standards of achievement and linked to courses previously taken.

**ATR 411 General Medical. (3) I.** Prerequisite: ATR 322. Study of general medical conditions and disabilities.

**ATR 412 Organization and Administration. (3) I.** Prerequisites: ATR 312 and ATR 322. Study of concepts of health care organization and administration relative to athletic training. The course will include such topics as legal liability, fiscal management,

facilities operation, personnel supervision, public relations, and organizational structures.

**ATR 421 Senior Seminar. (2) I.**

Prerequisites: ATR 411 and ATR 412. Integration and application of athletic training clinical skills and knowledge through research and presentation of critical questions and contemporary issues in athletic training.

**AVN—Aviation**

**Mr. Tony Adams, Coordinator**

**AVN 150 Introduction to Aviation. (3)**

**A.** An introductory course specifically designed for students to obtain a broad understanding of the aviation world including varying aspects of space exploration. Includes a study of aviation history and the general aviation environment.

**AVN 192 Professional Aeronautics. (5)**

**A.** An introduction to flying designed to provide all aeronautical information necessary to successfully complete the FAA written examination for private pilots. An integrated lecture and laboratory effort in which simulators and actual aircraft may be used.

**AVN 194A Private Pilot. (1) A.** Prerequisite or Corequisite: AVN 192 with a grade of “C” or better, and an overall GPA of 2.0. This course consists of the dual and solo flight hours and experiences required for the private pilot certification with the Federal Aviation Administration.

**AVN 205A Intermediate Supervised Flight**

**I. (1) A.** Prerequisites: departmental approval and an overall GPA of 2.0. This course is designed to permit students holding the private pilot license to acquire additional supervised flight time. This course includes approximately 24 flight hours.

**AVN 206A Intermediate Supervised Flight**

**II. (1) A.** Prerequisites: departmental approval and an overall GPA of 2.0. This course is designed to permit students holding the private pilot license to acquire additional supervised flight time. This course includes approximately 24 flight hours.

**AVN 220 Instrument Pilot: Ground. (4) A.**

Prerequisite: AVN 192. Prerequisite or Corequisite: AVN 194A (with a “C” or better or equivalents). This course is designed to be integrated with AVN 220A and includes studies of aircraft operations under instrument conditions inclusive of the rules and regulations governing non-visual flight. 3 Lec/2 Lab.

**AVN 220A Instrument Pilot: Flight. (1) A.**

Prerequisites: departmental approval and an overall GPA of 2.0. A course designed to permit the student to gain instrument flight training.

**AVN 229A Advanced Supervised Flight**

**I. (1) A.** Prerequisites: departmental approval and an overall GPA of 2.0. This course is designed to provide students flight training and experience for FAA Commercial Pilot License.

**AVN 230A Advanced Supervised Flight**

**II. (1) A.** Prerequisites: departmental approval and an overall GPA of 2.0. This course is designed to provide students flight training and experience for FAA Commercial Pilot License.

**AVN 300 Commercial Pilot: Ground. (2) A.**

Prerequisites: AVN 192, 194A, 220, and 220A with a “C” or better in each course or equivalents. The course consists of instruction emphasizing airplane operating procedures, proper airplane flight control, air and ground safety, traffic control procedures, commercial flight maneuvers, national airspace systems, terminal and en route charts, navigation procedures and communications.

**AVN 300A Commercial Pilot: Flight. (1) A.**

Prerequisites: departmental approval and an overall GPA of 2.0. The course consists of all or part of the dual and solo flight hours required for FAA commercial pilot certification.

**AVN 310 Flight Training Analysis I. (4) A.**

Prerequisite: AVN 300 with a grade of “C” or better. A study of basic information regarding fundamentals of teaching and learning (including effective teaching methods), aerodynamics helpful to flight instruction,

and flight instructor responsibilities.

**AVN 310A Flight Training Techniques I. (1)**

**A.** Prerequisites: departmental approval and an overall GPA of 2.0. Flight training to prepare students for FAA examinations.

**AVN 315 Human Factors In Flight Safety.**

**(3) I, II.** A presentation and analysis of factors and procedures relating to aviation safety inclusive of techniques for accident prevention, development of safety programs, procedures used in accident investigation, and the human factor.

**AVN 320 Flight Training Analysis II. (2) A.**

Prerequisite: appropriate flight credentials. A study of aeronautical information and instructional background necessary for becoming instrument flight instructors. Included in the course is teaching methodology, instrument interpretations, and instrument flight procedures.

**AVN 320A Flight Training Techniques II. (1)**

**A.** Prerequisites: departmental approval and an overall GPA of 2.0. Flight training to prepare students for FAA examinations.

**AVN 325 Aircraft Systems. (3) I, II.** A study of electrical, mechanical and hydraulic systems, design and performance standards, capabilities and limitations, and conformance to FAA specifications.

**AVN 335 Weather Reporting/Analysis. (3)**

**I, II.** A comprehensive analysis of weather conditions and patterns as they apply to flight.

**AVN 340 Airport Management. (3) I, II.**

A study of guidelines for aviation management and administrative functions including problems, trends, and planning regarding operation of airports.

**AVN 349 Applied Learning in Aviation.**

**(1-8) A.** Prerequisite: coordinator approval. Work under faculty and field supervisors in placements related to academic studies. One to eight hours credit per semester or summer. A minimum of 80 hours work required for each academic credit.

**AVN 349 A-N Cooperative Study: Aviation.**

**(1-8) A.** Prerequisite: coordinator approval. Work under faculty and field supervisors in placements related to academic studies. One to eight hours credit per semester or summer. A minimum of 80 hours work required for each academic credit.

**AVN 350 Air Transportation. (3) A.**

A survey of the historical development of the air transportation system covering facilities, impact of regulations, problems encountered, and future requirements.

**AVN 360 Problems In Aviation**

**Administration. (3) I, II.** Designed for utilization of the aviation industry case studies to introduce the techniques, methods, and procedures for problem solving.

**AVN 365 Airline Reservation Systems. (3)**

**A.** This course uses lecture and computer simulation to develop student proficiency in operation of reservation systems used by major airlines. The systems are used for passenger booking, hotel reservation, automobile rentals and packaged tours.

**AVN 370 Techniques: Aviation Supervisors.**

**(3) I, II.** A study of effective personnel management theory through application to practical situations in the aviation industry.

**AVN 390 Aviation Administration Decision**

**Making. (3) I, II.** A study of decision theory and its application to aviation administration decision-making and problem solving processes.

**AVN 400 Multi-Engine Pilot: Ground. (1)**

**A.** Prerequisite: appropriate flight credentials. The course is designed to provide appropriate aeronautical knowledge about multi-engine aircraft to facilitate successful completion of the multi-engine flight component.

**AVN 400A Multi-Engine Pilot: Flight (1) A.**

Prerequisites: departmental approval and an overall GPA of 2.0. A one hour laboratory course integrated with AVN 400 consisting of the dual and solo flight hours required for FAA certification.

**AVN 401 Airline Management. (3) A.**

Prerequisite: AVN 350 with a "C" or better. Acquaint student with the development, administrative and operational factors peculiar to FAR Part 121 Airline Operations. Emphasis is placed on proper market analysis, financial matters, the company plan, aircraft selection, aircraft acquisition, route structure, timetable and pertinent regulatory requirements.

**AVN 402 Corporate and Business Aviation. (3) A.** The study of the operation of a corporate flight department. Course includes the value of management mobility, aircraft and equipment evaluation, maintenance, flight operations, administration and fiscal considerations.

**AVN 410 Air Traffic Control. (3) I, II. A.** A study of the national air traffic control system with emphasis on basic air traffic control procedures; the role of centers, approach control, towers, and flight service centers; communications; navigation procedures, radar operations, facilities.

**AVN 420 Flight Training Analysis III. (2) A.** Prerequisite: appropriate flight credentials. Principles and methodology of teaching multi-engine flight and includes ground instruction required by the FAA in preparation for a flight instructor multi-engine rating.

**AVN 420A Flight Training Techniques III. (1) A.** Prerequisites: appropriate flight credentials, AVN 420 with a grade of "C" or better, an overall GPA of 2.0, or coordinator approval. Flight preparation for FAA CFI Multi-Engine flight test.

**AVN 425 Advanced Aerodynamics. (3) A.** Prerequisite: PHY 131. Advanced theories of flight and flight factors as well as advanced principles of performance.

**AVN 435 Turbine Aircraft Systems. (2) A.** Prerequisite: AVN 325 with a "C" or better or instructor approval. A study of electrical, mechanical and hydraulic systems as they relate to turbine engine aircraft.

**AVN 460 Aviation Legislation. (3) I, II.** Prerequisite: junior standing (at least 60 hours). A study of civil law as it pertains to aviation and includes the historic development of United States and international aviation law while surveying governmental responsibility for aviation accidents.

**AVN 470 National Air Space System. (3) A.** An overview of the National Air Space System with emphasis on problems of implementation, safety considerations, and social/economic impact.

**AVN 495 Internship. (1-3) A.** Prerequisite: departmental approval. Students will work under departmental supervision in a private or public agency engaged in aviation activities.

**AVN 498 Independent Study. (1-3) A.** Prerequisite: AVN major with senior standing. Student must have the independent study proposal form approved by faculty supervisor and program coordinator prior to enrollment. May be retaken to a maximum of six hours.

#### **BEM—Broadcasting and Electronic Media** **Dr. Liz Hansen, Chair**

**BEM 240 Basic Media Skills. (3) I, II.** An examination of the audio, lighting, and web-based skills needed by broadcast professionals in today's integrated media marketplace.

**BEM 295 Video Production I. (4) I, II.** Training in non-studio video production and editing. Includes applied aesthetics and production of dramatic informational or experimental work on video. Introduction to techniques, styles, and image structure. Requires weekly projects, critiques. 3 Lec/3 Lab.

**BEM 300 Performance in Electronic Media. (3) I, II.** Prerequisite: BEM 240. Study of the announcer's role in electronic media. Stresses practice in performing areas, including radio and television production, microphone and television camera techniques with an added emphasis on phonetics and pronunciation.

**BEM 301 Broadcast News Writing. (3) I, II.** Prerequisites: ENG 101 and 102 (or 105). Study of the elements of news for the electronic media. Includes

broadcast newswriting style, development of sources, interviewing, story types and formats, libel and ethics. Practice in gathering, writing and evaluating news for broadcast.

**BEM 343 Audio Practicum. (1-3) I, II.** Prerequisite: BEM 240. Supervised practical experience on the staff of a radio or other audio facility. May be taken to a maximum of three hours. One hour may be counted toward the major.

**BEM 349 Applied Learning in Broadcasting and the Electronic Media. (1-8) A.** Prerequisites: junior standing, "B" average in all courses within the department, and departmental approval. Work under faculty and field supervisors in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate; sixteen baccalaureate. A minimum of 80 hours work required for each academic credit. One hour may be used to satisfy major requirements within the department.

**BEM 349 A-N Cooperative Study: Broadcasting and the Electronic Media. (1-8) A.** Prerequisites: junior standing, "B" average in all courses within the department, and departmental approval. Work under faculty and field supervisors in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate; sixteen baccalaureate. A minimum of 80 hours work required for each academic credit. One hour may be used to satisfy major requirements within the department.

**BEM 350 Cinema History I. (3) A.** Historical survey of cinema from its origins to 1939. Examines developments in directing, acting, editing, and other areas of cinema as an art form. Feature length and short films viewed. Gen. Ed. VII (AH). 2 Lec/2 Lab.

**BEM 351 Cinema History II. (3) A.** Historical survey from 1939 to present. Includes theories, styles, and critical positions related to the sound film and considers origins and implications for future directions. Feature length and short films viewed. Gen. Ed. VII (AH). 2 Lec/2 Lab.

**BEM 352 Film Techniques & Technology. (3) I.** Prerequisite and/or Corequisite: BEM 350 or 351. The study of various technologies employed in traditional/electronic film production. Emphasis on the study of social, economic, technological and political factors and their effects on the development of cinematic techniques.

**BEM 353W The Art and Craft of Screenwriting. (3) A.** Conceiving, structuring, writing and marketing the contemporary American screenplay. Requires developing and writing original screenplays for marketing in the contemporary film environment. Credit will not be awarded for both BEM 353W and 353.

**BEM 370 Electronic Cinema Production. (4) I, II.** Prerequisites: BEM 240, 295, and 352 with a minimum grade of "C-". Principles and procedures behind single-camera dramatic productions recorded and edited on videotape. Requires group and individual portfolio projects involving a critical and artistic understanding of sound-image relationships. Includes multi camera production, directing and producing. 3 Lec/3 Lab.

**BEM 373 Electronic Cinema Practicum. (1-3) I, II.** Prerequisite: BEM 370. Supervised practical experience in film making, editing, and other aspects of film-style production. May be retaken to a maximum of three hours. One hour may be counted toward the major.

**BEM 375 Writing for the Electronic Media. (3) I, II.** Prerequisites: ENG 101 and 102 (or 105). Examination of the specialized forms of writing for the electronic media. Emphasizes both visual and verbal planning elements as well as practical experience in writing commercial, public service, narrative, and promotional copy.

**BEM 395 Video Production II. (4) I, II.** Prerequisite: BEM 295. Training on and mastery of

advanced production and post production equipment. Requires group and individual portfolio projects involving a critical and artistic understanding of sound-image relationships. Includes multi camera production, directing and producing.

**BEM 398 Electronic Video Practicum. (1-3) I, II.** Prerequisite: BEM 295. Supervised practical experience on the staff of a television station or other video facility. May be taken to a maximum of three hours. One hour may be counted toward the major.

**BEM 401 Broadcast News. (3) A.** Prerequisites: BEM 295 and 301. Introduces television news production. Designed to acquaint students with techniques, principles and equipment used in broadcast journalism; emphasizes writing, field reporting and editing; evaluation of commercial station newscasts; individual and team projects.

**BEM 402 Advanced Broadcast News. (3) A.** Prerequisite: BEM 401. Advanced study in broadcast journalism. Planning, gathering, writing, editing and producing news for television; critical evaluation of broadcast news techniques; individual and team projects.

**BEM 425 Electronic Media Operations (3) A.** Prerequisite: COM 200 or 200W. Study of the management styles and issues that impact managing, programming and operating a radio/television facility, cable system, or media web enterprise. Includes regulation issues imposed by FCC and other government agencies.

**BEM 460 Advanced Film Genre: \_\_\_\_\_. (3) I, II.** Detailed study of the types of motion pictures. Requires independent research, extended analysis, and critical evaluation of films. May be retaken to a maximum of six hours with different course content. 2 Lec/2 Lab.

**BEM 491 Senior Seminar. (1) I, II.** Prerequisites: completion of 90 hours with at least one hour from BEM 349 or 343 or 398. Evaluates students' progress toward a career in mass communications, especially the development of a portfolio, and develops job search strategies and skills. Includes assessment of instruction and curriculum.

**BEM 495 Video Production III. (4) I, II.** Prerequisite: BEM 395 or 370. Advanced study of video production and direction, combining studio and field work. Includes writing program proposals, scripts, and shooting schedules. Programs produced outside normal class hours. 3 Lec/3 Lab.

#### **BIO—Biology** **Dr. Robert Frederick, Chair**

**BIO 100 Introductory Biology. (3) I, II.** The course will deal with introductory principles of biology that are fundamental to an individual's knowledge as it pertains to the interrelationships of organisms in the natural world. Topics to be addressed: cellular basis of life, metabolism, genetics, biological diversity, reproduction, evolution, ecology, and environmental biology. May not be used to satisfy area, major, or minor requirements. Credit will not be awarded for both BIO 100 and NAT 101. 2 Lec/2 Lab. Gen. Ed. IVA. [NS].

**BIO 102 Inquiry Biology for Teachers. (3) I, II.** Prerequisite: pre-teaching or teaching elementary and middle school education majors only or departmental approval. An inquiry-based, conceptual-approach biological sciences course for teaching majors. Topics include the nature of science, cell biology, biodiversity, inheritance, ecology and ecosystems, evolution and adaptation. May not be used to satisfy area, major, or minor requirements. Credit will not be awarded to students who have credit for NAT 101 or BIO 100. 2 Lec/2 Lab. Gen. Ed. IVA. [NS].

**BIO 121 Principles of Biology. (4) I, II.** The study of life and its processes: cellular structure and function; reproduction and development; genetics, evolution and ecological principles. A course designed for biology majors. 3 Lec/2 Lab. Gen. Ed. IVA. [NS].

**BIO 131 General Botany. (4) I, II.**

Prerequisite: BIO 121. Structure and functions of vascular plants; morphology, classification, life histories, ecology and evolution of autotrophs, plantlike protists, and fungi. 3 Lec/3 Lab.

**BIO 141 General Zoology. (4) I, II.**

Prerequisite: BIO 121. Morphology, physiology, comparative anatomy, development, life history, evolution, and diversity of animals. 3 Lec/3 Lab.

**BIO 171 Human Anatomy. (3) I, II.**

A study of the basic anatomy of the human body and appropriate correlations with body functions. May not be used to satisfy area, major, or minor requirements. 2 Lec/2 Lab. Gen. Ed. VII (NS).

**BIO 271 Advanced Human Anatomy. (3) II.**

Prerequisites: BIO 171 and departmental approval. An advanced study of human anatomy. Emphasis is placed on the musculoskeletal and nervous systems and their anatomical and functional relationships. May not be used to satisfy area, major, or minor requirements. 2 Lec/2 Lab.

**BIO 273 Clinical Microbiology. (4) I, II.**

Prerequisite: BIO 171. A study of microorganisms as causative agents in diseases of humans with emphasis on differentiation and culture, types of diseases, modes of transmission, prophylactic, therapeutic and epidemiological considerations. May not be used to satisfy area, major, or minor requirements. Credit will not be awarded for both BIO 273 and CLT 209. 2 Lec/4 Lab. Gen. Ed. VII (NS).

**BIO 300 Economic Plants. (3) I, II.**

Economic consideration of plants as sources of food, medicine, and other products; the origin, domestication, general anatomy and culture of plants; deleterious plants; aspects of aesthetics and effect on society and world events. May not be used to satisfy area, major, or minor requirements, except the biology (teaching) major and minor.

**BIO 301 Human Physiology. (3) I, II.**

Functions of human life processes at the cellular, tissue, and organ-system levels of organization with emphasis on homeostatic mechanisms will be considered in this course. May not be used to satisfy area, major, or minor requirements. Gen. Ed. VII (NS).

**BIO 303 Human Heredity and Society. (3) I, II.**

Inheritance of human traits, including blood groups, sex and sex-related traits, lethal factors, mental capacities, and metabolic disorders; pedigrees, family traits, and population trends. A current background in general biology (BIO 100 or NAT 101) is recommended but not required. May not be used to satisfy area, major, or minor requirements. Gen. Ed. VII (NS).

**BIO 304 Birds of Kentucky. (3) A.**

Popular consideration of birds of the eastern and central United States with emphasis on birds of Kentucky and especially birds of the local area. Field trips required. May not be used to satisfy area, major, or minor requirements. 2 Lec/2 Lab.

**BIO 310 Biology of Aging. (3) A.**

Prerequisite: BIO 100 or NAT 101 or BIO 171 or instructor approval. System by system approach to the biological effects of the aging process on the human body. May not be used to satisfy area, major, or minor requirements in the Department of Biological Sciences. Gen. Ed. VI.

**BIO 315 Genetics. (4) I, II.**

Prerequisite: BIO 121 or departmental approval. Discussion of Mendelian genetics, molecular genetics, genetic mapping, and population genetics. Emphasis on critical thinking skills and logic through experimental analysis. Laboratory will include experimental manipulation of prokaryotic and eukaryotic organisms. 3 Lec/3 Lab.

**BIO 316 Ecology. (4) I, II.**

Prerequisite: BIO 131 or 141. Basic concepts and principles as applied to the study of organisms or groups of organisms in their interrelations to each other and to their environments. 2 Lec/4 Lab.

**BIO 317 Conservation of Wildlife Resources. (3) I, II.**

Introduction to the principles and practices of conservation of plants and animals; requirements and values of wildlife resources; impact of human activities on resources. May not be used to

satisfy area, major, or minor requirements. Gen. Ed. VII (NS).

**BIO 320 Principles of Microbiology. (4) I, II.**

Prerequisites: BIO 121 and CHE 112; or departmental approval. A study of bacteria and other microorganisms, their morphology, development and function; techniques of isolation, cultivation and identification; physiology, nutrition, and genetics; role of microbes in medicine, agriculture, and industry. 2 Lec/4 Lab.

**BIO 328 Plant Physiology. (4) II.**

Prerequisites: BIO 131 and CHE 112; or instructor approval. Application of elementary physical and biological principles to the understanding of plant processes involved in the assimilation, metabolism, and regulation of growth and development. 2 Lec/4 Lab.

**BIO 331 Cell Biology. (3) I.**

Prerequisites: BIO 121 and CHE 112. An introduction to the structure and function of plant and animal cells, with emphasis on the structure and function of cell organelles. An overview of molecular techniques used in the study of cellular metabolism.

**BIO 335 Plant Systematics. (3) II.**

Prerequisite: BIO 131. Identification, classification and phylogeny of vascular plants; principles of taxonomy. 1 Lec/4 Lab.

**BIO 340 Marine Biology. (3) II.**

Prerequisite: instructor approval. To develop an understanding of marine organisms, the course will include an extended field trip to a marine ecosystem and will involve collection, identification, study of the ecology and life histories of marine organisms. 2 Lec/3 Lab.

**BIO 342 Comparative Vertebrate Anatomy. (4) I.**

Prerequisite: BIO 141. Phylogeny and morphology of the classes of vertebrates. Comparative studies of organs and systems of vertebrate animals based principally on the dogfish, *Necturus*, and cat. 2 Lec/4 Lab.

**BIO 348 Animal Physiology. (4) I, II.**

Prerequisites: BIO 121 and CHE 112. A study of the physical and chemical aspects of mechanisms of function of animals at the organ-system level of organization, in relationship to homeostasis, with appropriate laboratory methodology. 2 Lec/4 Lab.

**BIO 349 Applied Learning in Biology. (1-8) A.**

Work in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate; sixteen, baccalaureate. A minimum of 80 hours of employment required for each semester hour of academic credit. May not be used to satisfy area, major, or minor requirements.

**BIO 349 A-N Cooperative Study: Biology. (1-8) A.**

Work in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate; sixteen, baccalaureate. A minimum of 80 hours of employment required for each semester hour of academic credit. May not be used to satisfy area, major, or minor requirements.

**BIO 371 Neuroanatomy. (3) I, II.**

Prerequisite: BIO 171 or instructor approval. Anatomy of the nervous system and the relationships to functions of systems of the human body. May not be used to satisfy area, major, or minor requirements in the Department of Biological Sciences. 2 Lec/2 Lab.

**BIO 378 Human Physiology Laboratory. (1) I, II.**

Prerequisite or Corequisite: BIO 301. A series of experiments will be presented which will allow students to demonstrate some of the typical physiological processes of animals as these relate to human physiology. May not be used to satisfy area, major, or minor requirements. 2 Lab. Gen. Ed. 13 with BIO 301.

**BIO 380 Wildlife Law & Law Enforcement. (3) A.**

Discussion of pertinent state and federal wildlife laws and how law enforcement impacts wildlife management.

**BIO 381 Principles of Wildlife Management. (3) I.**

Basic principles of wildlife

management and their application to current management issues.

**BIO 382 Wildlife Population Analysis. (4) I.**

Population ecology of vertebrates, with a focus on field methods and analysis of data applicable to wildlife conservation. Recommend BIO 316 and 381 prior to or concurrent with enrollment. 2 Lec/4 Lab.

**BIO 382W Wildlife Population Analysis. (4) I.**

Prerequisites: ENG 102 or ENG 105(B) or HON 102, and Wildlife Management major or department approval. Population ecology of vertebrates, with a focus on field methods, analysis of data, and writing techniques applicable to wildlife conservation. Recommend BIO 316 and 381 prior to or concurrent with enrollment. Credit will not be awarded for both BIO 382 and 382W. 2 Lec/4 Lab.

**BIO 399 Trends in The Biological Sciences. (1-4) A.**

Prerequisite: instructor approval. A presentation of selected topics in the biological sciences reflective of new developments and current trends in scientific advancement. May be retaken to a maximum of six hours. Gen. Ed. 15 or 16.

**BIO 489 Field Studies in Wildlife. (1-3) A.**

Prerequisite: student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment. Field studies designed to enhance the student's wildlife management techniques. Required of all wildlife management majors during the junior or senior year. May be retaken to a maximum of three hours.

**BIO 490 Biology Seminar. (1) I, II.**

Prerequisite: junior or senior standing in biology. Students and members of the faculty meet to present, discuss, and exchange ideas on selected topics, based on the scientific literature for the biological sciences.

**BIO 510 Biostatistics. (3) I.**

Prerequisite: MAT 107 or instructor approval. Statistical analysis of biological data. Students participate in the taking and processing of data by the use of well-established statistical techniques. 2 Lec/2 Lab-Disc.

**BIO 511 Experimental Approaches in Molecular Biology. (3) I.**

Prerequisite: BIO 121. Laboratory experience-based course in molecular biology techniques. Subject will be introduced in a lecture setting and practical laboratory training. Techniques will include PCR-based methodologies; immunological approaches; basic protein and nucleic acid manipulations. 1 Lec/4 Lab.

**BIO 514 Evolution. (3) I, II.**

Prerequisite: BIO 315 or instructor approval. Processes of organic evolution with emphasis on the theory of natural selection.

**BIO 521 Forest Ecology. (4) A.**

Prerequisites: BIO 131 and 316 or BIO 335 or departmental approval. Ecological concepts and principles relevant to eastern trees and ecosystems. Required weekend labs and fall break trip. 2 Lec/4 Lab.

**BIO 522 Grasses and Grasslands. (3) I.**

Prerequisite: instructor approval. Development and composition of grasslands; phylogeny, classification, and identification of grasses. Emphasis on North American grasses and grasslands with field trips to native and managed grasslands. 1 Lec/4 Lab.

**BIO 525 Aquatic and Wetland Plants. (3) A.**

Prerequisite: BIO 131. Collection, systematics, distribution, ecology, and reproduction of aquatic and wetland vascular plants. 1 Lec/4 Lab.

**BIO 527 Immunology. (3) A.**

Prerequisites: BIO 320 and CHE 361; or instructor approval. Characteristics of immune reactions at the molecular level and *in vivo*. Nature and interactions of antigens and antibodies, and allergic phenomena. 2 Lec/3 Lab.

**BIO 528 Virology. (3) A.**

Prerequisite: BIO 320. Fundamentals of classification, structure, and pathogenesis of viruses. Host-virus interactions and their applications to medicine and industry. Viral related areas of immunology, cell culture procedures, and applications will be introduced. 2 Lec/3 Lab.

**BIO 529 Microbiology in Everyday Life. (3) I, II.**

Prerequisite: BIO 100, 102 or 121 or departmental approval. Microbes in medicine, agriculture, and industry; emphasis on teaching

microbiology in the classroom. Course open only to Biology-Teaching or Education majors.

**BIO 530 Microbial Physiology and Genetics. (3) A.** Prerequisites: BIO 315, 320, and CHE 361; or instructor approval. A study of microbial genetics, metabolism, nutrition, and the effects of chemical and physical environments upon microorganisms in their habitats, with emphasis upon microbes of economic, human, and industrial importance.

**BIO 531 Principles of Molecular Biology I. (4) A.** Prerequisites: BIO 315, CHE 361, and 366; or instructor approval. An in-depth study of the structure, function, and biochemistry of nucleic acids and proteins. Laboratory experiences will involve manipulations of DNA and protein molecules for the purpose of isolation, purification, and structural modification. 2 Lec/4 Lab.

**BIO 532 Conservation Biology. (3) L.** Prerequisite: BIO 316 or instructor approval. Examination of principles and practices of conserving global biological diversity. Causes, consequences and rates of extinction. Application of philosophical, biological, sociological, and legal principles to the conservation of genes, species and ecosystems.

**BIO 533 Bioinformatics: Principles and Applications. (3) II.** Prerequisite: BIO 315. An exposure to the theory and practice of bioinformatics, as they relate to laboratory (Cell and Molecular Biology, Biochemistry) and field (Evolutionary and Population Biology) research applications in the life sciences. Discussion and utilization of the prevalent approaches and methodologies currently used in Bioinformatics.

**BIO 535 Pathogenic Microbiology. (4) A.** Prerequisite: BIO 320 or departmental approval. Studies in the field of advanced clinical microbiology with emphasis on morphology, cultivation, biochemistry, and serological identification of bacterial diseases; aspects of pathogenesis, epidemiology, and control measures of bacterial and mycotic diseases. 2 Lec/4 Lab.

**BIO 536 Dendrology. (3) I.** Prerequisite: BIO 131 or instructor approval. Woody plant taxonomy with emphasis on field identification of trees and shrubs in summer and winter conditions; habitats and distributions; economic importance; forest regions of North America. 1 Lec/4 Lab.

**BIO 542 Freshwater Invertebrates. (3) A.** Prerequisite: BIO 141 or instructor approval. Collection, systematics, distribution, behavior, ecology, and life histories of freshwater invertebrates. 2 Lec/3 Lab.

**BIO 546 Histology. (4) II.** Prerequisite: BIO 121. Microscopic anatomy of normal vertebrate cells, tissues, and organs. 2 Lec/4 Lab.

**BIO 547 Comparative Vertebrate Embryology. (4) II.** Prerequisite: BIO 121. Gametogenesis, fertilization, morphogenesis, and organogenesis of the frog, bird, and mammal. Particular emphasis is placed on mammalian development. 2 Lec/4 Lab.

**BIO 550 Animal Behavior. (4) A.** Prerequisite: BIO 121. Advanced study of behavior with emphasis on inherited behavioral patterns in relation to the evolution and ecology of animals. 3 Lec/2 Lab.

**BIO 553 Mammalogy. (3) A.** Classification, natural history, field methods, and distribution of mammals. 1 Lec/4 Lab. BIO 316 or 342 recommended prior to enrollment.

**BIO 554 Ornithology. (3) A.** Prerequisite: BIO 121 or departmental approval. Avian biology with emphasis on field identification of local avifauna, anatomy, physiology, ecology, evolution, migration, economic importance, distribution, and behavioral patterns. Early morning field trips required. 2 Lec/4 Lab.

**BIO 555 Behavioral Ecology. (3) A.** Prerequisite: BIO 316 or instructor approval. How behavior is influenced by natural selection in relation

to ecological conditions. Emphasis on quantitative and experimental methods and on integrating theoretical ideas with field and laboratory evidence.

**BIO 556 Herpetology. (3) A.** Prerequisite: BIO 141 or instructor approval. Natural history of the amphibians and reptiles including taxonomy, general ecology, behavior, distribution, breeding, and food habits. 2 Lec/3 Lab.

**BIO 557 Ichthyology. (3) A.** Prerequisite: BIO 141. A phylogenetic examination of morphological, ecological, and behavioral diversification of fishes of the world, with special attention to the Appalachian fauna. Laboratory devoted to anatomy, identification, and reproductive strategies. 2 Lec/4 Lab.

**BIO 558 Freshwater Ecology. (3) A.** Prerequisite: BIO 316 or instructor approval. Ecology of lakes and streams with special reference to physical, chemical, and biological factors. To include a variety of methods and instruments. 2 Lec/3 Lab-Disc.

**BIO 561 Fisheries Biology. (3) A.** Prerequisite: BIO 141. Methods for assessment and analysis of fish populations and aquatic habitats, including age and growth, fecundity, food habits, and yield. Emphasis on economic and ecological importance of management decisions. 2 Lec/4 Lab.

**BIO 584 Upland Wildlife Management. (4) A.** Prerequisite: BIO 381 or departmental approval. Ecological principles and management strategies to preserve and enhance forest and grassland wildlife and their habitats.

**BIO 585 Wildlife Resource Policy and Administration. (3) A.** Discussion of state, regional, national, and international policies and agencies which impact management of wildlife resources; with emphasis in North America. BIO 381 recommended prior to enrollment.

**BIO 586 Wetland Wildlife Management. (4) II.** Ecology and management of migratory and resident wetland wildlife populations and their habitats, with a focus on waterfowl. Recommend BIO 316 and 381 prior to enrollment. 2 Lec/4 Lab.

**BIO 587 Urban Wildlife Management. (3) A.** The strategies employed to manage urban wildlife and prevent/control animal damage in North America will be discussed.

**BIO 598 Special Problems. (1-3) I, II.** Prerequisites: junior or senior standing; students must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment. Independent research in the biological sciences, under the guidance of a faculty member, which allows students to design a research problem and make experimental observations and conclusions. May be retaken to a maximum of four hours.

**BIO 599 Topics in Biological Sciences. (1-6) A.** Prerequisites: BIO 211 and instructor approval. Special topics in the biological sciences of current interest to faculty and students will be presented through lecture, discussion, and reports. May be retaken to a maximum of six hours.

**BTO—Business and Technology Orientation**  
Dr. Robert Rogow, Dean

**BTO 100 Academic Orientation. (1) I, II.** Designed to orient the student to university academic life and afford background for career choice and preparation. Included are University regulations and calendar, catalog details, registration, various career opportunities, and program requirements. Open to all students during their first two semesters of enrollment at EKU; beyond that open to students with fewer than 30 semester hours earned.

**BTS—Business and Technology Seminar**  
Dr. Robert Rogow, Dean

**BTS 300 Professional Skills Seminar. (0) I, II.** Required of all Business and Technology students who have earned at least 60 hours. Credit (CR) will be

given when students have attended and/or completed department-sponsored activities regarding professional skills and careers.

**BTS 400 College to Careers Seminar. (0) II.** Prerequisite: AGR 305 or BTS 300. Required of all Business and Technology students who have earned at least 90 hours. Credit (CR) will be given when students have attended the annual College of Business and Technology's Student Success: College to Careers Conference.

**CAH—Arts and Sciences Interdisciplinary**  
Dr. John Wade, Dean

**CAH 515 Topics in Humanities: \_\_\_\_\_. (1-3) A.** An experimental course designed to investigate relevant topics in Arts and Humanities.

**CCT—Corporate Communication and Technology**  
Dr. Lana Carnes, Chair

**CCT 101 Entrepreneurship. (3) I, II.** An introduction of entrepreneurship in the global economy. The processes of creating and launching a new business based on the economic environment, types of business ownership, and the functions of business. For pre-business, business, and non-business majors.

**CCT 106 Electronic Data Input. (1) I, II.** Development of basic touch keyboarding skills for using computers; introduction to formatting memorandums and letters. Students who have basic keyboarding skills may be able to test out of this course.

**CCT 107 Intermediate Keyboarding. (3) I, II.** Continued emphasis on speed and accuracy building; increased emphasis on business letters, manuscripts, reports, text editing, and formatting.

**CCT 200 Word Processing Applications. (3) A.** Development of basic word processing skills using computers. Emphasis on document building, text editing, formatting, saving and retrieving files, search, replace, and the columns feature.

**CCT 201 Professional Communication. (3) I, II.** Prerequisites: ENG 101 and 102 (or 105). Principles and practices of modern professional communication; various types of professional letters and reports are studied; emphasis on writing letters and reports. Gen. Ed. Block VIII.

**CCT 240 Records Management. (3) A.** Creation, classification, retention, protection, and disposal of records; filing systems, procedures, and equipment; effects of technology on information management; facilities layout; records personnel administration; records control.

**CCT 250 Integrated Office Software. (3) A.** Prerequisite: CCT 200. Introduction to integrated office software applications.

**CCT 254 Business and Office Calculations. (3) A.** Development of competency in business computations such as bank and sales records, discounts, commissions, markups, credit charges, payroll, taxes, depreciation, insurance, stocks, bonds, interest, and present value.

**CCT 280 Office Procedures and Administration. (3) A.** Procedures, technologies, human relations, and services of modern, dynamic offices.

**CCT 290 Office Systems Applications. (3) I, II.** Prerequisite: CCT 250 or CIS 212 or CSC 104. Emphasis on advanced applications of integrated office software as productivity tools.

**CCT 300W Managerial Reports. (3) I, II.** Prerequisites: ENG 101 and 102 (or 105), ACC 201, 202 and ECO 230 with a grade of "C" or better in each course; Junior Standing (A minimum of 60 hours) with an overall minimum 2.0 GPA. A writing intensive study of applications of communication theory, research methods, and information technology to communication within organizations. Includes common communication tasks faced by managers; communication task and audience analysis; collecting, organizing, analyzing, and interpreting data. Emphasizes written and oral reporting.



**CCT 302 Desktop Publishing for the Business Office. (3) I, II.** Prerequisite: CCT 200 or 250 or CIS 212. Development of business document design techniques using Windows and desktop publishing.

**CCT 303 Office Systems Management and Support. (3) A.** Prerequisite: CCT 200 or 250 or CIS 212 or CSC 104. Provides opportunities for students to study, understand, and experience a wide range of activities appropriate for modern office operations. Refinement and application of skills and knowledge for effective and efficient management of office systems and technology.

**CCT 310 International Business Communication. (3) A.** Prerequisites: ENG 101 and 102 (or 105). Characteristics of cultural differences that alter communication symbols and meanings for international business activity. Topics include culture profiles and conducting business, business protocol, international documents/U.S. documents, negotiation strategies, and oral presentations to intercultural business audiences.

**CCT 340 Office Systems Planning. (3) A.** Prerequisite: CCT 250. Office systems planning emphasizes work group interaction and implementation process, tactics, and strategies. Involves applications through case or field-based projects. Office systems productivity assessment; inter-group needs related to end-user, departmental, divisional, and organizational goals.

**CCT 349 Applied Learning in Corporate Communication and Technology. (1-8) A.** Prerequisites: minimum GPA of 2.25 and 30 hours for associate degree, 60 hours for baccalaureate degree. Co-op Coordinator approval is required. Approved work experience directly related to academic major and/or career goals. Minimum of 80 hours work for each credit hour. Three hours required in Office Systems Technology. Three hours may be used as an upper division business elective in the undergraduate program. May be repeated up to 8 credit hours for the associate degree and 16 credit hours for undergraduate program.

**CCT 349 A-N Cooperative Study: Corporate Communication and Technology. (1-8) A.** Prerequisites: minimum GPA of 2.25 and 30 hours for associate degree, 60 hours for baccalaureate degree. Co-op Coordinator approval is required. Approved work experience directly related to academic major and/or career goals. Minimum of 80 hours work for each credit hour. Three hours required in Office Systems Technology. Three hours may be used as an upper division business elective in the undergraduate program. May be repeated up to 8 credit hours for the associate degree and 16 credit hours for undergraduate program.

**CCT 460 Corporate Communication and Technology Internship. (2-4) A.** Prerequisites: GPA of 2.25; CCT 201, 300W. Internship experiences appropriate for the student's major. Enrollment is limited to students with CCT majors in the department of Information Systems.

**CCT 490 Special Problems in Corporate Communication and Technology. (1-4) A.** May be retaken under different sub-topics to a cumulative maximum of six hours. Independent work, special topics, or seminars. Students must have the independent study proposal form approved by department chair prior to enrollment.

**CCT 520 Corporate Training. (3) A.** Prerequisite: 90 credit hours completed. This course applies theories of learning and instructional development to office systems employee education and skills training. Topics include instructional design; strategy; technology; and the implementation, evaluation, and management of training in an organizational environment.

**CCT 550 Integrated Corporate Communication. (3) A.** Prerequisite: senior or graduate standing. Examines effective integrated communication skills to achieve organizational objectives. Emphasizes analysis and application of

communication process and strategies for managerial decision-making. Examines change process, corporate culture, and negotiation issues. Provides corporate training component.

**CCT 570 Web Design for Offices. (3) A.** Prerequisites: CCT 250 or CIS 212 or CSC 104. Advanced development of business document design techniques with an emphasis on web design and multi-media resources. Geared for education, small offices or businesses, personal use, and not-for-profit organizations.

**CCT 580 Office Technology Seminar. (3) A.** Prerequisites: CCT 250 or CSC 104 or CIS 212 and CCT 300W or CCT 201, 90 credit hours completed. This capstone course requires synthesis and applications of concepts related to current office systems topics.

**CDF—Child and Family Studies**  
**Dr. Diane Leggett, Chair**

**CDF 132 Introduction to the Family. (3) I, II.** Cross listed as WGS 132. Ecological and systems approach applied to public and private family concepts; historical changes and current status; relationships among individuals, families, consumers, and communities; status of women, men, children and the elderly; public policy related to changes in the family. Credit will not be awarded for both CDF 132 and WGS 132.

**CDF 210 Special Topics in Early Childhood Education: \_\_\_\_\_. (1-3) A.** Selected topics in child development and early childhood program planning. May be retaken to a maximum of six hours provided topics vary.

**CDF 232 Identity and Sexuality. (3) I, II.** Cross listed as WGS 232. An exploration of the changing attitudes about and among men/women and their effect on choices and interpersonal relationships. Emphasis will be on promotion and maintenance of positive mental, physical, emotional, and sexual development. Credit will not be awarded for both CDF 232 and HEA 375 or WGS 232.

**CDF 235 Child Development: Conception-Six Years. (3) I, II.** Developmental characteristics and theory pertinent to children conception to age six. Special emphasis on observational assessment skills and construction of individual case studies.

**CDF 236 Interaction and Guidance. (3) I, II.** Overview of guidance strategies in fostering children's social competency within group or individually. Adults' role in various interactions (e.g. parent-child, teacher-child) and resources for working with families/parents (e.g. parent education workshop) will be explored.

**CDF 243 Introduction to Family Life Programs. (3) A.** Prerequisite or Corequisite: CDF 132. Examination of programs which focus on forming partnerships with families through the public, private, and nonprofit sectors to support family and individual well-being. Career development and opportunities explored.

**CDF 246 Creative Activities and Materials for Young Children. (3) I, II.** Prerequisite: CDF 235 or department approval. Survey of learning experiences in various curriculum areas. Planning activities, including techniques and materials, to provide environment appropriate to the age and background of young children for the individual child based on age, ability, culture and ethnicity.

**CDF 299 Case Study: Observational Assessment. (1) A.** Survey of observational methods applied to individual studies. Open to transfer students only.

**CDF 327S Family Involvement with Young Children. (3) I, II.** Prerequisites: CDF 235 or CDF 241 and 244, 236, and 246 or CDF 345 or departmental approval. Study of effective relationships with families. Methods and materials useful in fostering family life education, including adult learning principles. Experiences include implementing family service plans, planning discussion groups, conducting home

visits, and parent-teacher conferences. Includes 15 service learning hours.

**CDF 331 Marriage and Intimate Relationships. (3) I.** Cross listed as WGS 331. The process within and types of intimate relationships in contemporary times. Topics include singlehood, partner selection, marriage, divorce, remarriage, long-term enduring marriage, and factors which affect the success of intimate relationships. Credit will not be awarded for both CDF 331 and WGS 331.

**CDF 342 Child and Adolescent Development. (3) II.** Study of U.S. youth, utilizing systems theory and a life-course perspective approach. Effects of economic, social, and technological change on policies and programs affecting youth of diverse backgrounds.

**CDF 343 Program Planning for Preschool Children. (3) I, II.** Prerequisites: CDF 235, 236 and 246 or CDF 345 or department approval. Planning, implementation, and evaluation of developmentally and culturally appropriate environment for preschool children. Emphasis on inquiry learning, documentation, project work, collaborative work with families/colleagues/community, and various programs (e.g. Montessori, Head Start, HighScope).

**CDF 344 Program Planning for Infants and Toddlers. (3) I, II.** Prerequisite: CDF 235. Planning, implementation, and evaluation of developmentally and culturally appropriate environments for infants and toddlers. Emphasis is placed on the caregiver-infant relationship, developmental assessment, laboratory and field experiences, and environmental adaptations for special needs.

**CDF 346 Play-Based Assessment for Early Childhood Program Planning. (3) II.** Prerequisites: CDF 343 and 344; or department approval. Overview of play-based assessment and examination of tools emphasizing a transdisciplinary approach. Use of information collected from screening and arena-based assessment for program planning in center and home based settings.

**CDF 349 Applied Learning in Child Development. (1-8) A.** Prerequisite: department approval. Work under faculty and field supervisors in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate; sixteen, baccalaureate. A minimum of 80 hours work required for each academic credit. Maximum of three hours may be counted in major requirements toward degree.

**CDF 349 A-N Cooperative Study: Child Development. (1-8) A.** Prerequisite: department approval. Work under faculty and field supervisors in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate; sixteen, baccalaureate. A minimum of 80 hours work required for each academic credit. Maximum of three hours may be counted in major requirements toward degree.

**CDF 351 Practicum for Early Childhood Practitioners. (3) A.** Prerequisites: department approval, 2.5 cumulative GPA, minimum grade of "C" in all courses with "CDF" prefix. Enrollment limited to students who have earned a Child Development Associate credential with college credit. Teaching experience in early childhood programs emphasizing emergent curriculum, documentation, project work, and family involvement. Meetings for collaborative planning/preparation.

**CDF 424 Diversity Awareness for Professional Practice. (3) II.** Prerequisite: junior standing. Professionals working with individuals and families today must develop cultural competency. With a focus on sensitivity and respect, this course provides an overview of diversity in society, including race, gender, socioeconomic status, sexual orientation, religion, and other forms of diversity.

**CDF 437 Family Stress and Resilience. (3) I, II.** Prerequisite: CDF 132 or department approval. Study of stressors which may affect the quality of family life and resiliency factors which families and individuals employ to cope effectively with these

stressors. Current research and models of family stress and resilience are studied.

**CDF 441 Family Dynamics in Adulthood and Aging. (3) A.** Individual and familial development from young adulthood through death. Particular focus on changing family roles as members age. Emphasis on social changes affecting life satisfaction, living environments, and social relations of the middle-aged and elderly.

**CDF 443 Family Studies Practicum. (9) A.** Prerequisites: CDF 132, 243, and 247 or 327; 3.0 GPA in major, and minimum of "C" in all courses with a CDF prefix; senior standing. Supervised practicum experience in family life education, family resources and community-based programs serving individuals and families in the public, private, and nonprofit sectors.

**CDF 449 Special Problems in Child Development. (1-3) A.** Prerequisites: department approval and a 3.0 GPA (major). May be retaken to a maximum of six hours provided topics vary. The student chooses a problem and works under the supervision of the instructor. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

**CDF 450 Early Childhood Practicum. (9) I, II.** Prerequisites: CDF 247 or 327, 248 or 343 and 246 or 345, 3.0 GPA in major requirements, and minimum grade of "C" in all courses with a CDF prefix. Practicum focusing on designing and equipping the environment, implementing learning experiences, developing strategies for guiding young children, and arranging effective communication for family involvement. Meetings for collaborative planning and reflective discussion to make program decisions.

**CDF 499 Supervised Teaching IECE. (12) I, II.** Prerequisites: completion of all major courses, supporting courses, special education minor, and professional courses. Practice teaching in programs for children ages birth through five years focusing on organizing environments for learning, planning and implementing developmentally appropriate curricula, selecting and implementing guidance strategies, assessing individual strengths and concerns of children and their families and colleagues for the benefit of children.

**CDF 501 Prenatal and Infant Development. (3) I, II, A.** Growth and development from conception to three years. In-depth study of theories and issues related to development during the first three years and before birth. Impact of family, education, and community will be explored.

**CDF 538 Research Analysis in Child and Family Studies. (3) I.** Prerequisites: CDF 235 and six hours in CDF; or department approval. Students will acquire the skills required to read and evaluate professional research literature in child and family studies by examining current studies. Students will also compare and contrast the treatment of current issues in their field in both popular and professional writing.

**CDF 541 Infant-Toddler Development and Group Care. (3) A.** Growth and development from conception to three years. Emphasis on family intervention, appropriate policies and practices for group care, assessment, disabilities, multicultural and gender issues, and caregiver professional growth.

**CDF 544 Early Childhood Development and Program Planning. (3) A.** Theory pertinent to early childhood development and learning including constructivism, socially-mediated intelligence, multiple intelligences and creativity. Emphasis on emergent curriculum and teaching strategies reflecting social collaboration such as webbing, project work, and multimedia documentation.

**CDF 547 Organization and Administration of Early Childhood Programs. (3) I.** Prerequisites: CDF 327 or 247, 343 or 248, and 344 or department approval. Review of the theories influencing the definition of goals, philosophies and rationales for

establishment of early childhood programs (0-5), study of the procedures for organizing early childhood programs, and discussion of the management processes for administering quality early childhood programs.

**CDF 550 Child and Family Studies Topics: \_\_\_\_\_.** (1-3) A. Study of various topics in child and family studies selected to meet student needs and interests. May be retaken to a maximum of six hours provided topics vary.

**CDS—Communication Disorders and Sciences  
Dr. Debbie Haydon, Chair**

**CDS 090 Speech-Language Laboratory. (3) A.** Clinical approach to communication problem(s). Instruction in proper use of speech mechanism. Individualized remediation of articulation, fluency, language, and/or voice problems. Concurrent enrollment in Speech-Language-Hearing Clinic may be required. Institutional credit; cannot be used toward graduation.

**CDS 250 Phonetics. (3) I.** Prerequisite: admission to CDS program. Study of the articulatory postures and movements used to produce standard English and defective sounds. Introduction of the International Phonetic Alphabet and practice in using it to transcribe both normal and defective speech.

**CDS 273 Observation in Communication Disorders. (1) II.** Prerequisite: admission to CDS program. Supervised clinical observation of therapy and/or diagnostic services for individuals with communication disorders. Instruction in report writing and observing in various settings. Students must complete 25 clock hours of observation by the end of this semester.

**CDS 275 Introduction to Communication Disorders. (3) I.** Introduction to the nature and causes of speech, language, and hearing disorders. An overview of the field of communication disorders and sciences.

**CDS 285 Anatomy and Physiology of Speech and Hearing Mechanism. (3) I.** Prerequisite: admission to CDS program. Introduction to the anatomical and physiological bases of hearing, respiration, phonation, resonance, and articulation.

**CDS 360 Normal Speech and Language Development. (3) II.** Normal speech and language acquisition from birth through the developmental years; basic linguistic concepts and theories; language differences.

**CDS 365 Language Disorders: Assessment. (3) I.** Prerequisite: admission to the CDS program. Prerequisite/Corequisite: CDS 360. Methods of assessing language content/form/use. Assessment techniques will include standardized tests, language sampling and analysis, and observational techniques and scales.

**CDS 372 Methods and Materials in Communication Disorders. (3) II.** Prerequisite: admission to the CDS program. Overview of scope of practice and credentials for service delivery; management of therapy sessions; clinical policies and procedures; Code of Ethics; precautions for infectious disease control; development of therapy materials and oral mechanism examination kit.

**CDS 373 Articulation and Phonology Disorders. (3) II.** Prerequisite: admission to the CDS program. Characteristics of articulation and phonological problems. Principles of identification and treatment.

**CDS 374 Practicum in Speech Pathology. (3) I.** Prerequisites: 25 hours of observation in communication disorders and sciences, CDS 372 and 373, and overall 2.8 GPA, or Clinic Director approval. Supervised clinical practicum in communication disorders services. May be retaken to a maximum of six credit hours.

**CDS 380 Introduction to Clinical Audiology. (3) I, II.** Prerequisite: admission to CDS program for CDS students; CDS admission policy does not apply to DHH students. Physics of sound, anatomy

& physiology of hearing, auditory pathologies, introduction of basic audiological assessment.

**CDS 464 Language Disorders: Intervention. (3) II.** Prerequisites: CDS 360 and 365. Study of language impairment in children and principles for remediation.

**CDS 465 Disorders of Fluency. (3) I.** Prerequisite: admission to the CDS program. Lectures and selected readings in the theoretical, etiological, and developmental views of assessment and management of stuttering problems in children.

**CDS 474 Advanced Practicum in Speech Pathology. (3) II.** Prerequisites: Overall 2.8 GPA and CDS 374, or Clinic Director approval. Advanced supervised clinical practice in communication disorders services. May be retaken to a maximum of six credit hours.

**CDS 475 Voice Disorders. (3) I.** Prerequisite: admission to the CDS program. Lectures and selected readings in etiological perspectives of functional and organic voice disorders; assessment, classification, and treatment designs for vocal pathologies in children.

**CDS 485 Audiologic Evaluation. (3) II.** Prerequisite: CDS 380. Fundamentals of audiometric assessment, immittance measurement, and electrophysiology via lecture and integrated lab simulations. Techniques for audiometric data collection, interpretation, and reporting. Lec/Lab.

**CDS 487 Aural Rehabilitation. (3) I.** Prerequisite: CDS 485. Fundamentals of aural habilitation/rehabilitation in the form of amplification (hearing aids, cochlear implants, assistive listening devices), speech reading, auditory-visual-kinesthetic perception, pediatric rehab techniques, educational management, counseling.

**CDS 488 Practicum in Audiology. (1) I, II.** Prerequisites: Overall 2.8 GPA or Clinic Director approval. Supervised clinical practice in audiology. May be retaken to a maximum of two credit hours.

**CDS 520 Augmentative and Alternative Communication Systems. (3) A.** An overview of various approaches to aided non-oral systems of communication. Various devices and symbol systems will be discussed.

**CDS 541 School Services in Communication Disorders. (3) II.** Prerequisites: admission to professional education, overall 2.8 GPA, and admission to CDS program; or instructor approval. Organization and management of speech-language therapy services in the schools. Lec/Lab.

**CDS 571 Neural Bases of Communication. (3) I.** Prerequisites: admission to the CDS program or instructor approval. A study of neuroanatomic and neurophysiologic bases of communication including developmental issues and neurologic deficits resulting in communication disorders.

**CDS 572 Speech & Hearing Science. (3) II.** Study of the physics of sound, acoustic characteristics and processes, perceptual correlates, production of speech, and psychophysical processes of communication.

**CHE—Chemistry  
Dr. Lori Wilson, Interim Chair**

**CHE 100 Inquiry Chemistry for Teachers. (3) A.** Prerequisite: completion of all developmental requirements; pre-teaching or teaching elementary and middle school education majors only. Activity-oriented chemistry; elements, molecules, solutions, acids and bases, reactions, energy and environmental topics. Credit will not be awarded to students who have credit for CHE 101 or CHE 105 or CHE 111. 2 Lec/2 Lab. Gen. Ed. IVB or VII (NS). [NS].

**CHE 101 Chemistry in Everyday Life. (3) I, II.** Prerequisite: completion of all developmental requirements. Prerequisite or Corequisite: CHE 107. For students who plan to take no more than one year of chemistry. Basic principles of structure and properties of matter, chemical nomenclature and

reactivity. Relates chemistry concepts to everyday life phenomena. A withdrawal from CHE 101 must be matched by a withdrawal from CHE 107. Gen. Ed. VII (NS) or IVB with CHE 107. [NS].

**CHE 102 Introductory Chemistry II. (4) I, II.** Prerequisite: CHE 101. Continuation of CHE 101, emphasis on elementary organic chemistry, biochemistry, and industrial chemistry. 3 Lec/2 Lab. Gen. Ed. VII (NS).

**CHE 105 Chemistry for the Health Sciences. (3) I, II.** Prerequisite: completion of all developmental requirements. Prerequisite or Corequisite: CHE 107. An introductory course for students in allied health. Principles of bonding, structure, and reactivity related to biological processes. A withdrawal from CHE 105 must be matched by a withdrawal from CHE 107. Gen. Ed. VII (NS) or IVB with CHE 107. [NS].

**CHE 107 Introductory Chemistry Lab. (1) I, II.** Prerequisite: completion of all developmental requirements. Prerequisite or Corequisite: CHE 101 or CHE 105. Laboratory component of CHE 101 and CHE 105. Basic laboratory techniques, methods of separation, types of chemical reactions, solution preparation, titrations, household chemicals, molecular modeling. 2 Lab. Gen. Ed. IVB with CHE 101 or CHE 105. [NS].

**CHE 111 General Chemistry I. (3) I, II.** Prerequisite or Corequisite: CHE 111L and ACT math score of 22+ or SAT math score of 530+ or MAT 107 with a grade of "C" or better or departmental approval. Principles of atomic and molecular structure and reactivity, stoichiometry, states of matter. Prepares students for further studies in chemistry. One year of high school chemistry is recommended. A withdrawal from CHE 111 must be matched by a withdrawal from CHE 111L. Gen. Ed. VII (NS) or IVB with CHE 111L. [NS].

**CHE 111L General Chemistry Lab I. (1) I, II.** Formerly CHE 115. Prerequisite or Corequisite: CHE 111. Laboratory component of CHE 111. Basic laboratory techniques, methods of separation, types of chemical reactions, solution preparation and standardization, titrations, molecular modeling, qualitative analysis, gases, virtual labs on computer. Credit will not be awarded for both CHE 111L and CHE 115. 3 Lab. Gen. Ed. IVB with CHE 111. [NS].

**CHE 112 General Chemistry II. (3) I, II.** Prerequisite: CHE 111 and 111L with a grade of "C" or better. Prerequisite or Corequisite: CHE 112L or CHE 112HL with a grade of "C" or better. Continuation of CHE 111. Kinetics and equilibrium, solution chemistry, energy changes in chemical reactions, descriptive inorganic chemistry. Prepares students for further studies in chemistry. A withdrawal from CHE 112 must be matched by a withdrawal from CHE 112L or CHE 112HL. Gen. Ed. VII (NS) or IVB with CHE 112L or CHE 112HL. [NS].

**CHE 112HL Gen. Chemistry Honors Lab II. (2) I, II.** Formerly CHE 116H. Prerequisites: CHE 111 and CHE 111L with a grade of "A" or departmental approval. Prerequisite or Corequisite: CHE 112 with a grade of "B" or better. Laboratory component of CHE 112 for honors students. Kinetics, equilibrium, UV-VIS spectroscopy, introductory qualitative and quantitative analysis, electrochemistry, virtual labs on computer, open-ended inquiry-based activities. Credit will not be awarded for both CHE 112HL and CHE 116H. 4 Lab. Gen. Ed. IVB with CHE 112. [NS].

**CHE 112L General Chemistry Lab II. (1) I, II.** Formerly CHE 116. Prerequisites: CHE 111 and 111L with a grade of "C" or better. Prerequisite or Corequisite: CHE 112 with a grade of "C" or better. Laboratory component of CHE 112. Kinetics, equilibrium, UV-VIS spectroscopy, introductory qualitative and quantitative analysis, electrochemistry, virtual labs on computer. Credit will not be awarded for both CHE 112L and CHE 116. 3 Lab. Gen. Ed. IVB with CHE 112. [NS].

**CHE 325 Quantitative Analytical Chemistry. (4) A.** Prerequisite: CHE 112 with a grade of "C" or better. Introductory course in gravimetric, volumetric, colorimetric, and electrometric analysis, including the interpretation of chemical data and calculations. 2 Lec/6 Lab.

**CHE 330 Introductory Biochemistry. (4) A.** Prerequisites: CHE 102 or 361 and 361L; or instructor approval. May not be used to satisfy B.S. Chemistry requirements. Compounds and reactions of biological and nutritional importance. Amino acids, proteins, lipids, carbohydrates, vitamins, enzyme systems, digestion, absorption, pathways. 3 Lec/2 Lab.

**CHE 349 Applied Learning in Chemistry. (1-8) A.** Work in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: sixteen, baccalaureate. A minimum of 80 hours of employment required for each semester hour of academic credit. May not be used to satisfy area, major or minor requirements.

**CHE 349 A-N Cooperative Study: Chemistry. (1-8) A.** Work in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: sixteen, baccalaureate. A minimum of 80 hours of employment required for each semester hour of academic credit. May not be used to satisfy area, major or minor requirements.

**CHE 361 Organic Chemistry I. (3) I, II.** Prerequisite: CHE 112 with a "C" (2.0) or better. Bonding; structure; reaction theory; aliphatic hydrocarbons; functional groups; stereochemistry; aromatic hydrocarbons; spectroscopy; substitution and elimination reactions. A withdrawal from CHE 361 must be matched by a withdrawal from CHE 361L.

**CHE 361L Organic Chemistry Lab I. (1) I, II.** Formerly CHE 366. Prerequisite or Corequisite: CHE 361. Laboratory component of CHE 361. Experimental work to illustrate principles of organic chemistry. Basic techniques including separation and spectroscopic methods; and selected syntheses. 3 Lab. Credit will not be awarded for both CHE 361L and CHE 366.

**CHE 362 Organic Chemistry II. (3) I, II.** Prerequisites: CHE 361 with a grade of "C" (2.0) or better. Alcohols and ethers; aldehydes and ketones; carboxylic acids and derivatives; carbanions; amines; phenols; carbohydrates and amino acids. A withdrawal from CHE 362 must be matched by a withdrawal from CHE 362L.

**CHE 362L Organic Chemistry Lab II. (1) I, II.** Formerly CHE 367. Prerequisites: CHE 361 and 361L with a "C" (2.0) or better. Prerequisite or Corequisite: CHE 362. Laboratory component of CHE 362. Experimental work to illustrate principles of organic chemistry. Selected chemical syntheses and advanced techniques such as separation and spectroscopic methods. 3 Lab. Credit will not be awarded for both CHE 362L and CHE 367.

**CHE 385 Chemical Literature (2) I.** Prerequisites: CHE 112(C). Course introduces professional tools and techniques necessary for scientists including chemical literature searching, methods for disseminating chemical data, chemical safety, and professional conduct. Credit will not be awarded for both CHE 385 and 480.

**CHE 470 Principles of Physical Chemistry. (4) I.** Prerequisites: CHE 361 with a "C" (2.0) or better; MAT 124, or MAT 261. Pre or Corequisite: PHY 131 or 201. Thermodynamics, equilibrium, electrochemistry, reaction kinetics, atomic structure, bonding, spectroscopy and selected topics.

**CHE 473 Physical Chemistry Laboratory. (2) A.** Prerequisite: CHE 325. Prerequisites or Corequisites: CHE 470, 574 or 575; CHE 385. A functional knowledge of computers is expected. Experimental work to illustrate principles of physical chemistry; thermochemistry, equilibrium; reaction kinetics; molecular spectroscopy. 6 Lab.

**CHE 484 Chemistry Colloquium (1) I, II.** Prerequisites: CHE 325 and 362. Lectures and presentations of chemical information by local or visiting scholars currently involved in chemical

research. One weekly meeting. Cannot be taken concurrent with CHE 485. May be retaken for a maximum of two hours.

**CHE 485 Chemistry Seminar. (1) I, II.** Prerequisite: CHE 362(C) and 385(C). Presentation of specific chemical research from recent literature and/or performed experimentation to members of the chemistry faculty and departmental majors. One weekly meeting. Cannot be taken concurrent with CHE 484. Credit will not be awarded for both CHE 481 and 485.

**CHE 495 Introduction to Research. (1-3) I, II.** Prerequisites: CHE 112 and departmental approval. Objectives and techniques of chemical research. Problems in all fields of chemistry. May be retaken to a maximum of nine hours. Student must have the independent study proposal form approved by faculty supervisor and departmental chair prior to enrollment.

**CHE 501 Chemtopics: \_\_\_\_\_. (1-3) A.** Prerequisite: departmental approval. Topics to be chosen from current and/or specialized area of chemistry such as environmental chemistry or industrial chemistry. Topics will vary according to students needs. May be retaken to a maximum of six hours.

**CHE 515 Analysis and Characterization. (4) A.** Prerequisites: CHE 362, 362L, 550, and 574; or departmental approval. Synthesis, separation, and characterization of inorganic and organic compounds and mixtures. Included will be spectroscopic techniques, preparation of derivatives and methods appropriate for handling of air sensitive compounds and those of low thermal stability. 2 Lec/6 Lab.

**CHE 525 Instrumental Methods. (4) A.** Prerequisites: CHE 325, 362, and 362L. Methods of spectroscopic analysis; electrochemical methods; chromatographic methods. Emphasis placed on broad, functional approach to instrumental techniques. 2 Lec/6 Lab.

**CHE 530 Biochemistry of Macromolecules. (3) A.** Prerequisites: CHE 362 and 362L. Structure, analysis, and organization of proteins, nucleic acids, and lipids; physical and organic mechanisms of enzyme action; chemistry of membrane action and the immune system.

**CHE 531 Metabolic Biochemistry. (3) A.** Prerequisites: CHE 362 and 362L. Continuation of CHE 530. Chemistry, catabolism, and biosynthesis of carbohydrates, lipids, amino acids, and nucleotides; analysis of nucleic acids and structure, function, and control of cellular genetic apparatus.

**CHE 532 Biochemistry Laboratory. (1) I.** Prerequisite or Corequisite: CHE 530 or 531 or departmental approval. Experimental techniques characteristic of biochemical research. Purification and characterization of proteins and nucleic acids; use of computers in modeling biochemistry data. 3 Lab.

**CHE 550 Inorganic Chemistry. (3) I.** Prerequisite: CHE 362. Modern concepts of atomic nuclei, atomic structure, and classification of elements. Coordination compounds. Theories of bonding.

**CHE 560 Mechanistic Chemistry. (3) A.** Prerequisites: CHE 362 and 362L, and CHE 470 or 574. Survey of new reactions and comprehensive study of reaction mechanisms.

**CHE 574 Physical Chemistry I. (3) A.** Prerequisite: CHE 361 with a "C" (2.0) or better. Prerequisites or Corequisites: MAT 224 and PHY 131 or 201. A study of thermodynamic properties in physical and chemical systems; electrochemical processes; rates and mechanisms of chemical reactions. Credit will not be awarded for both CHE 574 and CHE 471.

**CHE 575 Physical Chemistry II. (3) A.** Prerequisite: CHE 361 with "C" (2.0) or better. Prerequisite or Corequisite: MAT 225 and PHY 132 or 202. An introduction to quantum mechanics as applied to model, atomic, and molecular systems; applications of atomic and molecular spectroscopy; introduction to computational chemistry. Credit will not be awarded

for both CHE 575 and CHE 472.

**CHE 576 Advanced Physical Chemistry (3)**  
A. Prerequisite: CHE 575 (MAT 353 recommended) or departmental approval. Intermediate and advanced topics in thermodynamics, kinetics, structure and bonding. Credit will not be awarded for both CHE 576 and CHE 572.

**CHE 585 Principles of High Polymers. (3)**  
A. Prerequisites: CHE 362 and 362L. Preparation and characterization of high polymers; monomers, condensation, and additional polymerization; radical, anionic, and cationic initiation. Emphasis on microstructure of the polymer chain and its effect on macromolecular physical properties. 2 Lec/3 Lab.

**CHS—College of Health Sciences**  
Dr. David D. Gale, Dean

**CHS 105 Survey of Medical Terminology. (1) I, II, A.** Independent study, modular design paced by class meetings includes word roots, prefixes, suffixes, and general medical terms. Credit will not be awarded for both CHS 105 and CHS 200.

**CHS 207 Survey of Disease. (3) I.**  
A. Prerequisites: BIO 171, 301. Prerequisite or Corequisite: CHS 105 or departmental approval. An introduction to disease process and management. Includes a survey of disease of the major body systems.

**CHS 210 Special Problems in Health Sciences. (1-4) A.** Prerequisite: departmental chair approval. For independent work, special workshops, or a special topic. May be retaken to a maximum of six hours.

**CHS 342 Understanding AIDS (1) I, II.** A seminar intended to inform students about risk factors and implications associated with acquiring AIDS (Acquired Immune Deficiency Syndrome).

**CHS 344 Seminar in Assertiveness. (1) I, II.** Focus is on four basic components: differences between assertion, aggression, and non-assertion; identification of personal rights and rights of others; reducing cognitive and affective obstacles to acting assertively; and developing assertive skills through active practice methods.

**CHS 349 Applied Learning in Health Sciences. (1-8) A.** Work, under faculty and field supervisors, in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate; sixteen, baccalaureate. Minimum 80 hours work required for each academic credit.

**CHS 349 A-N Cooperative Study: Health Sciences. (1-8) A.** Work, under faculty and field supervisors, in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate; sixteen, baccalaureate. Minimum 80 hours work required for each academic credit.

**CHS 410 Special Problems in Health Sciences. (1-4) A.** Prerequisite: departmental chair approval. For independent work, special workshops, or a special topic. May be retaken to a maximum of six hours.

**CHS 420 Special Topics for Health Professions. (1-2) A.** Prerequisite: senior standing and/or departmental approval. Topics of current interest to students enrolled in health professions. May be retaken to a maximum of six hours.

**CHS 570 Health Care of the Aged. (3) A.** Theories of gerontology; common health problems of the aged; focus on quality health care.

**CIS—Computer Information Systems**  
Dr. Oliver Feltus, Chair

**CIS 212 Introduction to Computer Information Systems. (3) I, II.** Introduction to computer hardware and software systems, the Internet, HTML, and microcomputer applications including spreadsheets, word processing, database, presentation graphics, electronic mail, and Web browsing. Credit will not be awarded for both CIS 212 and CSC 104.

Gen. Ed. VII (QS).

**CIS 215 Introduction to Business Programming. (3) I, II.** Prerequisite: CIS 212 or CIS 240 or CSC 104 or equivalent with a grade of "C-" or better. Introductory computer programming course using a structured programming language to solve business problems. This course will introduce: algorithm concepts and development; structured programming methodologies; language syntax; graphical interface design and event based programming.

**CIS 230 Business Applications of Microcomputers. (3) A.** Prerequisite: CIS 212 or CIS 240 or CSC 104 or equivalent with a grade of "C-" or better. Advanced word processing, spreadsheets, database management, and presentation software.

**CIS 240 Introduction to Web Information Systems. (3) A.** Introduction to design and development of Web-based systems. Includes Internet and Web technology; Web development using design procedures, HTML and XML; and hands-on experience in website design and authoring. Gen. Ed. VII (QS).

**CIS 250 Business Programming II. (3) I, II.** Prerequisite: CIS 215 with a grade of "C-" or better. Intermediate computer programming course introducing: data structures; file input-output using sequential and random techniques; database access; business report generation; advanced graphical interface design and event based programming.

**CIS 300 Management Information Systems. (3) I, II.** Prerequisites: ACC 201, 202, CIS 212 or CSC 104 and ECO 230 with a grade of "C-" or better in each course; junior standing (a minimum of 60 hours) with an overall minimum of 2.0 GPA. Role of information systems in supporting managers, decision making and organizational goals; planning and managing e-business systems; global competition; social and ethical issues.

**CIS 320 Forensic Computing: Investigations (3) A.** Prerequisite: CIS 212 or CIS 240 or CSC 104 with a grade of "C" or better and junior standing. Provide students with an understanding of digital forensics as used in corporate investigations and criminal/civil litigation. Students learn basic tools and techniques to properly initiate a computer forensics investigation, then acquire and analyze that evidence.

**CIS 325 Forensic Computing: Acquisitions (3) A.** Prerequisite: CIS 212 or CIS 240 or CSC 104 with a grade of "C" or better and junior standing. Students will experience and understand the portion of the digital investigation beginning with digital evidence acquisition, then analysis of the evidence, and finally reporting results – implementing various forensic hardware and software including write-blockers and EnCase.

**CIS 335 Data Base Management. (3) I, II.** Prerequisites: Junior standing and CIS 240 or CIS 300 with a grade of "C" or better. Fundamental concepts of database processing; conceptual, logical, and physical design of databases; the use of SQL and DBMS technology for relational database implementation; and general business database management issues. Credit will not be awarded for both CIS 335 and ACC 350.

**CIS 340 Electronic Business Technologies and Tools. (3) II.** Prerequisite: Junior standing and CIS 240 with a grade of "C" or better. The course provides an introduction to e-business infrastructure, tools, and the development of e-business applications with these tools. Topics include the Internet and World Wide Web; client-side. Web applications; HTML, XML, and scripting languages.

**CIS 349 Applied Learning in Computer Information Systems. (1-8) A.** Prerequisites: minimum GPA of 2.25 and 60 credit hours. Co-op Coordinator approval is required. Approved work experience directly related to academic major and/or career goals. Minimum of 80 hours work for each credit hour. Three hours may be used as a major elective. May be repeated for a total of 16 credit hours.

**CIS 349 A-N Cooperative Study: Computer Information Systems. (1-8) A.** Prerequisites: minimum GPA of 2.25 and 60 credit hours. Co-op Coordinator approval is required. Approved work experience directly related to academic major and/or career goals. Minimum of 80 hours work for each credit hour. Three hours may be used as a major elective. May be repeated for a total of 16 credit hours.

**CIS 355 Advanced Business Programming. (3) A.** Prerequisite: CIS 250 with a grade of "C-" or better. An object-oriented computer programming course to solve business problems. This course will introduce: object oriented design; inheritance and composition; advanced interface and component reuse; integration techniques; server-side controls.

**CIS 360 Computer Information Systems Internship. (2-4) A.** Prerequisites: GPA of 2.25 and advisor/departmental approval. Practical experience in computer information systems.

**CIS 370 Seminar in Computer Information Systems. (1-3) A.** Prerequisite: instructor approval. Selected topics of special and contemporary interest to business students. May be retaken under different subtitles to a maximum of six hours.

**CIS 375 Networks and Telecommunication. (3) A.** Prerequisite: Junior standing and CIS 240 with a grade of "C" or better. The study of networking and telecommunications fundamentals including LANs, WANs, and the Internet. Data communication and telecommunication concepts, models, standards, and protocols are studied. Installation, configuration, and management of infrastructure technologies are practiced.

**CIS 380 Information Systems Analysis and Design. (3) A.** Prerequisite: Junior standing and (CIS 215 or 300 with a grade of "C" or better in each course). Systems development life cycle with the emphasis on analysis and design. Topics include requirements determination, logical design, physical design, and implementation planning; feasibility analysis; RAD, prototyping, and object-oriented modeling techniques; software package evaluation, acquisition, and integration.

**CIS 400 Electronic Business Planning and Strategy. (3) I, II.** Prerequisites: Junior standing and CIS 300 with a grade of "C" or better. Course covers the theory and practice of electronic business. Emphasizes e-business models and technology, assessing company performance and value; design, promotion, global and social issues.

**CIS 410 Project Management and Practice. (3) I.** Prerequisites: Junior standing and (CIS 300 or CIS 240 with a grade of "C" or better in each course). This course presents the theory and practice of modern project management. The technical and behavioral aspects of project management and change management are applied with the context of an information systems project.

**CIS 436 Advanced Data Base Management. (3) A.** Prerequisite: CIS 335; CIS 215 or CIS 340 with a grade of "C-" or better in each course. An in-depth study of modern data base management to include advanced and current database topics. Coverage includes advanced data modeling and relational database design and implementation to include current technologies and techniques; database programming; database applications development for electronic business.

**CIS 475 Advanced Telecommunications. (3) A.** Prerequisite: CIS 375 or permission of instructor. More in-depth coverage of telecommunications and networking to include installation and configuration, managing resources connectivity, running applications, monitoring and optimization, trouble shooting, and resources.

**CIS 480 Information Systems Implementation. (3) I, II.** Prerequisites: CIS 215, CIS 340, CIS 380 and CIS 335 with a grade of "C-" or better in each class. An in-depth study of systems development life cycle with an emphasis on

implementation of an IS project. Students develop program specifications, tests plans, code and test a mixed-language software application, and provide system documentation.

**CIS 490 Special Problems in Computer Information Systems. (1-4) A.** Prerequisite: advisor/departmental approval. Independent study in information systems. May be retaken under different sub-topics to a maximum of six hours. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

**CLS—Clinical Laboratory Science  
Worley Johnson, Interim Chair**

**CLS 201 Introduction to Clinical Pathology. (3) II.** Open to all students. Techniques common to clinical laboratories. Stresses basic physical and chemical principles of disease process. 3 Lec.

**CLS 290 Medical Biochemistry. (3) A.** Prerequisite: CHE 112, 112L, and BIO 121. The study of biochemical systems of the body with emphasis on medical consequences when these systems are disrupted. Topics: proteins, carbohydrates, lipids, DNA/RNA and liver functions. 3 Lec.

**CLS 300 Clinical Laboratory Administration. (2) I.** Prerequisite: enrollment in upper division CLS program or departmental approval. Lab calculations, instrumentation, and quality assurance. 2 Lec.

**CLS 303 Clinical Laboratory Skills. (1) I, II.** Prerequisite: enrollment in upper division CLS program or departmental permission. Skills for clinical laboratory practitioners, including laboratory safety, phlebotomy, microscopy, pipetting, universal precautions, and principles of quality assurance.

**CLS 305 Analysis of Body Fluids. (2) I.** Prerequisite: enrollment in upper division CLS program or departmental approval. Principles, procedures, and significance of analysis of urine, spinal fluid, and other fluids commonly examined in the clinical laboratory. 3 Lec/Lab.

**CLS 308 Clinical Serology. (2) I.** Prerequisite: pre-CLS, enrollment in upper division CLS program or departmental approval. Principles, procedures, sources of error, and clinical application of serological tests, immune mechanisms, specimen collection; procedures include ASO, VDRL, RA, LE, IM, Rubella, Cold Agglutinins, fluorescent antibodies, and others. 4 Lec/Lab.

**CLS 309 Clinical Immunology. (1) I, II.** Prerequisite: pre-CLS, enrollment in upper division CLS program or departmental approval. Principles and techniques of antigen- antibody reactions of the human immune system and their relationship to the clinical laboratory.

**CLS 310 Hematology and Coagulation. (5) I.** Prerequisite: enrollment in upper division CLS program or departmental approval. Morphology of blood cells, determination of blood parameters and disorders/diseases associated with blood cells; biochemistry, procedures and disorders/diseases in coagulation. 3 Lec/4 Lab.

**CLS 320 Immunohematology. (3) II.** Prerequisite: enrollment in upper division CLS program or departmental approval. Blood banking, blood grouping, phenotyping, cell panels, compatibility testing, and transfusion practices. 2 Lec/2 Lab.

**CLS 346 Clinical Chemistry. (5) II.** Prerequisite: enrollment in upper division CLS program or departmental approval. Introduction to theory and lab procedures, measurement of constituents of body fluids, instrumentation, and clinical interpretation of results in relation to biochemistry of human systems. 3 Lec/3 Lab.

**CLS 350 Bacteriology and Virology. (5) I.** Prerequisite: BIO 121 or permission of the department, and enrollment in the upper division CLS program.

Study of medically important bacteria with emphasis on the clinical laboratory methods of microscopy, cultivation, identification, antimicrobial susceptibility testing, and quality control. Includes study of rickettsiae, mycoplasmas, chlamydiae, and fundamentals of clinical virology. 3 Lec/4 Lab.

**CLS 355 Mycology and Parasitology. (4) II.** Prerequisites: BIO 121 or permission of the department, and enrollment in the upper division CLS program. Study of fungi and parasites as agents of human disease, with emphasis on the clinical laboratory methods of microscopy, in vitro cultivation, identification, and quality control. 3 Lec/1 Lab.

**CLS 431 Clinical Correlations. (3) I, A.** Prerequisites: enrollment in upper division CLS program and completion of all 300-level CLS courses. Correlates the sub-disciplines of clinical laboratory science. Reviews all areas and stresses laboratory medicine in the health professions. 3 Lec.

**CLS 432 Clinical Chemistry Practicum. (5) II, A.** Prerequisites: enrollment in upper division CLS program and completion of all 300-level CLS courses. Diagnostic chemical procedures in an affiliated laboratory.

**CLS 434 Clinical Microbiology Practicum. (4) I, II.** Prerequisites: enrollment in upper division CLS program and completion of all 300-level CLS courses. Clinical bacteriology, parasitology, and mycology in an affiliated laboratory.

**CLS 436 Lab Management Practicum. (1) I, II.** Prerequisites: enrollment in upper division CLS program and completion of all 300-level CLS courses. Principles of managing a medical laboratory presented in an affiliated laboratory.

**CLS 437 Clinical Laboratory Seminar. (3) I, II.** Prerequisites: enrollment in upper division CLS program and completion of all 300-level CLS courses. Case studies, advanced procedures, and problem solving in the clinical laboratory.

**CLS 438 Hematology Practicum. (4) I, A.** Prerequisites: enrollment in upper division CLS program and completion of all 300-level CLS courses. Diagnostic blood parameters and morphology studies in an affiliated laboratory.

**CLS 439 Urinalysis Practicum. (1) I, A.** Prerequisites: enrollment in upper division CLS program and completion of all 300-level CLS courses. Diagnostic urine and body fluid procedures in an affiliated laboratory.

**CLS 440 Blood Bank Practicum. (2) II, A.** Prerequisites: enrollment in upper division CLS program and completion of all 300-level CLS courses. Practical blood banking in an affiliated laboratory.

**CLS 441 Immunology Practicum. (1) I, II, A.** Prerequisites: enrollment in upper division CLS program and completion of all 300-level CLS courses. Practical immunology in an affiliated laboratory.

**CLT—Clinical Laboratory Technology  
Worley Johnson, Interim Chair**

**CLT 201 Urinalysis. (1) I, II.** Prerequisite: admission to CLT program or departmental approval. 1 Lec/Lab.

**CLT 202 Hematology. (3) II.** Prerequisite: admission to CLT program. Morphology of blood cells, determination of blood parameters and disorders/diseases associated with blood cells; biochemistry, procedures and disorders/diseases in coagulation. 3 Lec/Lab.

**CLT 203 Clinical Chemistry. (3) I.** Prerequisite: admission to CLT program. Introduction to theory and lab procedures, measurement of constituents of body fluids, instrumentation, and clinical interpretation of results in relation to biochemistry of human systems. 3 Lec/Lab.

**CLT 204 Immunology/Blood Banking. (2) I.** Prerequisite: admission to CLT program or departmental approval. A study of the immune system, clinical serology, and blood banking and the lab techniques associated with each area. 4 Lec/Lab.

**CLT 205 Practicum I. (7) I, II.** Corequisite:

CLT 201, 202, 203, and 208. Administrative policies, hematology, serology, and blood banking in an affiliated hospital.

**CLT 206 Practicum II. (6) I, II.** Corequisite: CLT 205. Prerequisites: CLT 201, 202, 203, and 208. Clinical chemistry and microbiology in an affiliated hospital.

**CLT 207 Technical Correlations. (2) I, II.** Prerequisites: CLT 201, 202, and 203. Review of CLT subject areas with emphasis on clinical significance, and interpretation of lab requests. 2 Lec.

**CLT 208 Clinical Techniques. (1) I, II.** Prerequisite: admission to CLT program or departmental approval. Prerequisite or Corequisite: CHE 111/111L. Skills for clinical laboratory practitioners, including laboratory safety, phlebotomy, microscopy, pipetting, universal precautions, and principles of quality assurance.

**CLT 209 Medical Microbiology. (3) A.** Study of bacteria, fungi, viruses, and parasites as agents of human disease with emphasis on the pathogenesis, epidemiology, and diagnosis of infectious diseases. 3 Lec.

**CLT 211 Medical Microbiology Laboratory. (2) I, II.** Prerequisite or Corequisite: CLT 209. Laboratory methods in the diagnosis and management of infectious diseases. 4 Lab.

**CMS—Communication Studies  
Dr. Liz Hansen, Interim Chair**

**CMS 100 Introduction to Human Communication. (3) I, II.** An introduction to the study of human communication. Overview of major topics in contemporary theories of intrapersonal, interpersonal, small group, and public communication. Practice in the development of skills in each of these areas. Credit will not be awarded for both CMS 100 and CMS 301. Gen. Ed. IC [OC].

**CMS 200 Interpersonal Communication. (3) I, II.** A theoretical and skills based approach to building communication competence in personal relationship development, maintenance, and dissolution.

**CMS 205 Advocacy and Opposition. (3) I.** The study of the techniques and principles of formal argumentative discourse. Emphasis on developing, presenting, and defending and opposing positions on controversial questions. Credit will not be awarded for both CMS 205 and 205W.

**CMS 205W Advocacy and Opposition (3). I, II.** Prerequisites: ENG 102, or ENG 105(B), or HON 102. The study of the techniques and principles of formal argumentative discourse. Emphasis on developing, presenting, defending, and opposing positions on controversial questions through intensive writing and oral communication. Credit will not be awarded for both CMS 205W and CMS 205.

**CMS 210 Public Speaking. (3) I, II.** Principles of and practice in the art of public speaking. Study of the invention, organization, style, delivery, and audience adaptation of informative, persuasive, and commemorative speeches. Gen. Ed. IC [OC].

**CMS 250 Interviewing. (3) I.** Analysis and application of the communication skills necessary for becoming an effective interviewer and interviewee in organizational contexts. Learn and apply various interviewing techniques: informative, employment and persuasive interviews.

**CMS 300 Business and Professional Speaking. (3) I, II.** As an advanced speaking course, students will organize and deliver business presentations, learn and practice professional electronic/telephonic communication protocols, and conduct business meetings.

**CMS 305 Research Design in Communication Studies (3) I, II.** An introduction to the techniques of experimental, survey, textual and ethnography research designs as each pertains to the study of human communication.

**CMS 310 Small Group Communication. (3) I.** Introduction to theories of small group

communication. Exposure to various types of groups with special emphasis on the role of communication in the development of group norms, roles, leadership styles, problem-solving techniques and decision-making techniques.

**CMS 315 Communication Studies Practicum. (1-3) I, II.** Prerequisite: instructor approval. Supervised practical experience in organizational, human service, or dispute resolution communication contexts. May be retaken for a maximum of three hours.

**CMS 320 Persuasion. (3) II.** Study of contemporary research and theories of persuasion and social influence. Theoretical analysis of campaign strategies, citizen advocacy, and selected social movements. Practice in the design, analysis, and implementation of persuasive messages.

**CMS 325 Communication in Conflict Management. (3) A.** A study of the communication components that contribute to the initiation, perpetuation, and resolution of conflict. Emphasis on building appropriate communication skills for productive conflict management.

**CMS 330 Communication & The Job Search. (1) I.** Empowering the student for future employment by applying communication skills and career development methods in the job search process.

**CMS 349 Applied Learning in Communication Studies. (1-8) A.** Prerequisite: departmental approval. Work in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate; sixteen, baccalaureate. A minimum of 80 hours employment required for each semester hour credit.

**CMS 349 A-N Cooperative Study: Communication Studies. (1-8) A.** Prerequisite: departmental approval. Work in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate; sixteen, baccalaureate. A minimum of 80 hours employment required for each semester hour credit.

**CMS 350 Organizational Communication. (3) I.** Prerequisite: CMS 250. Survey of theoretical and empirical literature dealing with communication behavior as it occurs within the context of organizations. Students examine communicative behaviors through case study and field observation. Topics include communication networks, climate, and satisfaction.

**CMS 353 Health Communication. (3) A.** A survey of recent development in the field of health communication. Emphasis is on the role of communication in the development of health promotion/prevention campaigns, patient provider interactions, and multicultural health settings.

**CMS 375 Intercultural Communication. (3) A.** A study of the communication process across cultures with emphasis on intercultural perceptions, values, and language problems as well as nonverbal expression in personal and professional settings.

**CMS 400 Communication and Gender (3) A.** Focuses on relationships between communication and gender, race, and social class. Examines ways in which gender roles are created and recreated in society and in our personal and professional relationships.

**CMS 410 Human Communication Theory. (3) A.** A general overview of the theoretical approaches informing research or communication. The goals of the class include developing and understanding of the role of theory in the research process and the ability to critique theories.

**CMS 415 Communication in the Legal Process. (3) A.** Through the analysis of discourse in videotaped trials, students learn how communication shapes and recreates reality in the courtroom, and how discourse styles affect perceptions of witness credibility and believability.

**CMS 420 Negotiation. (3) A.** This course combines communication theory and practice in resolving conflicts using the negotiation process. Extensive role-playing activities will be utilized to develop these skills.

**CMS 450 Mediation. (3) A.** Prerequisites: CMS 200, 205, 210, 250, and senior standing. The study of mediation as an alternative dispute resolution technique. Involves the analysis and practice of communication skills applicable to the mediation process. Extensive mediation role-plays are an integral part of the course.

**CMS 470 Communication Audits. (3) A.** Prerequisite: Minimum of 90 hours, CMS 305, and CMS 350. Principles and practice of communication audits. Students will design, conduct and interpret a communication audit for an organization.

**CMS 475 Senior Project. (3) A.** Prerequisites: 90 hours completed, CMS 305. A synthesis experience where students write a senior thesis.

**CMS 485S Communication Training and Development. (3) I, II.** Prerequisite: CMS 300 and 24 hours completed in CMS. An introduction to the field of communication training and development for corporate, industrial, institutional, medical or educational settings. Students will practice training techniques in on-site situations. Credit will not be awarded to students who have credit for CMS 406 or 485.

**CMS 490 Special Topics in Communication. (1-3) A.** Presentation of course material of a timely, specialized, or topical nature. Specific course orientation will appear beside title. May be retaken to a maximum of nine hours if subject matter is different each time.

**CMS 495 Communication, Leadership and Change (3) I, II.** Prerequisite: senior standing plus 24 hours completed within CMS. Study of relationships between communication and leadership skills and organizational/societal change. Focus on leadership roles, theories, and qualities. Additional emphasis on career exploration and leadership. Credit will not be awarded for both CMS 495 and CMS 490 Special Topics in Leadership.

**CMS 499 Independent Study in Communication Studies. (1-6) I, II.** Individual research and reading on a specified speech communication subject. Regular consultation and final paper or performance required. Students must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment. May be retaken to a maximum of six hours.

**CNM—Arts and Sciences Interdisciplinary  
Dr. John Wade, Dean**

**CNM 101 Cosmos and Evolution I: An Exploration of Nature. (3) I, II.** This science course integrates the biological and physical sciences by exploring centrally significant ideas that attempt to explain major events that have transformed the universe, the earth, and life on earth. 2 Lec/2 Lab.

**CNM 102 Cosmos and Evolution II: An Exploration of Nature. (3) I, II.** This science course integrates the biological and physical sciences by exploring centrally significant ideas that attempt to explain major events that have transformed the universe, the earth, and life on earth. 2 Lec/2 Lab.

**CNM 499 Independent Work. (3-6) A.** Prerequisite: cumulative GPA 2.5 up to last semester of program in B.I.S. degree. Independent research and/or field work required for the program of B.I.S. degree. Student must have the independent study proposal form approved by the student's B.I.S. Advisory Committee.

**CNM 599 Ecology and the Environment for Teachers. (3) A.** Prerequisite: BIO 102 or CHE 100 or GLY 102 or PHY 102 or departmental approval. Introduces pre-service teachers to ecology and the environment through an interdisciplinary approach beginning with the physical environment, progressing to the whole ecosystems, and onto analyses of environmental issues. Classroom teaching strategies will be modeled.

**COM—Communication  
Dr. Liz Hansen, Interim Chair**

**COM 200 Mass Media and Society. (3) I, II.** Introduction to mass media issues. Analyzes mass media impact on social, political and economic sectors of American and world societies. Considers issues and trends, including ethics, legal controls, violence and censorship. Gen. Ed. Block VII (SBS). Credit will not be awarded for both COM 200 and 200W.

**COM 200W Mass Media and Society. (3) I, II.** Prerequisites: ENG 102, or ENG 105(B), or HON 102. Introduction to Mass Media Issues. Analyzes mass media impact on social, political and economic sectors of American & World Societies. Considers issues/trends, including ethics, legal controls, violence & censorship. Gen. Ed. Block VII (SBS). Credit will not be awarded for both COM 200W and COM 200.

**COM 201 Writing and Reporting News I. (3) I, II.** Prerequisites: ENG (101 and 102) or 105 or HON 102. Study of the elements of news for print and electronic media; style, structure, sources, interviewing, story types, libel and ethics. Practice in gathering, writing and evaluating news.

**COM 290 Topics in Communications: \_\_\_\_\_.** (1-3) A. Prerequisite: department approval. Special topics beyond the scope of regularly offered courses. May be retaken to a maximum of nine hours provided the subject matter differs each time. Specific topics included in the schedule.

**COM 300 International Media. (3) I, II.** Development and operations of world mass communication channels and agencies. Comparative analysis of media, media practices, and flow of news and entertainment throughout the world. Print, public affairs, radio, and television systems will be studied in terms of relevant social, political, economic, geographic, and cultural factors.

**COM 301 Writing and Reporting News II. (3) I, II.** Prerequisite: COM 201. Advanced study of news for print and broadcast media. Includes source development, deadline reporting, visual reporting, electronic news sources, in-depth reporting. Introduction to court and government reporting.

**COM 320 Desktop Video. (1) I, II.** Study of skills and techniques allowing effective communication in the electronic media using desktop video tools. Examination of desktop video from an aesthetic perspective including television, film, art, multimedia, web video, digital still video.

**COM 325 Advertising Copy and Production. (3) I, II.** Prerequisites: ENG 102 or ENG 105. Introduction to copywriting and production for electronic, print and other advertising media. Emphasis on advertising strategy, motivation, appeals, visualization and layout. Applies research and communication theory to creation of advertising.

**COM 330 Sportswriting and Reporting. (3) I, II.** Writing and producing of game, feature and interview stories for print and broadcast. Will include play by play, sports commentary and analysis.

**COM 345 Literature and Film. (3) A.** Cross listed as ENG 345. Prerequisites: ENG 101 and 102 (or 105). Examination of the relationships between film and literature through a comparative study of the stylistic and technical elements of the two media. Credit will not be awarded for both COM 345 and ENG 345.

**COM 349 Applied Learning in Multi-Media Studies. (1-8) A.** Prerequisites: junior standing, "B" average in all courses within the department, and departmental approval. Work under faculty and field supervisor in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate; sixteen baccalaureate. A minimum of 80 hours work required for each academic credit. May not satisfy major or minor requirements within the department.

**COM 349 A-N Cooperative Study: Multi-Media Studies. (1-8) A.** Prerequisites: junior standing, "B" average in all courses within the

department, and departmental approval. Work under faculty and field supervisor in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate; sixteen baccalaureate. A minimum of 80 hours work required for each academic credit. May not satisfy major or minor requirements within the department.

**COM 390 Fund raising. (3) I, II.** An overview of fund raising, including planning, organization, management, marketing, and the common sense needed to raise money from private sources.

**COM 400 Studies in Communications: \_\_\_\_\_.** (1-3) A. Prerequisite: will vary with course offering. Study of specific areas of communications through workshops, short courses, institutes, or through the presentation of a specific course which examines timely, topical, or specialized concerns in the field. Specific topic included in schedule. May be retaken to a maximum of nine hours.

**COM 405 Media Law. (3) A.** Prerequisite: COM 200 or 200W or department approval. Examination of legal philosophies relating to the media, including press freedom, copyright, libel, slander, privacy, free press/fair trial, and regulation. Emphasizes the legal rights and responsibilities of the media.

**COM 415 Media Ethics. (3) A.** Prerequisite: COM 200 or 200W or department approval. Examination of ethical standards and practices of the mass media. Includes development of ethical decision-making skills.

**COM 420 Mass Communications Research. (3) I, II.** Introduction to the research process, research approaches, basic statistics, and applied research in the field of mass communications.

**COM 425 Media Planning and Buying. (3) I, II.** An introduction to the process of media planning and buying. Emphasis on basic measurements and calculations, reach and frequency, strategy, evaluation, and budgeting.

**COM 430 Legislative Reporting. (3) A.** Prerequisite: COM 201 or department approval. Reporting on the state legislature for print and broadcast media. Counts as JOU/BEM elective.

**COM 445 Broadcast and Cable Promotion. (3) I, II.** Study of broadcast and/or cable promotion in the areas of writing, production, marketing, and public relations. Includes exercises in promotions.

**COM 471 Media Sales. (3) A.** Problems and practices of both print and electronic media sales. Includes case studies in both print and broadcast sales development (local, regional, and national), pricing, production, promotion, and basic sales campaigns.

**COM 490 Media Campaigns. (3) A.** Prerequisites: COM 325 or 425. Design and execution of a complete advertising/media campaign based on an actual case study. Includes primary research, media planning, creative design/execution, and evaluation. Students produce professional quality advertising materials for national competition. Credit will not be awarded for both COM 490 and MKT 426.

**COM 495-496-497-498-499 Special Problems in Communications. (1-3 for 495, 496, 497, 498; 1-4 for 499 only) A.** Prerequisite: students must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment. Six hours maximum credit through any combination of 495, 496, 497, 498, 499. Credit may not count toward a major or minor within the department.

**COM 495 Public Relations. (1-3) A.** Topic selection and supervisor approval required before enrollment. May be retaken to a maximum of three hours.

**COM 496 Film. (1-3) A.** Topic selection and supervisor approval required before enrollment. May be retaken to a maximum of three hours.

**COM 497 Journalism. (1-3) A.** Topic selection and supervisor approval required before enrollment. May be retaken to a maximum of three hours.

**COM 498 Audio. (1-3) A.** Topic selection and

supervisor approval required before enrollment. May be retaken to a maximum of three hours.

**COM 499 Video. (1-4) A.** Topic selection and supervisor approval required before enrollment. May be retaken to a maximum of three hours.

**COM 550 Readings in Mass Communications. (3) A.** Prerequisites: instructor approval and senior standing. Critical reading of selected books and magazines relating directly or indirectly to mass communications. Features reviews and seminar discussions of readings chosen to reflect individual student's interests.

#### COR—Construction Management Mr. Wayne Reynolds, Coordinator

**CON 121 Introduction to Construction. (3) I, II.** A survey of the construction industry. Nature, scope, and general characteristics of the industry with an emphasis on careers, safety, and typical contracting methods.

**CON 201 Materials and Methods of Construction I. (3) I, II.** Composition, manufacture and grades of construction materials and building products with emphasis on wood, metal, glass, roofing, finishing, and plastic materials. Methods, including safety, involved in the placement and installation of these materials.

**CON 202 Materials and Methods of Construction II. (3) I, II.** Composition, manufacture, and grades of construction materials and building products with an emphasis on concrete and masonry. Methods, including safety, involved in the placement and installation of these materials. Students sit for concrete technician certification tests. 2 Lec/2 Lab.

**CON 221 Plane Surveying. (3) I.** Prerequisite: MAT 108. Principles of surveying, including the measurement of distances, elevations, and angles. Calculations for the various operations, including traverse computations. Introduction to the use of surveying instruments and note keeping. 2 Lec/2 Lab.

**CON 250 Structural Systems and Materials I. (3) I.** Prerequisite: DES 122. Emphasis on building systems and materials for residential structures. An understanding of the properties of structural materials and their appropriate applications. Laws, codes, and standards will be addressed along with instruction in blueprint reading.

**CON 294 Construction Graphics. (3) A.** Basic principles of residential and small commercial planning; styles of architecture; a comparative study of structural systems and the preparation of working drawings. 2 Lec/2 Lab.

**CON 303 Statics and Strength of Materials. (3) A.** Prerequisites: MAT 108 and PHY 131. Study of loads, forces and their effects on rigid bodies and structures at rest. Computation of equilibrium reactions, internal forces, shear, moments, couples, friction, stress, strain, and deformation. Finding centroids and moments of inertia.

**CON 307 Soils and Foundations. (3) II.** Prerequisite: CON 303. A study of soil mechanics as it relates to foundation construction. Topics include soil classification, engineering properties, compaction testing, types of foundation systems, and methods of foundation construction.

**CON 320 Construction Surveying. (3) II.** Prerequisite: CON 221. The application of surveying skills as they relate to horizontal and vertical control on construction projects. Activities include building layout, centerline staking, earthwork computations, and slope staking. The use of electronic instruments is emphasized. 2 Lec/2 Lab.

**CON 322 Construction Structural Design. (3) I.** Prerequisites: CON 303 and MAT 261. A study of the design of beams and columns using steel and wood. Principles of structural design related to the design of temporary structures used in the construction process.

**CON 323 Estimating I. (3) I.** Prerequisites:

CON 201, 202, MAT 108, and TEC 161. A study of the materials and labor required in the construction of residential and light commercial projects. Experience is gained in reading plans, calculating work quantities, and listing work items in a standardized format. 2 Lec/2 Lab.

**CON 324 Mechanical/Electrical Systems. (3) II.** Prerequisites: CON 201 and 21 additional hours of CON courses. A study of plumbing, heating, air-conditioning, electrical power distribution, and lighting for residential and commercial buildings. Heat loss and heat gain calculations. Basic fundamentals of water supply, waste drainage, and electrical circuits.

**CON 349 Applied Learning in Construction Management. (1-8) A.** Prerequisites: 30 hours of credit including 9 credit hours of CON courses with a 2.0 GPA and departmental approval. Transfer students must have completed at least one semester of full-time work at ECU. Work under faculty and field supervisors in placements related to construction management.

**CON 349 A-N Cooperative Study: Construction Management. (1-8) A.** Prerequisites: 30 hours of credit including 9 credit hours of CON courses with a 2.0 GPA and departmental approval. Transfer students must have completed at least one semester of full-time work at ECU. Work under faculty and field supervisors in placements related to construction management.

**CON 368 Seminar in Construction. (1-4) A.** Presentation of construction management topics of a timely or specialized nature in a seminar format. May be retaken provided the topics are different.

**CON 401 Special Problems in Construction Management. (1-3) A.** An independent study course for exceptional upper division undergraduate students. A study proposal will be developed by the student and approved by the faculty supervisor and department chair prior to enrollment. May be retaken provided the topic of study is different.

**CON 420 Engineering Economy. (3) I.** Junior Class Restriction. A systematic application of engineering economy to design, selection of construction materials, and construction methods. A study of first costs, operating and maintenance costs, service life, and replacement costs. Value engineering incentives are studied.

**CON 421 Construction Contracts. (3) I.** Prerequisite: CON 323. Contract documents, drawings, and specifications and their impact on the construction process. A study of the types and organization of construction contracts, and the roles and responsibilities of the parties involved.

**CON 423 Estimating II. (3) II.** Prerequisite: CON 323. Construction projects of moderate complexity are divided into work packages, followed by calculation of work quantities. Standard cost books are utilized to develop prices for labor, materials, subcontracts, equipment, and overhead. Emphasis is placed on the use of spreadsheets and estimating software. 2 Lec/2 Lab.

**CON 425 Project Organization and Supervision. (3) II.** Prerequisites: MGT 300 or MGT 301 or INT 408 and CON 421. A study of principles of construction project administration, systems for efficient operation of office and field personnel, and dispute avoidance and resolution procedures. The construction process is followed from project inception to closeout.

**CON 426 Scheduling. (3) II.** Prerequisites: ACC 201 and CON 323. A study of the planning and control of construction activities and costs. Topics include critical path method scheduling, progress monitoring, cost control and cash flow.

#### COR—Correctional and Juvenile Justice Studies Dr. Victor E. Kappeler, Chair

**COR 106 Workshop: \_\_\_\_\_.** (1-6) A. The workshop is designed primarily for in-service personnel and will focus on current problems, issues

and strategies in providing effective services. May be retaken for a maximum of six hours provided the subject matter differs.

**COR 201 Introduction to Corrections and Juvenile Justice. (3) A.** An introduction to the concepts, history, processes, and issues in corrections and juvenile justice within the social and legal contexts that these systems function.

**COR 300W Careers and Competencies in Corrections and Juvenile Justice (3) A.** Prerequisites: COR 201 and COR Major or department approval. An intensive writing course that focuses on building critical thinking and communication competencies through an exploration of career options and career-related issues in corrections and juvenile justice. Credit will not be awarded for both COR 300W and 300.

**COR 301 Institutional Corrections. (3) A.** Prerequisites: COR 201 and 300 or departmental approval. Surveys history and current status of jails and various types of adult prisons with emphasis on punishment rationales, institutional programs and procedures, inmates' social structures, correctional officers, and contemporary issues.

**COR 310 Foundations of Correctional and Juvenile Justice Practice. (3) A.** Prerequisite: COR 201 and 300 or departmental approval. Provides a basis for informed responses to delinquency and crime. Examines the conceptual foundations of correctional and juvenile justice practice from a multidisciplinary standpoint and implications for the effectiveness of these practices.

**COR 311 The Juvenile Justice System. (3) A.** Examines the nature and extent of delinquency in the United States and the system response to juvenile crime. Particular attention is given to how police, courts, and correctional agencies respond to juvenile offenders, and the effectiveness of these responses.

**COR 315 Legal and Ethical Issues in Adult Corrections. (3) A.** Prerequisites: COR 201 and 300 or departmental approval. An overview of legal issues and court decisions related to adult corrections. An analysis of the various ethical issues surrounding adult correctional contexts and practices.

**COR 316 Legal and Ethical Issues in Juvenile Justice. (3) A.** Prerequisites: COR 201 and 300 or departmental approval. An overview of legal issues and court decisions related to juvenile justice. An analysis of the various ethical issues surrounding juvenile justice contexts and practices.

**COR 320 Professional Development Seminar: \_\_\_\_\_ (3) A.** Prerequisite: departmental approval. This course focuses on current problems, issues and strategies related to providing effective services to adult and/or juvenile offenders. May be retaken for a maximum of twelve hours provided subject matter differs.

**COR 321 Juvenile Corrections. (3) A.** Prerequisites: COR 201, 300, and 311 or departmental approval. Examines the extent to which juvenile correctional interventions are used. Provides an in-depth analysis of various correctional responses to juvenile offenders including diversion, community-based, and residential programs.

**COR 330 Community Corrections. (3) A.** Prerequisites: COR 201 and 300 or departmental approval. Surveys history and current status of community correctional programs, including diversion, probation, parole, and other community programs for adult offenders, with emphasis on programmatic philosophies, operations, effectiveness, and other related issues.

**COR 340 Correctional and Juvenile Justice Administration. (3) A.** Prerequisites: COR 201 and 300 or departmental approval. Application of management concepts to corrections with emphasis on organizational structure, planning, decision making, and directing.

**COR 349 Applied Learning in Corrections and Juvenile Justice. (1-6) A.** Prerequisites: 30 hours of college coursework and departmental approval. Work under faculty and field supervisors, in

placements related to academic studies. Total hours: six, baccalaureate. A minimum of 80 hours work experience is required for each academic credit.

**COR 349 A-N Cooperative Study: Corrections and Juvenile Justice. (1-6) A.** Prerequisites: 30 hours of college coursework and departmental approval. Work under faculty and field supervisors, in placements related to academic studies. Total hours: six, baccalaureate. A minimum of 80 hours work experience is required for each academic credit.

**COR 350 Rehabilitation Strategies for Adult and Juvenile Offenders. (3) A.** Prerequisites: COR 201 and 300 or departmental approval. An in-depth examination of the treatment role of the correctional worker in juvenile and adult settings. Includes an historical and theoretical review with particular emphasis on contemporary approaches to treatment. Both institutional and community-based efforts are discussed.

**COR 375 Applied Skills Practicum. (1-6) A.** Prerequisites: Departmental approval. Designed primarily for in-service personnel and others where COR 349 is inappropriate, this course provides the student with opportunity to integrate academic knowledge with a field experience.

**COR 388 Criminal Justice Research. (3) A.** Overview of the research process, with emphasis on finding, using, and evaluating criminal justice research. Examination of both quantitative and qualitative social science research methods and procedures appropriate to the study of crime policy and criminal justice.

**COR 400 Applied Criminal Justice Analysis. (3) A.** Prerequisite: COR/CRJ 388 or departmental approval. Analytical and statistical concepts and procedures relevant to crime and criminal justice data. Includes quantitative and qualitative techniques. Credit will not be awarded to students who have credit for CRJ 400 or ECO 220 or HEA 450 or PSY 309 or QMB 200 or STA 215 or STA 270.

**COR 423 Topical Seminar: \_\_\_\_\_ (1-3) A.** Prerequisites: COR 201 and 300 or departmental approval. Intensive study of selected topics related to corrections and juvenile justice. May be retaken to a maximum of twelve hours on different topics.

**COR 450S Service Learning in Corrections: \_\_\_\_\_ (3) A.** Prerequisites: Departmental approval. Intensive study of selected topics on corrections and juvenile justice. Students will engage in an experiential, or service, activity related to the topic. May be retaken for a maximum of six hours on different topics.

**COR 460 Independent Study. (1-6) A.** Prerequisites: Departmental approval. Individual study and/or research on a problem pertaining to corrections and/or juvenile justice. Student must have the independent study proposal form approved by the faculty supervisor and department chair prior to enrollment.

**COR 470 Delinquency and Crime Prevention. (3) A.** Prerequisites: COR 201 and 300 or departmental approval. Explores various strategies for prevention of adult and juvenile crime with particular attention to the theoretical and empirical bases for these approaches. Students will develop a crime prevention plan.

**COR 475 Applied Research Practicum. (3) A.** Prerequisite: departmental approval. Policy-relevant research designed to broaden program evaluation experience through assignments in evaluation planning, research design, data interpretation/analysis, and translation of findings to policy. Activities conducted in classroom, computer laboratory, and in the field. May be retaken for 6 hours in program.

**CRJ—Criminal Justice**  
**Dr. Victor E. Kappeler, Chair**

**CRJ 101 Introduction to Criminal Justice. (3) A.** A general overview of the criminal justice

system including a description of the major agencies: police, prosecution, courts, and corrections, and an analysis of their interdependence in the criminal justice process.

**CRJ 301 Drugs, Crime and Society. (3) A.** Prerequisites: CRJ 101 with a grade of "C" or better, sophomore standing or departmental approval. An examination of drug trafficking, the connection between drug use and other types of crime, and a review of drug control policies, including the impact of the media and politics.

**CRJ 305 Domestic Violence. (3) A.** Cross listed as WGS 305. Prerequisites: CRJ 101 with a grade of "C" or better, sophomore standing, or departmental approval. Examination of the theoretical and empirical literature on violence against women, children, and elders. Addresses such issues as physical and sexual abuse of children, courtship violence, domestic violence, marital rape, and elder abuse. Credit will not be awarded for both CRJ 305 and WGS 305.

**CRJ 312 Judicial Processes. (3) A.** Prerequisites: CRJ 101 with a grade of "C" or better, sophomore standing, or departmental approval. An in-depth study of law-making and the American judicial process. Includes a systematic and comprehensive analysis of American courts, their pivotal role in the criminal justice system, and the function and responsibilities of the key personnel within them.

**CRJ 313 Criminal Justice Ethics. (3) A.** Prerequisites: CRJ 101 with a grade of "C" or better, sophomore standing, or departmental approval. Examines the moral, legal and normative obligations of the state and criminal justice professionals. Surveys the philosophies and theories of ethics and deviance. Credit will not be awarded for both CRJ 313 and 313S.

**CRJ 313S Criminal Justice Ethics. (3) A.** Prerequisites: CRJ 101 with a grade of "C" or better, sophomore standing, or departmental approval. Examines the moral, legal and normative obligations of the state and criminal justice professionals. Surveys the philosophies and theories of ethics and deviance enhanced with a service-learning component. Credit will not be awarded for both CRJ 313 and 313S.

**CRJ 315 Administration of Justice. (3) A.** Prerequisites: CRJ 101 with a grade of "C" or better, sophomore standing, or departmental approval. Examines theories of organization and management as they relate to criminal justice practice. Organizational life, leadership personnel management, bureaucracy, resource management, and other critical administration issues are addressed.

**CRJ 325 White Collar Crime. (3) A.** Prerequisites: CRJ 101 with a grade of "C" or better, sophomore standing, or departmental approval. A review and analysis of the upper world crimes of business and government committed in the course of legitimate occupations and financial activities.

**CRJ 331 Perspectives on Crime and Delinquency. (3) A.** Prerequisites: CRJ 101 with a grade of "C" or better, sophomore standing, or departmental approval. Overview of crime and its control. Examines law making, law breaking, and the social response from theoretical perspectives including social, economic, cultural, symbolic, psychological and biological. Includes historical and contemporary developments.

**CRJ 345 Diversity and Criminal Justice. (3) A.** Cross listed as AFA 346 and WGS 345. Prerequisites: sophomore standing or departmental approval. Contemporary race, gender, and other diversity issues that affect offenders, victims, society, and the criminal justice system. Includes domestic and international human rights and social justice issues of protection and human development. (This course provides credit in Women and Gender Studies and in the African/African-American Program.) Credit will not be awarded to students who have credit for AFA 346 or WGS 345.

**CRJ 350 International and Comparative Criminal Justice Systems. (3) A.** Prerequisites: CRJ



101 with a grade of "C" or better, sophomore standing, or departmental approval. A survey of selected world criminal justice systems including police, courts, and corrections. Cross-national and cross-cultural criminality from several perspectives will be examined.

**CRJ 355 Rural Crime and Justice. (3) A.** Prerequisite: sophomore standing. Survey of rural crime and justice issues, crime trends, policing and control of rural crime.

**CRJ 388 Criminal Justice Research. (3) A.** Prerequisites: CRJ 101 or COR 201 with a grade of "C" or better, sophomore standing, or departmental approval. Overview of the research process, with emphasis on finding, using, and evaluating criminal justice research. Examination of both quantitative and qualitative social science research methods and procedures appropriate to the study of crime policy and criminal justice. Credit will not be awarded to students who have credit for COR 388 or CRJ 388W.

**CRJ 388W Criminal Justice Research (3) A.** Pre-requisite: ENG 102, or ENG 105, or HON 102 and CRJ 101 or COR 201 with a grade of C or better, sophomore standing, or departmental approval. Overview of the research process, with emphasis on finding, using and evaluating criminal justice research. Examination of both quantitative and qualitative social science research methods and procedures appropriate to the study of crime policy and criminal justice. Credit will not be awarded to students who have credit for COR 388 or CRJ 388.

**CRJ 400 Applied Criminal Justice Analysis. (3) A.** Prerequisites: CRJ 388 or equivalent with a grade of "C" or better, sophomore standing, or departmental approval. Analytical and statistical concepts and procedures relevant to crime and criminal justice data. Includes quantitative and qualitative techniques.

**CRJ 401 Organized Crime. (3) A.** Prerequisites: CRJ 101 with a grade of "C" or better, sophomore standing, or departmental approval. History, scope, and methods of control of organized crime. Emphasis on local, regional, national and international control of organized crime. Cultural and social implications of the presence of organized crime are examined in depth.

**CRJ 403 Crime Mapping. (3) A.** Prerequisite: sophomore standing. The purpose of this class is to introduce the student to theoretical and practical aspects of crime mapping and the spatial analysis of crime. In addition the lab portion of the class will provide hands-on training in crime mapping practices. 3 Lec/2 Lab.

**CRJ 406 Critical Issues in Criminal Justice. (3) I, II.** Prerequisites: CRJ 101 with a grade of "C" or better, sophomore standing, or departmental approval. Examination of the criminal justice system and process with an emphasis on problems and trends. This course provides an analytical overview of justice and its response to the needs of society. May be retaken for a maximum of six hours on different topics.

**CRJ 410 Alcohol and the Law. (3) A.** Prerequisite: sophomore standing. This course is an overview of the history of alcohol and prohibition in the U.S. Subtopics include: the American temperance tradition, moderation vs. prohibition, government enforced morals, and the interconnection among religion, politics and the law.

**CRJ 415 Prostitution and Criminal Justice. (3) A.** Prerequisite: sophomore standing. This course is an analytic overview of the history of prostitution in the United States. Subtopics that will be included are: the American reform tradition, deviance, social control, regulation vs. prohibition, feminism, and politics.

**CRJ 423 Topical Seminar: \_\_\_\_\_, (3) A.** Prerequisites: departmental approval, sophomore standing. Intensive study of selected topics related to criminal justice. May be retaken for a maximum of six hours on different topics.

**CRJ 424 Field Experience. (3) A.** Prerequisites: instructor and departmental approval, sophomore standing. Designed to broaden the

educational experience through appropriate observational work assignments. (Intended for pre-service students in non-sworn positions.) May be retaken 1 time for 6 total credit hours.

**CRJ 460 Independent Study. (1-3) A.** Prerequisites: departmental approval, sophomore standing. Individual study and/or research on a problem pertaining to criminal justice. Student must have the independent study proposal form approved by faculty supervisor and departmental chair prior to enrollment. May be retaken for a maximum of six hours.

**CRJ 490 Senior Seminar. (3) A.** Prerequisites: senior standing and completion of CRJ 331, CRJ 388 and at least 21 hours of CRJ coursework or departmental approval. Capstone course consisting of development and production of a senior level research paper grounded in relevant criminal justice literature. Emphasis on integration of knowledge acquired in previous courses.

#### CSC—Computer Science Dr. Ka-Wing Wong, Chair

**CSC 104 Computer Literacy with Software Applications. (3) I, II.** A non-technical survey of computer history, hardware, and software. Implications of the use and misuse of computers. The effect of computers on society. Software applications such as word processors, spread sheets, databases, and graphics. Credit will not be awarded for both CSC 104 and CIS 212. 3 Lec (1 Lab when taught in large lecture sections.) Gen. Ed. VII (QS).

**CSC 105 Software Applications Topics: \_\_\_\_\_, (1-3) A.** Selected topics in software applications. Topics vary with offering. May be retaken with advisor approval to a maximum of nine hours provided the topics are different.

**CSC 110 Introduction to the Internet. (1) I, II.** Introduction to the Internet and the Internet processing tools. The course emphasizes the use of the World Wide Web as an information broadcasting and retrieval tool.

**CSC 120 Introduction to Multimedia. (3) I, II.** Introduction to multimedia technology and computerized visual communication. Topics include video editing, media file processing, video streaming, computer graphics, computer animation, and multimedia presentation.

**CSC 123 Exploring Virtual Worlds. (3) A.** Exploration of the technologies used in virtual environments and their effects on society. Review of technology driving virtual environments with historical context. Emerging technology. Social/economic consequences. Possible future outcomes through new technologies and science fiction. GenEd VIII Option 3.

**CSC 140 Introduction to Computer Game Design. (3) I, II.** Introduction to computer game design, frame based animation, sound effects, program logic, game scripting, and object oriented programming.

**CSC 160 Introduction to Programming: (3) A.** Prerequisite: completion of all mathematics developmental requirements. Introduction to problem solving with computers and the Internet using an appropriate programming language. Basic concepts include data types, objects, control structures, functions, and input/output features. Gen. Ed. VII (QS).

**CSC 174 Introduction to FORTRAN. (3) I, II.** Prerequisite: completion of all mathematics developmental requirements. Introductory programming in FORTRAN, input/output, decision, loops, arrays, subroutines, functions, files. Gen. Ed. VII (QS).

**CSC 177 Introduction to Visual Basic. (3) I, II.** Prerequisite: completion of all mathematics developmental requirements. Introduction to programming in the event driven/graphical programming language Visual Basic. Topics

include forms, common controls/objects, coding, procedures, file management and developing Windows applications. Gen. Ed. VII (QS).

**CSC 178 Programming in \_\_\_\_\_. (1-3) A.** Prerequisite: completion of all mathematics developmental requirements. Programming in selected languages, with appropriate applications. May be retaken to a maximum of six hours, provided the languages are different.

**CSC 185 Intro to Computer Concepts. (3) I, II.** Prerequisite: Completion of all developmental mathematics requirements. Fundamental concepts and skills needed to design computer programs using class diagrams, flowcharts, pseudo-code, and general purpose programming tools; analysis of target problems; object-oriented design; algorithm design and verification prior to implementation.

**CSC 190 Object-Oriented Programming I. (3) I, II.** Prerequisite: a minimum of 23 on the mathematics portion of the ACT or a minimum of 550 on the mathematics portion of the SAT or a minimum grade of "C" in CSC 160, 174, 177, 185, or MAT 107. Introduction to problem solving with computers using an object-oriented programming language. Concepts include data types, input/output, classes, control structures, and arrays. 2 Lec/2 Lab. Gen. Ed. VII (QS).

**CSC 191 Object-Oriented Programming II. (3) I, II.** Prerequisite: a minimum grade of "C" in CSC 190. Object-oriented programming, recursion, arrays, inheritance, file input/output, exception handling, multi-thread programming, GUI, object-oriented analysis and design. 2 Lec/2 Lab.

**CSC 195 Intro to Discrete Structures. (3) I, II.** Prerequisites: A minimum grade of "C" in CSC 190; a minimum grade of "C" in MAT 107 or equivalent. Topics to be covered include sets, relations, functions; logic; algorithm design/analysis, recursive algorithms, recurrence relations, mathematical induction, counting, probability.

**CSC 200 Introduction to Computer Organization. (3) I, II.** Prerequisite: CSC 191 with a minimum grade of "C-." Computer structure, assembly language, instruction execution, addressing, data representation, macro definition and generation, utility programs, programming techniques.

**CSC 250 Intro to Interactive Games/App. (3) A.** Prerequisite: CSC 190 with a minimum grade "C-." Introduction to multimedia programming and scripting. Topics include frame-based animation, video editing, sound effects, program logic, and object-oriented programming. Credit will not be awarded for both CSC 250 and 140.

**CSC 300 Introduction to Numerical Methods. (3) A.** Prerequisites: MAT 224 or 224H; an approved programming language. Error analysis, nonlinear equations, interpolation, numerical differentiation and integration, ordinary differential equations, direct and interactive methods of solving linear systems, approximation.

**CSC 301 Current Topics for Non-Majors: \_\_\_\_\_, (3) A.** Prerequisite: CSC 104 or equivalent. Introduction to contemporary topics in computer science for non-majors. May be retaken to a maximum of six hours provided the topics are different. May not be used to satisfy Computer Science major or minor requirements.

**CSC 302 Introduction to System Environments. (3) I, II.** Prerequisite: CSC 191 with a minimum of grade of "C-." Introduction to computer system environments, utilities, system programming, system administration, networking and operating systems.

**CSC 303 3-D Modeling and Simulation. (3) A.** Introduction to 3-D modeling and computer simulation. Topics include nurb and polygon modeling, bone structures, frames, scenes, lights, textures, sound, dialogs, and simulation control.

**CSC 304 3-D Animation. (3) A.** Introduction to 3-D animation and programming. Topics include coordinate system, vertices, lines, polygons, geometric objects, 3D models, motion control, and interaction

design.

**CSC 306 Ethics for the Computer Professional. (3) A.** Prerequisite: CSC 191 with a minimum grade of "C-." Responsibilities of the computing professional, social implications of computing, privacy, crime and abuse, risk and liabilities, copyright, and patents.

**CSC 307 Cyberspace Security and Ethics. (3) A.** A non-technical survey of computing, including computers' effect on society, computer crime, viruses and other threats, and self protection in an online environment. Gen.Ed. VIII

**CSC 310 Data Structures. (3) I, II.** Prerequisites: CSC 191 and CSC 195 with a minimum grade of "C-" in both. The application and implementation of data structures including arrays, stacks, queues, linked lists, and trees. Internal searching and sorting techniques. The analysis of algorithms.

**CSC 312 File Processing. (3) I, II.** Prerequisite: CSC 310 with a minimum grade of "C-." File organization and file storage devices. Topics include external sorting, sequential file processing, hashing, B+ trees, and introduction to databases.

**CSC 313 Database Systems. (3) A.** Prerequisite: CSC 310 with a minimum grade of "C-." Introduction to databases, storage and retrieval of data, report generation, interface and application development, online queries, XML, multimedia database, and database security.

**CSC 315 3D Modeling. (3) A.** Prerequisite: CSC 191 and MAT 214 or MAT 214H. An introduction to geometric representations in 3D. Topics include polygon and spline modeling, texture mapping, materials, 3D scanning, and topics in animation including character rigging. Credit will not be awarded for both CSC 315 and CSC 303.

**CSC 316 3D Game Engine Design. (3) A.** Prerequisite: CSC 315 and CSC 310. Introduction to 3D animation and programming. Topics include coordinate systems, vertices, lines, polygons, geometric objects, 3D models, motion control, and interaction design. Credit will not be awarded for both CSC 316 and CSC 304.

**CSC 320 Introduction to Algorithms. (3) A.** Prerequisites: CSC 310 with a minimum grade of "C" and MAT 124. Fundamental algorithms required in computer science; algorithm design/analysis methods, graph algorithms, probabilistic and parallel algorithms, and computational models.

**CSC 330 System Environments & Networks. (3) A.** Prerequisite: CSC 191 with a minimum grade of "C-." Introduction to computer system environments, utilities, system administration, and networking.

**CSC 340 Ethics & Software Engineering. (3) A.** Prerequisite: CSC 310 with a minimum grade of "C-." Responsibilities of software professionals, social implications of software such as privacy, crime and abuse, risk and liabilities, copyright, and patents, software project planning, software requirements analysis, software design, and software testing.

**CSC 349 Applied Learning in Computer Science. (1-8) I, II; (1-6) SUMMER ONLY.** Prerequisite: students must have successfully completed 30 semester hours of course work including six hours of Computer Science major courses. In addition, transfer students must have completed at least one semester of full-time course work at EKU. Work in placements related to academic studies. A maximum of three hours may be applied toward the Computer Science technology option degree only. Credit does not apply to general Computer Science major or minor requirements. Total hours: eight, associate; sixteen, baccalaureate. A minimum of 80 hours of employment is required for each semester hour of academic credit. Credit may only be awarded in the semester in which the work is completed.

**CSC 349 A-N Cooperative Study: Computer Science. (1-8) I, II; (1-6) SUMMER ONLY.** Prerequisite: students must have successfully completed 30 semester hours of course work including six hours of Computer Science major courses. In

addition, transfer students must have completed at least one semester of full-time course work at EKU. Work in placements related to academic studies. A maximum of three hours may be applied toward the Computer Science technology option degree only. Credit does not apply to general Computer Science major or minor requirements. Total hours: eight, associate; sixteen, baccalaureate. A minimum of 80 hours of employment is required for each semester hour of academic credit. Credit may only be awarded in the semester in which the work is completed.

**CSC 350 Principles of Programming Languages. (3) I, II.** Prerequisites: CSC 200, 310 and 330 with a minimum grade of "C-" in all three courses. The principles used in the design and implementation of programming languages. Language descriptions, structural implementations, and specialized features of languages.

**CSC 370 Computer Architecture. (3) A.** Prerequisites: CSC 200 and EET 252. Information representation, Boolean algebra and combinatorial logic, memory and storage, elementary machines, addressing schemes, stack and parallel computers, overlap and pipeline processing, microprogramming, performance evaluation.

**CSC 390 Advanced Programming Techniques with \_\_\_\_\_. (3) A.** Prerequisite: CSC 312. Advanced programming with a selected programming language, with appropriate applications. May be taken to a maximum of six hours, provided the languages are different.

**CSC 400 Operating Systems. (3) I, II.** Prerequisites: CSC 320, 330 and 370. Overall structure of multiprogramming systems, details of addressing techniques, memory-management, file system design and management, traffic control, interprocess communication, system module design, interfaces.

**CSC 401 Network and System Programming. (3) A.** Prerequisites: CSC 302, CSC 370 or EET 254. Technical programming in the UNIX and the Internet environments: shell scripts, TCP/IP, HTML, CGI, and JavaScript. Survey of Internet protocols.

**CSC 425 Compiler Construction. (3) I, II.** Prerequisites: CSC 320 and 350. Basic concepts of lexical analysis and syntax analysis. A programming team project will implement these concepts.

**CSC 440 Applied Software Engineering. (3) A.** Prerequisites: A minimum grade of "C" in CSC 340. Techniques and tools for software requirements, software design, software testing, and software project planning as a team project for majors in computer science.

**CSC 460 Computer Network & System Administration. (3) A.** Prerequisite: CSC 400 or 401 or CSC 310 and 330. Introduction to the subject of computer networks and layered protocols, architecture of data communication systems, point-to-point networks, local networks, end-to-end protocols and internetworking, and server-side technology to create interactive web pages.

**CSC 490 Seminar in \_\_\_\_\_. (1-3) A.** Prerequisite: departmental approval. For advanced students in computer science. Subject announced when offered. May be retaken to a maximum of 12 hours, provided that the topics are different.

**CSC 491 Console Game Design. (3) A.** Prerequisite: CSC 316 and senior status. Level design, storyboarding, character modeling, game scripting, game interface design, audio effects, marketing, and ethics. Students will work in groups to develop a computer game term project.

**CSC 495 Independent Work. (1-3) I, II.** Prerequisite: departmental approval. Directed study/research on a problem or area chosen in consultation with the instructor. Final paper required. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment. May be retaken to a maximum of six hours.

**CSC 507 Seminar in Computer Science: \_\_\_\_\_. (1-3) A.** Prerequisite: departmental approval.

Topics vary with offering. May be retaken with advisor approval, provided the topics are different.

**CSC 510 Web Design and Programming in Education. (3) A.** Introduction to design and implementation of World Wide Web applications for teachers. Development of interactive on-line class notes and testing materials.

**CSC 520 Multimedia System Design. (3) A.** Prerequisite: CSC 120 or one of TEC 190, 255, 313, 355. Integration of multimedia technologies, design of scenes, computer algorithms, multimedia solutions, and multimedia databases.

**CSC 530 Concepts of Programming Systems. (3) A.** Prerequisites: three hours of a programming language or department approval. The top-down design of algorithms, structured programming, control structures, subprograms, files and lists. Programs will be written in a high level language. Credit does not apply to the B.S. degree in Computer Science.

**CSC 535 Discrete Structure. (3) A.** Prerequisite: MAT 107 or equivalent. Corequisite: CSC 530. Logic, sets, functions, Boolean algebra, probability and their applications, number theory, recursion, math induction proofs with application of these topics to computer science.

**CSC 538 Computer Crime and Forensics. (3) A.** Introductory course on computer crime and forensics. Computer criminal evidence collection, analysis and handling; computer forensics tools; data acquisition; digital evidence control; Windows and Linux systems investigation; email investigation; network forensics; computer forensic report writing.

**CSC 540 Integrated DB Applications. (3).** Prerequisite: CSC 310 with a minimum grade of "C-." Techniques and tools for creating an integrated database application. Topics include architecture of a client/server database, creation of named program units stored in the database and in the workstation file system, developer utilities and domain integrity.

**CSC 544 Database Admin and Security. (3) A.** Prerequisite: CSC 310 with a minimum grade of "C-." This course covers database management system concepts, database system architecture, installation and setup, data management, performance monitoring and tuning, backup and recovery, database security models and management, database auditing.

**CSC 545 Theory of Database Systems. (3) A.** Prerequisite: a minimum grade of "C" in CSC 310. Models and principles of information systems. Database languages. The logical and physical design as well as the implementation and use of database systems.

**CSC 546 Artificial Intelligence. (3) A.** Prerequisite: CSC 310 with a minimum grade of "C" or CSC 530. The use of programming languages to model concepts selected from artificial intelligence. The application of heuristics to problem solving. Perception and pattern recognition.

**CSC 550 Graphics Programming. (3) A.** Prerequisites: CSC 316. 3-D geometry, model transformation, matrices, computer algorithms and protocols, texture mapping, camera control, and collision detection.

**CSC 555 Topics in Multimedia: \_\_\_\_ (3) A.** Prerequisite: departmental approval. For advanced students in computer science. Subject announced when offered. May be retaken to a maximum of six hours, provided the topics are different.

#### CTE—Career and Technical Education Dr. Charles Gagel, Coordinator

**CTE 164 Orientation to Career and Technical Education. (3) A.** Instruction to new technical teachers in areas of principles of instruction, lesson planning, oral instruction, instructional media, demonstrations, evaluation and follow-up. Satisfactory-unsatisfactory grading.

**CTE 303 Career and Technical Education Staff Exchange. (2-9) A.** Prerequisite: departmental

approval. For in-service career and technical teachers enrolled in an approved staff exchange program designed to update technical skills and knowledge in an occupational setting. Assignments include verifying contact hours, site visit, narrative summary, and lesson development. First week of exchange is equal to two semester hours of credit with one additional hour of credit for each additional week. Satisfactory-unsatisfactory grading.

**CTE 204 Related Science, Mathematics, and Technology in Occupations I. (3) A.** Offered only through written examination; applicant must be eligible for vocational teaching certificate.

**CTE 205 Manipulative Skills in Occupations I. (3) A.** Offered only through technical competence examination; applicant must be eligible for vocational/teaching certificate.

**CTE 206 Related Knowledge: Occupations I. (3) A.** Offered only through written examination; applicant must be eligible for vocational teaching certificate.

**CTE 261 Foundations of Career and Technical Education. (3) A.** A study of the historical, philosophical, economical, sociological, and psychological foundations of career and technical education related to elementary, secondary, and post-secondary education.

**CTE 302 New Developments in Industry. (1-6) A.** Concurrent enrollment in approved industry sponsored course. One hour credit for each week of enrollment (minimum of 20 class hours per week). Student required to present proof of completion and to develop a teaching unit on the new development. May be retaken provided the industry sponsored school is different. Graded on a satisfactory-unsatisfactory basis. Only in-service vocational education teachers may enroll.

**CTE 304 Related Science, Mathematics, and Technology in Occupations II. (3) A.** Offered only through written examination; applicant must be eligible for vocational teaching certificate.

**CTE 305 Manipulative Skills in Occupations II. (3) A.** Offered only through technical competence examination; applicant must be eligible for vocational/teaching certificate.

**CTE 306 Related Knowledge: Occupations II. (3) A.** Offered only through written examinations; applicant must be eligible for vocational teaching certificate.

**CTE 361 Course Materials in Career and Technical Education. (3) A.** The preparation of instructional materials and instructional techniques, including the development and use of instructional media. The content will include the development of curricula at appropriate levels of education and appropriate laboratory activities.

**CTE 363 Evaluation in Career and Technical Education. (3) A.** Methods of evaluation, preparation of measuring devices; methods of assessing technical competency; interpretation of standardized test results; statistical analysis of test data and the improvement of instruction.

**CTE 364 Methods in Career and Technical Education. (3) A.** Presentation and application of instructional materials, methods, techniques, and devices relevant to teaching technical subjects.

**CTE 463 Practicum in Career and Technical Education. (4-12) A.** Prerequisites: CTE 361, 363, 364. Observation, participation and supervised teaching in vocational and technical education. Includes experiences in lesson planning, classroom management, record keeping, development and use of instructional materials and directed teaching in approved centers. Students are graded on a satisfactory-unsatisfactory basis.

**DES—Design  
Mr. Herb Goodman, Chair**

**DES 121 The Interior Environment. (3) A.** An orientation to the profession: relationship to allied fields, contemporary developments, professional

organizations, career options and philosophical approaches. Introduction to the principles and elements of design, programming, space planning, and decorative ornamentation. Open only to non-Interior Design majors.

**DES 122 Graphic Communication in ID. (3) I.** Emphasis on graphic communication as part of the design process for interior designers. Integration of drawing skills employed in graphic representational methods used to analyze and describe interiors and conceptual ideas. Studio.

**DES 126 Computers and Interior Design. (3) I.** Focuses on instruction in CAD software (AutoCAD) with brief introductions to word processing, spreadsheet, database, presentation, and rendering software as well as an examination of the role of e-mail and the Internet in the profession of interior design. Studio.

**DES 222 Interior Design Studio I. (3) I.** Prerequisites: ART 100, 152, 153; DES 122. A study of two and three-dimensional design theories including color theory and spatial organization and their application to interior design. Both graphic and model making techniques utilized. Studio meets for 3 hours twice a week.

**DES 225 Interior Materials. (3) II.** An investigation of the interior finish materials and component systems used in the design profession; their properties, performances, sustainability, application and installation techniques, as well as health and life safety issues and the appropriate trade sources.

**DES 226 Interior Design Studio II. (3) II.** Prerequisite: DES 222. The study of the concepts and requirements in residential interior design. Programming, human factors, space planning, and study of functional and aesthetic aspects of residential environments will be explored. Studio meets for 3 hours twice a week.

**DES 250 Introduction to Graphic Design. (3) I, II.** Prerequisites: ART 100 and 152. Introduction to the field of professional graphic design and its conceptual and technical makeup. A portfolio review will be conducted during exam week of DES 250 to determine enrollment for DES 350 and 351.

**DES 317 Interior Design Study Tour I. (1-3) A.** Prerequisite: 30 hours in the Interior design major or approval. A tour planned for interior design students to observe the operation of establishments involved in production, sales, and/or display of items such as furniture and accessories. Special project required.

**DES 319 Seminar in Interior Design. (1-3) A.** A study of technical information relevant to interior design. Course content to be determined by student interest and needs. May be retaken to a maximum of six hours provided the content is different.

**DES 322 Interior Design Studio III. (3) I.** Prerequisites: DES 226 and 330. Major GPA 3.0, and admission to the BFA program. Corequisites: DES 325. Research analysis, programming, space planning, and human factors in residential and/or small-scale commercial design. Laptops and CAD software required. Studio meets for 3 hours twice a week.

**DES 325 Professional Practice in ID. (3) I.** Corequisite: DES 322. An examination of the profession of interior design including history, procedures, documents, organizations, trade resources, certification, management, and ethics.

**DES 326 Interior Design Studio IV. (3) II.** Prerequisite: DES 322, Major GPA 3.0, and admission to the BFA program. Research, analysis, organization, advance programming in large-scale commercial and/or residential design, emphasizing special populations, and resulting in functional and aesthetic design solutions. Studio meets for 3 hours twice a week.

**DES 327 History of Interior Design I. (3) I.** Prerequisite or Corequisite: ARH 390 and 391. The study of the history and theory of architecture, interiors, and decorative arts from the Renaissance through the nineteenth century. An examination of the significance and application to current design problems.

**DES 328 History of Interior Design II. (3) II.** Prerequisite: DES 327. The study of the history and theory of architecture, interiors, and decorative arts from the nineteenth century through the present day. An examination of the significance and application to current design problems.

**DES 330 Lighting Design. (3) II.** Prerequisite: CON 250. Introduction to lighting with an emphasis on theory, codes, and practical application/selection of lighting to enhance interior space. Integration of lighting issues that are essential and specific to the industry and profession of interior design.

**DES 332 Housing Alternatives for Elderly. (3) A.** Examination of the housing options and alternatives for the elderly population resulting in an awareness of and responsiveness to the needs of the user.

**DES 349 Applied Learning in Art & Design (1-8) A.** Work in a professional environment related to academic studies. One to eight hours credit per semester or summer. A minimum of 80 hours employment required for each semester hour credit. Students must have successfully completed 30 semester hours of course work and transfer students must have completed at least one semester of full-time course work at EKU with a GPA of 3.0.

**DES 349 a-n Cooperative Study: Art & Design (1-8) A.** Work in a professional environment related to academic studies. One to eight hours credit per semester or summer. A minimum of 80 hours employment required for each semester hour credit. Students must have successfully completed 30 semester hours of course work and transfer students must have completed at least one semester of full-time course work at EKU with a GPA of 3.0.

**DES 350 Typography I. (3) II.** Prerequisite: DES 250. Corequisite: DES 351. Departmental approval and 3.0 GPA in ART, ARH, and DES courses. Introduction to the use of letterforms in graphic design and visual culture. Students will research typographic terms and history and will develop an understanding of visual hierarchy in graphic design.

**DES 351 Sophomore Studio. (3) I, II.** Prerequisite: DES 250. Corequisite: DES 350. Departmental approval and 3.0 GPA in ART, ARH, and DES courses. An exploration of visual communication issues and applications in graphic design. The relationship of visual form to meaning, type and image relationships will be examined.

**DES 352 Image Making. (3) II.** Prerequisites: DES 350, 351, Major GPA 3.0, and admission to the BFA program. Corequisite: DES 353. An advanced integration of various techniques and materials, both traditional and contemporary, to promote understanding of the importance of imagery within the field of graphic design.

**DES 353 Production for Graphic Design. (3) II.** Prerequisites: DES 350, 351, Major GPA 3.0, and admission to the BFA program. Corequisite: DES 352. Exploration of materials, surface graphics, marketing, and production problems as the refinement and integration of many design principles.

**DES 354 Typography II. (3) A.** Prerequisites: DES 352, 353, Major GPA 3.0, and admission to the BFA program. Corequisite: DES 451. Advanced study of typography as an expressive medium. Special attention to multi-page document work, advanced issues of typography in scale as well as its usage in new media and alternative situations.

**DES 421 Supervised Field Experience in ID. (6) SUMMER ONLY.** Prerequisites: open to Interior Design BFA students only, DES 325 and 326, minimum 2.25 overall GPA, and 3.0 major GPA. Observation of an interior design firm's operation, with performance in assigned tasks. Students are placed with an architecture or interior design firm for a continuous full time ten-week experience.

**DES 422 Interior Design Studio V. (3) I.** Prerequisites: DES 326 and 328, Major GPA 3.0, and admission to the BFA program. Advanced studio

experience in interior design with emphasis on one or more of the following: residential, exhibit/retail, hospitality, office, historic preservation and adaptive-use. Studio meets for 3 hours twice a week.

**DES 424 Issues in Interior Design. (3)**

A. Prerequisite: junior standing or departmental approval. Individual and group investigation of current responsibilities and issues relevant to the field of interior design.

**DES 426 Interior Design Studio VI. (3)**

II. Prerequisites: DES 421 and 422, Major GPA 3.0, and admission to the BFA program. Corequisite: ART 499. Advanced studio experiences in interior design requiring students to design a comprehensive large-scale project. Studio meets for 3 hours twice a week.

**DES 450 Professional Practices in Graphic Design. (3) I, II.**

Prerequisites: DES 354, 451, Major GPA 3.0, and admission to the BFA program. Corequisite: DES 453. This course examines the professional standards and practices specific to the field of graphic design.

**DES 451 New Media. (3) A.**

Prerequisites: DES 352 and 353, Major GPA 3.0, and admission to the BFA program. Corequisite: DES 354. Introduction to the artistic and technical issues of multimedia through website creation and animation.

**DES 453 Senior Workshop in Design. (3)**

I, II. Prerequisite: DES 354, 451, Major GPA 3.0, and admission to the BFA program. Corequisite: DES 450. Exploration of current issues, technical procedures, and design products.

**DES 454 BFA Graphic Design. (3) I,**

II. Prerequisites: DES 453, Major GPA 3.0, and admission to the BFA program. Corequisite: ART 499. Final phases of the student designer's transition into the profession. Additional guidance towards portfolio and senior thesis development.

**DES 463 Problems in Design: \_\_\_\_\_. (3)**

I, II. Prerequisites: DES 354 and 451 or Department Approval. Individualized instruction in design builds on creative skills and techniques learned in prior design courses. This course stresses the development of a specialized study of techniques and concepts for a design portfolio. May be retaken with different topics to earn a maximum of nine hours.

**DES 517 Interior Design Study Tour II.**

(1-3) A. Prerequisite: Interior Design major who has completed 90 hours or departmental approval. Tour of interior design resources, wholesale and retail showrooms. Study in museums, libraries, and interior design centers when possible. Special study projects.

**ECO—Economics**

Dr. Gyan Pradhan, Chair

**ECO 110 The Individual and the Economy.**

(3) A. Prerequisite: MAT 095 or ACT math score of 18 or SAT math score of 490 or higher. An examination of the nature and role of individual decision making in the economy; the economic environment and the individual's decisions; public policies and the decisions of the individual. Credit will not be awarded to students who have credit for ECO 230 or 231.

**ECO 120 Economic Reasoning and Issues.**

(3) I, II. Prerequisite: MAT 095 or ACT math score of 18 or SAT math score of 490 or higher. Basic concepts of a market-based economy, including scarcity, opportunity cost, comparative advantage, demand and supply, marginal analysis, market failures, economic growth, unemployment, inflation, and international trade and finance. Gen. Ed. VB, VC or VII (SBS). [SB]. Students who have completed or are enrolled in ECO 230 or 231 will not receive credit for ECO 120.

**ECO 130 Contemporary Economic Problems. (3) I, II.**

Prerequisite: completion of developmental math requirements. A general education economics course dealing with such contemporary economic problems as unemployment, inflation, national debt, energy, health, pollution, education,

crime, poverty, discrimination, and protectionism.

Does not count toward the economics major. Students who have completed ECO 230 or 231 and students who have credit for ECO 310 will not receive credit for ECO 130. Gen. Ed. VB, VC, or VII (SBS). [SB].

**ECO 220 Statistical Methods for Economics**

I. (3) A. Prerequisite: MAT 107. Business and economic applications of frequency distributions, measures of location, variation; probability, sampling, estimation, test of hypothesis, linear regression, index numbers, and time series analysis. Credit will not be awarded to students who have credit for CRJ 400 or EPY 842 or HEA 450 or PSY 310 or QMB 200 or STA 208 or STA 215 or STA 270.

**ECO 230 Principles of Microeconomics.**

(3) I, II. Prerequisite: ENG 095, ENR 095, and MAT 095; or equivalent. Microeconomic principles, including the study of opportunity cost, consumer and producer choices, market demand and supply, pricing and resource allocation, comparative advantage and international trade. Gen. Ed. VB, VC, or VII (SBS). [SB].

**ECO 231 Principles of Macroeconomics.**

(3) I, II. Prerequisite: ENG 095, ENR 095, and MAT 095; or equivalent. Macroeconomic principles, including the study of measures of national economic performance, determinants of aggregate production, employment and prices, monetary and fiscal policy, balance of payments, economic growth and development. Gen. Ed. VB, VC, or VII (SBS). [SB].

**ECO 233 Experiments in Microeconomic Principles.**

(1) A. Pre or Corequisite: ECO 230. Classroom experiments that demonstrate the major principles of microeconomics. 2 Lab.

**ECO 300 Managerial Economics. (3) A.**

Prerequisite: ECO 230. Economic concepts that are directly applicable to business decision making including cost and production, profits, demand and pricing, capital budgeting and investment, and forecasting.

**ECO 314 Sports Economics. (3) A.**

Prerequisite: ECO 230 or departmental approval. Economics applied to sports. Topics include collusive versus competitive behavior, pricing strategies, government subsidies of sports ventures and venues and sports labor markets.

**ECO 315 Economic Policy Analysis. (3) A.**

Prerequisite: ECO 230. Foundations and rationale for economic policy, including market failure and income inequality. Objectives, evaluation and analysis of selected policies in areas such as international trade, environment, education, health care, welfare, social security, and economic development.

**ECO 320 Research Methods in Economics**

I. (3) I. Prerequisite: ECO 220, STA 270 or QMB 200; ECO 230 and 231; or departmental approval. Combining economic theory and statistical models in empirical work in economics; the linear statistical model and its extensions, application to production and cost, demand, and economic growth, forecasting, and policy analysis; classical time series analysis.

**ECO 324 Money and Banking. (3) A.**

Prerequisite: ECO 231. Functions of money, monetary systems, history of banking, functions of the commercial bank, bank assets and reserves, loans and discounts, bank supervision, the Federal Reserve System, central banking policies, monetary and fiscal policies.

**ECO 330W Intermediate Microeconomics.**

(3) I. Prerequisite: ECO 230 or departmental approval; ENG 102 or ENG 105(B) or HON 102. A writing-intensive intermediate course in economics. Analysis of consumer and producer behavior, market equilibrium, pricing and resource allocation under alternative market structures, risk aversion and information. Credit will not be awarded for both ECO 330W and ECO 330.

**ECO 331 Intermediate Macroeconomics.**

(3) II. Prerequisite: ECO 231. Analysis of aggregate economic activity; consumption, investment, employment, output, money and prices, exports and

imports; stabilization policy.

**ECO 333 Human Resource Economics.**

(3) A. Prerequisite: ECO 230. Economics of human resource markets, including the demand for and supply of labor, human capital formation, household production, unions, discrimination, unemployment, and associated public policy issues.

**ECO 340 Environmental Economics. (3)**

A. Cross listed as APP 340. Prerequisite: ECO 230. Applications of basic economic analysis to a study of the environment and environmental problems. Major topics include benefit-cost analysis for environmental decision making, the potential for market-based solutions to environmental problems, and the role and development of environmental policy. Credit will not be awarded for both ECO 340 and APP 340.

**ECO 345 Topics in Economics: \_\_\_\_\_. (1-3) A.**

Prerequisite: to be announced. Selected topics for study. Variable topics across semesters. May be retaken to a maximum of six hours, provided the subject matter differs each time.

**ECO 349 Applied Learning in Economics.**

(1-3) A. Prerequisite: minimum GPA 2.25. Co-curricular work experience under faculty and field supervisors. Training plan required. May be retaken to a maximum of six hours. Minimum 80 hours work required for each academic credit hour. May not count towards major.

**ECO 349 A-N Cooperative Study:**

**Economics. (1-3) A.** Prerequisite: minimum GPA 2.25. Co-curricular work experience under faculty and field supervisors. Training plan required. May be retaken to a maximum of six hours. Minimum 80 hours work required for each academic credit hour. May not count towards major.

**ECO 360 Industrial Organization. (3)**

A. Prerequisite: ECO 230 or equivalent. Studies the strategic interactions of firms in imperfectly competitive markets, market performance, and public policy.

**ECO 365 Public Finance. (3) A.**

Prerequisite: ECO 230. Economics of the public sector, including the scope of and rationale for government, public goods and externalities, voting schemes and public choice, taxes and subsidies, and transfer payments.

**ECO 370 Health Care Economics. (3) II.**

Prerequisite: ECO 230 or departmental approval. Introduction to health economics, including the study of the demand for and production of medical care, health care planning, regulation, finance and evaluation.

**ECO 394 International Economics. (3) A.**

Prerequisites: three hours ECO. An introduction to international trade and investment theory emphasizing international business, international trade theory, trade and investment patterns, payments system, balance of payments, international companies, and international issues.

**ECO 395 Economics of Developing Countries (3) A.**

Prerequisite: three hours ECO. Economics of development including: theories of growth, income distribution, investment in human capital, alleviation of poverty, strategies for growth; study of selected countries.

**ECO 410 History of Economic Thought.**

(3) A. Prerequisites: three hours of ECO. The history of economic ideas from Adam Smith through J. M. Keynes.

**ECO 420 Research Methods II. (3) II.**

Prerequisite: ECO 320 or departmental approval. Problems of heteroscedasticity, serial correlation, and endogeneity in the linear statistical model; nonlinear models and modern time series analysis. Formulation and execution of empirical research project.

**ECO 430 Mathematical Economics. (3)**

A. Prerequisites: three hours of ECO and MAT 124, 211, or 261. Mathematical formulations of economic theories. Models of the consumer, the firm, markets, economic growth, and business cycles.

**ECO 490 Senior Seminar in Economics. (3)**

A. Prerequisites: ECO 330, 331, and senior standing, or departmental approval. Reading, analysis and

discussion of selected economics topics. Preparation of student research paper.

**ECO 492 Business Cycles. (3) A.**

Prerequisite: ECO 231. Growth, instability, inflation, business cycle theories, spending and saving decisions, government expenditures and tax patterns, prices, output, and employment, historical cyclical patterns, economic forecasting.

**ECO 560 Special Problems in Economics. (1-4) A.**

Prerequisite: advisor/departamental approval. Independent work, special workshop, special topics or seminar. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

**ECO 590 Regional Economics. (3) A.**

Prerequisite: three hours of ECO. Analysis of patterns of regional growth and development. Use of economic models for regional forecasting and policy evaluation; the problems of marginal areas in developed economies.

**EDF—Educational Studies**

**Dr. Michael A. Martin, Chair**

**EDF 103 Introduction to Education. (1) I, II.**

An exploration of the professional qualities and expectations of a teacher/educator. Roles, responsibilities and challenges in the field of education will be reviewed. Eight hours of field experiences in schools are required. For pre-education and non-education majors.

**EDF 200 Schools and Our Society. (3) I, II.**

Prerequisite: Score accepted by the Kentucky Education Professional Standards Board on one of the approved tests: ACT, PPST, SAT, GRE. An introduction to social and cultural influences on schools, the purposes of schooling, the governance, financing, and administration of schools, and the role of the individual as an educator. 15 hours of field experience required.

**EDF 203 Schooling and Society. (3) I, II.**

Prerequisite: score accepted by the Kentucky Education Professional Standards Board on one of the approved tests: ACT, PPST, SAT, GRE. Prerequisite or Corequisite: Satisfactory grade in EDF 103 or enrolled in EDF 103. An introduction to social and cultural influences on schools, the purposes of schooling, the governance, financing, and administration of schools, and the role of the individual as an educator. 12 hours of field experience required. 2 Lec/2 Lab.

**EDF 310 Transition to Education. (1-3) I, II.**

Transition to professional education at EKU. Required of students who have an equivalent transfer course for EDF 203.

**EDF 319 Human Development and Learning. (3) I, II.**

Prerequisite: satisfactory grade in EDF 103 or 310; EDF 203 with grade of "C" or higher and a score accepted by the Kentucky Education Professional Standards Board on one of the approved tests: ACT; PPST; SAT; GRE. The study of theories and principles of human development and learning as applied to the classroom. Fifteen hours of field laboratory experiences. Credit will not be awarded to students who have credit for EDF 320 or EDF 319W.

**EDF 319W Human Development and Learning. (3) I, II.**

Prerequisite: satisfactory grade in EDF 103 or 310; ENG 101 and 102, or HON 105, with a "C" or higher, or ENG 105 with a "B" or higher; EDF 203, with grade of "C" or higher and a score accepted by the Kentucky Education Professional Standards Board on one of the approved tests: ACT; PPST; SAT; GRE. The study of theories and principles of human development and learning as applied to the classroom. Fifteen hours of field laboratory experiences. Credit not awarded to students with credit for EDF 320 or EDF 319.

**EDF 320 Human Development and Learning for Vocational Education. (3) I, II.**

The study of theories and principles of human development and learning as applied within vocational-industrial technical education classrooms. Credit will not be awarded for both EDF 320 and EDF 319.

**EDF 330 U.S. South and Black Education. (3) A.**

Cross listed as AFA 330. This course introduces the major themes of Black populations pursuing educational opportunities in Southern States. Students will acquire knowledge about historical events, people and policies shaping the evolution of Blacks in education. Credit will not be awarded for both EDF 330 and AFA 330. Gen. Ed. VIII.

**EDF 413 Assessment in Education. (3) I, II.**

Prerequisite: admission to teacher education. Principles and procedures in assessing and evaluating pupil growth in skills, attitudes, aptitudes, and understandings. Assessment construction, analysis, item analysis. Marking systems, and authentic assessment systems will be addressed.

**EDO—Education Orientation**

**Dr. William Phillips, Dean**

**EDO 100 Academic Orientation. (1) I.**

Designed to orient the student to university academic life and afford background for career choice and preparation. Included are University regulations and calendar, catalog details, registration and preregistration, various career opportunities, and program requirements. Open to all students during their first two semesters of enrollment at EKU; beyond that open to students with fewer than 30 semester hours earned.

**EET—Electricity and Electronics Technology**

**Dr. Vigyan Chandra, Coordinator**

**EET 251 Electricity and Electronics. (3) I, II.**

Prerequisite: Grade of at least "C" in MAT 095 or a minimum math ACT score of 18 or a minimum SAT math score of 490. Principles of basic electricity, circuit operation, and electronics. Topics include electrical components, measurements, power, characteristics of AC-DC, basic circuit laws, circuit simulation, magnetism, energy conversion, and sources. 2 Lec/2 Lab.

**EET 252 Digital Electronics. (3) I, II.**

Prerequisite: grade of at least "C" in MAT 090 or equivalent. A survey of digital electronics fundamentals and applications. Topics include number systems, digital mathematics, logic families, logic gates, multiplexers, demultiplexers, comparators, counters, decoders, displays, and converters. 2 Lec/2 Lab.

**EET 253 Microprocessor Control Systems. (3) A.**

Prerequisite: EET 251 and 252. The operation and application of microprocessor-based control systems in electro-mechanical project environments. Topics include data, address, and control signals; memory; software; interfacing digital and analog devices; ports; and data communications. 2 Lec/2 Lab.

**EET 254 Machine Language for Microcontrollers. (3) A.**

Prerequisite/Corequisite: EET 252. Machine language programming for ROM based microprocessor based industrial controllers. Emphasis on software manipulation of I/O control devices in real-time, interrupt driven, process control environments. 2 Lec/2 Lab.

**EET 257 Electronic Devices and Circuits. (3) A.**

Prerequisite: EET 251. An analysis of the characteristics of solid state devices and the common circuits that utilize these devices. Emphasis on problem solving supplemented by laboratory activities and demonstration of electronic circuits and devices. 2 Lec/2 Lab.

**EET 349 Applied Learning in CET/CEN (1-8) II.**

Prerequisite: departmental approval, sophomore (30-59 hours) or higher standing and minimum of 2.0 GPA. Work under faculty and field supervisors in placements related to academic studies in Computer Electronics Technology (CET) or Computer Electronic Networking (CEN). Transfer students must have completed at least 12 hours of coursework at EKU. A minimum of 80 hours work required for each academic credit.

**EET 349 A-N Cooperative Study: CET/CEN. (1-8) I, II.**

Prerequisite: departmental approval,

sophomore (30-59 hours) or higher standing and minimum of 2.0 GPA. Work under faculty and field supervisors in placements related to academic studies in Computer Electronics Technology (CET) or Computer Electronic Networking (CEN). 1-8 credit hours per semester or summer. Transfer students must have completed at least 12 hours of coursework at EKU. A minimum of 80 hours work required for each academic credit.

**EET 350 Industrial Electronics I. (3) A.**

Prerequisite: EET 257. Principles of timing, power control circuitry, transducers, and programmable controllers in commercial and industrial applications. 2 Lec/2 Lab.

**EET 351 Programmable Logic Controllers. (3) A.**

Prerequisite: EET 251 or 252. The study of programmable logic controllers (PLCs). PLC functioning theory, selection, wiring, and programming. 2 Lec/2 Lab.

**EET 452 Electrical Power & Drives. (3) A.**

Prerequisites: (MAT 108 or higher), (PHY 101), and EET 257. Principles of electromagnetic induction as applied to the generation, distribution, conversion, control, and measurement of electrical power. Analysis of the electronics used for electrical drives. Installation, programming and maintenance of digital drives. 2 Lec/2 Lab.

**EHS—Environmental Health Science**

**Worley Johnson, Interim Chair**

**EHS 225 African/African-American Health Issues. (3) I.**

Cross listed as AFA 225. Provides the student with an understanding of the medical and public health issues relevant to the maintenance of health conditions both in the United States and Africa. Credit will not be awarded for both EHS 225 and AFA 225.

**EHS 230 EHS Diseases and Hazards of Leisure. (3) II.**

Provides the student with an understanding of the biological, chemical and physical threats to health and life from the recreational, amusement, travel and tourist environments.

**EHS 280 Introduction to Environmental Health Science. (3) A.**

Elements of environmental health, including water and waste treatment, air pollution, food sanitation, vector control, solid waste disposal, and general sanitation problems.

**EHS 285 EHS Professional Standards. (1) A.**

Corequisite: EHS 335. Provides the student with the personal and professional tools to succeed as an environmental health professional. Information related to required professional certifications, ethical demands, and professional standards and practices will be provided.

**EHS 290 Seminar in Environmental Health. (2) II. A.**

Prerequisite: departmental approval. Discussion and analysis of literature related to selected current environmental health problems.

**EHS 300 Water Supplies and Waste Disposal. (4) I, II.**

Prerequisite/Corequisite: EHS 280. Prerequisite/Corequisite: BIO 320 or CLT 209 and CLT 211. Drinking water safety in both individual private systems and larger public systems. Maintenance of raw water quality, water purification, delivery systems, and surveillance. Techniques for collection, treatment, and disposal of sewerage also discussed.

**EHS 330 Environmental Control of Disease Vectors. (3) II.**

Prerequisite: BIO 121. The identification and control of arthropods, arachnids, rodents, and other vectors of disease. Review of significant vector borne diseases. Safe use of pesticides will also be discussed.

**EHS 335 Hazardous and Solid Waste Management. (3) II.**

Prerequisites: CHE 111, 111L and EHS 280; or departmental approval. Corequisite: EHS 285. Nature of toxic and hazardous wastes and methods for their disposal to protect health and the environment and to prevent contamination of groundwater. The environmental health and safety aspects of solid waste collection, treatment and disposal, and regulations governing waste management are also discussed.

**EHS 340 Industrial Hygiene. (3) I, II.** Prerequisites: BIO 121, CHE 111, 111L and EHS 280; or departmental approval. The impact of the workplace on safety and health, and methods for avoiding work-related illnesses. Emphasis will be on the evaluation and the control of the work environment to protect worker health.

**EHS 345 Advanced Industrial Hygiene. (3) II.** Prerequisite: EHS 340 or departmental approval. In-depth discussion of the chemical and physical hazards of the workplace and their evaluation and to provide hands-on experience in industrial hygiene sampling and analysis.

**EHS 349 Applied Learning in Environmental Health Science. (1-6) A.** Prerequisite: departmental approval. Work in placements related to academic studies. One to six hours credit per semester or summer. A minimum of 80 hours work required for academic credit.

**EHS 349 A-N Cooperative Study: Environmental Health Science. (1-6) A.** Prerequisite: departmental approval. Work in placements related to academic studies. One to six hours credit per semester or summer. A minimum of 80 hours work required for academic credit.

**EHS 355 CBR Terrorism & Environmental Health. (3) II.** This course will provide students with environmental health principles required to protect individuals and communities in times of war, general emergencies and disaster, both natural and human, due to chemical, biological and radioactive threats.

**EHS 360 Air Pollution and Health. (4) A.** Prerequisites: CHE 112, 112L and EHS 280; or departmental approval. Health effects of air pollution, including a discussion of the primary sources of airborne pollutants, their transport and transformation, the control of air pollution, state and national standards.

**EHS 370 Risk Assessment and Environmental Epidemiology. (3) I, II.** Prerequisites: EHS 280 and STA 215; or departmental approval. The use of data to define the health effects of exposed individuals or populations to hazardous materials and situations.

**EHS 380 Food Hygiene. (3) I, II.** Prerequisites: EHS 280 or departmental approval. A study of the health effects of food-borne disease, including an in-depth discussion of the physical, chemical, and biological contaminants that cause an estimated 76 million cases of food-borne illnesses annually in the U.S. An examination of the food processing and food service industry's failings and efforts to prevent food-borne illness will be the primary focus.

**EHS 390 EHS Special Problems in Environmental Health. (1-4) A.** Prerequisite: departmental approval. For independent work, or special workshops, or special topics as they relate to environmental health issues and problems. May be retaken for maximum of eight hours.

**EHS 395 Environmental Problem Analysis. (3) II.** Prerequisites: EHS 335, 340, and MAT 107 or 109; or departmental approval. Application of the student's knowledge gained from technical course work to analyze environmental problems. Emphasis is on logically solving environmental health issues that the student can expect when working in the field.

**EHS 425 Environmental Health Program Planning. (3) A.** Prerequisites: EHS 280 and 335. Administration, planning, implementation, and evaluation of environmental health programs. Discussion of resources and promotional techniques, and the role of the environmental health specialist dealing with community, state, and regional agencies.

**EHS 440 Environmental and Industrial Toxicology. (3) II.** Prerequisites: CHE 112, 112L and EHS 280; or departmental approval. Health effects and nature of toxic substances with discussion of dose-response relationships, latency, target organs, and potential exposures in the environment.

**EHS 460 Housing and Institutional Environments. (3) A.** Prerequisite: EHS 280 or departmental approval. Corequisite: EHS 485.

Discusses the requirements for healthful housing means of attaining and maintaining these requirements. Reviews environmental health concerns relating to day-care centers, schools, hospitals, nursing homes, and prisons. Describes surveillance, evaluative, and corrective methods.

**EHS 463 Field Experience in Environmental Health. (6) A.** Prerequisites: EHS 300, 335, 380, and departmental approval. Supervised and directed field experience in local, state, regional environmental health agencies, or with appropriate industries. Eight to twelve weeks full-time required depending on work place.

**EHS 485 EHS Professional Practice Seminar. (1) A.** Prerequisite: 90 hours. Corequisite: EHS 460. Provides the graduating student a certification and licensure review for their required state and national exams. The student will also be taught how to develop professional success strategies and long range career plans.

**EHS 498 Independent Study in Environmental Health. (1-3) A.** Prerequisite: student must have the independent study proposal form approved by faculty supervisor and department coordinator prior to enrollment. Opportunity for individual work on an environmental health research problem in a supervised situation.

**EHS 510 Radiological Health (3) A.** Provides the student with the principles of health effects from ionizing radiation, including radiation sources, detection, measurement, control, and safety devices. Student will be able to identify, evaluate and control radiation in the work environment; implement a radiation monitoring program; establish emergency plans for actions to be taken in event of radiological accident; develop risk assessment and communication program. Credit will not be awarded for both EHS 510 and 410.

**ELE—Elementary Education  
Dr. Michael A. Martin, Chair**

**ELE 322 Physical Education in the Elementary School. (2) I, II.** Prerequisite: EDF 203 with a grade of "C" or higher. The study of the role of movement for the elementary school child; philosophy, principles, purposes, and programs of elementary physical education. Educational dance, educational gymnastics, and educational games are emphasized.

**ELE 361 Art in the Elementary Grades P-5. (3) I, II.** Prerequisite: EDF 203 with a grade of "C" or higher. Fundamental concepts of art education and those found in KERA. Exploration of art materials, processes, and activities for children in the elementary grades including those with special needs. Ten field/clinical hours.

**ELE 362 Music Education for the Classroom Teacher. (3) I, II.** Prerequisite: EDF 203 with a grade of "C" or higher. Study and appraisal of teaching techniques, music literature, learning activities, curricular plans, and materials essential to the sequential development of musical learning in the elementary school. Ten field/clinical hours.

**ELE 365 Health Education P-5. (2) I, II.** Prerequisite: EDF 203 with a grade of "C" or higher. A study of curriculum design, teaching/learning strategies, resources, and evaluation procedures in elementary school health education. Topics include drugs, mental health, family living, nutrition, fitness, consumerism, environment, disease, and personal health. Ten field/clinical hours.

**ELE 445 Foundations of Reading/Language Arts. (3) I, II.** Cross listed as EMG 445. Prerequisites: junior standing, 2.75 GPA, and EDF 203. Corequisite or Prerequisite: EDF 319 and EDF 310 for students transferring in equivalent of EDF 203. An overview of reading/language arts components P-5, teacher competencies, organization and planning for instruction. Twenty field/clinical hours. Credit will not be awarded to students who have credit for EMG 445, EMG 445W or ELE 445W.

**ELE 445W Foundations of Reading/Language Arts. (3) I, II.** Crosslisted as EMG 445W. Prerequisites: junior standing, 2.75 GPA; Grade of "C" or higher in ENG 101 and 102, or HON 105; or ENG 105 with a grade of "B" or higher, EDF 203. Corequisite or Prerequisite: EDF 319. An overview of reading/language arts components P-5, teacher competencies, organization and planning for instruction. Twenty hours of field/clinical experiences. Credit will not be awarded to students who have credit for EMG 445 or ELE 445.

**ELE 446 Reading and Language Arts P-5. (3) I, II.** Prerequisites: EDF 319, EDF 413, ELE 445 with a grade of "C" or higher and admission to professional education. Prerequisite or Corequisite: SED 401. Emphasis on theory, curriculum, teaching techniques and materials, instructional planning, assessment and use of results. Twenty field/clinical hours. Credit will not be awarded for both ELE 446 and ELE 446S.

**ELE 446S Reading and Language Arts P-5. (3) I, II.** Prerequisites: EDF 319, EDF 413, ELE 445 with a grade of "C" or higher and admission to professional education. Prerequisite or Corequisite: SED 401. Emphasis on theory, curriculum, teaching techniques and materials, instructional planning, assessment and use of results. Twenty field/clinical hours and a minimum of 15 service learning hours. Credit will not be awarded for both ELE 446S and ELE 446.

**ELE 490 Classroom Management in the Elementary Grades P-5. (3) I, II.** Prerequisite: EDF 319, EDF 413 and admission to professional education. Prerequisite or Corequisite: SED 401. Critical examination of effective classroom management in grades P-5. Emphasis on theories, strategies, and applications through study, discussion, observation, and participation. Twenty field/clinical hours.

**ELE 491 Mathematics in Elementary Grades P-5. (3) I, II.** Prerequisites: EDF 319, EDF 413, MAT 202 with a grade of "C" or higher and admission to professional education. Prerequisite or Corequisite: SED 401. Methods and materials of teaching P-5 mathematics; emphasis on discovering and developing fundamental concepts as a foundation for problem solving. Twenty field/clinical hours.

**ELE 492 Science in the Elementary Grades P-5. (3) I, II.** Prerequisites: EDF 319, EDF 413 and admission to professional education. Prerequisite or Corequisite: SED 401. Modern materials and methods for teaching science in primary through grade five. Five discussion-laboratory hours per week. Twenty field/clinical hours. Credit will not be awarded for both ELE 492 and 492S.

**ELE 492S Science in the Elementary Grades P-5. (3) I, II.** Prerequisites: EDF 319, EDF 413 and admission to professional education. Prerequisite or Corequisite: SED 401. Modern materials and methods for teaching science in primary through grade five. Twenty field/clinical hours and a minimum of 15 service-learning hours. Credit will not be awarded for both ELE 492S and ELE 492.

**ELE 493 Social Studies in Elementary Grades P-5. (3) I, II.** Prerequisites: EDF 319, EDF 413 and admission to professional education. Prerequisite or Corequisite: SED 401. Theory, content, and practice of teaching Social Studies in grades P-5. Twenty field/clinical hours.

**ELE 499 Supervised Student Teaching in Primary Through Fifth Grade. (6-12) I, II.** Prerequisites: methods courses and area of specialization. Observation, participation, responsible classroom teaching, and related professional activities including students from two non-consecutive levels in the P-5 range.

**ELE 507 Problems in Elementary Education. (1-3) A.** Prerequisite: advisor/departmental approval. Independent work, special workshops, special topics, or seminar.

**ELE 519 Teaching in the Kindergarten. (3) I, II.** Focuses upon the kindergarten movement, organization, equipment, curriculum, and procedures; leaders and literature of kindergarten education.

Opportunity for observing and participating in kindergarten.

**ELE 541 Survey of Elementary Curriculum Programs.** (3) I, II. For selected majors seeking twelve-grade certification. Explores elementary curriculum, the role of special teachers, problems of individual learners, functions of the entire school-community. Not open to elementary education majors.

**EMC—Emergency Medical Care**  
Ms. Nancye Davis, Coordinator

**EMC 100 Basics of Prehospital Medication Administration.** (1) I, II. Presentation of basic principles of prehospital emergency pharmacological administration, fundamentals of relationships between units of measure. Typical emergency medicine dosages practices.

**EMC 102 First Response Emergency Care.** (3) I, II, A. Initial emergency medical care techniques adhere to U.S. Department of Transportation curriculum for First Responder. Cardiopulmonary resuscitation (CPR) required for course completion. Credit will not be awarded to students who have credit for HEA 202 or HEA 203. 2 Lec/2 Lab.

**EMC 104 Healthcare Basic Life Support.** (1) I, II, A. Basic cardiac life support skills for healthcare student or professional in accord with peer-reviewed American Heart Association (AHA) scientific guidelines. Course completion documentation when AHA requirements met. Maximum 6 enrollments for renewal. 0.25 Lec/0.75 Lab.

**EMC 105 Survey of Medical Terminology.** (1) A. Cross-listed with CHS 105. Independent study, modular design paced by class meetings includes work roots, prefixes, suffixes, and general medical terms. Credit will not be awarded to students who have previously taken CHS 105 and MAS 200.

**EMC 110 Introduction to Emergency Medical Care.** (6) I, II, A. Prerequisite or Corequisite: EMC 104. Prehospital basic life support concepts, skills, and field clinical experience for entry level Emergency Medical Technician-Basic adhering to national curricula. Meets eligibility requirements for state certification and national registration examinations. 3 Lec/6 Lab.

**EMC 115 Basic Clinical/Field Experience.** (2) I, II, A. Prerequisite: departmental approval and Certified EMT-Basic. Minimum of 64 hours supervised hospital emergency department and prehospital emergency care ambulance clinical experience. Preceptor evaluates basic life support knowledge and skills.

**EMC 130 Human Systems for Assessment.** (3) A. Overview of human body and its systems as applied to rapid patient assessment and problem identification. Limited to certified paramedic students only.

**EMC 200 Introduction To Prehospital Advanced Life Support.** (2) II, A. Role and responsibilities of EMT-Paramedic, components of EMS systems, medical/legal considerations, and communications in advanced and basic life support settings.

**EMC 205 Prehospital Management of OB/GYN Emergencies.** (1) I, A. Pathophysiology and advanced level prehospital management of antepartum, parturition, postpartum, and gynecological emergencies. Assessment, care, and transportation of the neonate.

**EMC 212 Crash Victim Auto Extrication.** (1) I, A. Survey of vehicle extrication procedures for emergency medical personnel. Adheres to U.S. Department of Transportation content and objectives. 1 Lec/1 Lab.

**EMC 215 Prehospital Management of Behavioral Emergencies.** (1) I, A. Concepts and management of emotional and psychological emergencies applied to prehospital crisis intervention.

**EMC 225 Introduction to Pharmacology.** (3) I, II, A. Introduction to classification, nature, and uses

of medications. Pharmacological agents utilized in prehospital health care setting emphasized.

**EMC 240 Introduction to Electrocardiography.** (3) I, II, A. Cardiac anatomy, physiology, and electrophysiology related to ECG. Proficient ECG interpretation skills emphasized.

**EMC 270 EMTP: Theory/Practicum I.** (6) A. Prerequisites: EMC 130 and departmental approval. Introduction to prehospital advanced life support delivery systems, medical-legal implications, and prehospital environment. Preparatory theoretical foundation with advanced life support skills progressing to application in hospital clinical settings. Pathophysiology and management of respiratory medical emergencies.

**EMC 275 EMTP: Theory/Practicum II.** (6) A. Prerequisite: EMC 270. Continued patient skills development through hospital assignments with emphasis on emergent medical etiologies involving cardiovascular, endocrine, CNS, gastrointestinal, anaphylaxis, toxicology, infectious diseases, environmental exposure, and obstetrics. Emergencies of special populations include gerontology and pediatrics.

**EMC 280 EMTP: Theory/Practicum III.** (6) A. Prerequisite: EMC 275. Corequisite: EMC 310. Theory and hospital clinical focus on management of mass casualty including vehicular extrication techniques. Final synthesis of theory and practice through minimum of 500 hours field internship with ALS ambulance as assigned by the department.

**EMC 310 Advanced Cardiac Life Support.** (1) A. Prerequisites: EMC 240, EMC 225, and 335; or departmental approval. Management of cardiac resuscitation adhering to cognitive and performance standards of the American Heart Association. AHA ACLS Provider evidence of course completion available. 1 Lec/1 Lab.

**EMC 315 Pediatric Advance Life Support.** (1) A. Assessment, recognition, and intervention for infant or child with cardiopulmonary arrest or shock. Adheres to American Heart Association and Academy of Pediatrics cognitive and performance standards. AHA PALS Provider evidence of course completion available.

**EMC 320 Advanced Life Support: Trauma.** (3) II, A. Prerequisites: EMC 115, 240, BIO 171, 301. Prehospital management of complex patients with multiple systems failure secondary to trauma related pathologies.

**EMC 335 Advanced Life Support: Medical Emergencies I.** (3) I, A. Prerequisites: EMC 240, BIO 171, 301, EMC 115, 225, and department approval. Pathophysiology and advanced level prehospital management of emergencies of the respiratory, cardiovascular, endocrine, nervous, gastrointestinal, genitourinary, and reproductive systems.

**EMC 340 Advanced Life Support: Medical Emergencies II.** (3) II, A. Prerequisite: EMC 335. Pathophysiology and advanced level prehospital management of emergencies involving anaphylaxis, toxicology, alcoholism, drug abuse, infectious diseases, environmental hazards, and pediatric and geriatric patients.

**EMC 342 Advanced Clinical I.** (3) I, A. Corequisite: EMC 335. Integration of basic and advanced life support concepts and psychomotor skills in patient care situations developed through supervised assignments in various hospital settings.

**EMC 349 Applied Learning in Emergency Medical Care.** (1-8) I, II, A. Work in placements related to academic studies. A minimum of 80 hours of employment is required for each semester credit hour.

**EMC 349 A-N Cooperative Study: Emergency Medical Care.** (1-8) I, II, A. Work in placements related to academic studies. A minimum of 80 hours of employment is required for each semester credit hour.

**EMC 352 Advanced Clinical II.** (3) II, A. Prerequisite: EMC 342. Corequisites: EMC 320 and 340. Hospital assignments allow continued development and application of cognitive and

psychomotor skills in critical situations. Autonomous decision-making skills developed under supervision through increased participation in patient care.

**EMC 360 Advanced Field Internship.** (2) A. Prerequisites: EMC 205, 212, 215, 310, 320, and 352. Minimum 120 hours supervised experience on paramedic ambulance. Progresses from advanced emergency care delivery observation to beginning team member responsibilities.

**EMC 362 Advanced Field Internship II.** (4) A. Prerequisite or Corequisite: EMC 360. Continuation of supervised experience on advanced life support ambulance. Assumes team member role with progression to team leader. Minimum advanced internship experience requires 500 hours.

**EMC 380 Advanced Prehospital Theory Medical.** (4) A. Prerequisites: Kentucky Certified EMT-Paramedic and admission to EMC major. Foundation course for paramedic students which focuses on pathophysiological basis for prehospital interventions and management. Includes in-depth history and assessment skills.

**EMC 382 Advanced Prehospital Theory: Trauma.** (4) A. Prerequisites: Kentucky Certified EMT-Paramedic and admission to EMC major. Foundation course for paramedic students which focuses on pathophysiological basis for prehospital interventions and management in trauma settings. Includes in-depth history and assessment skills.

**EMC 400 Emergency Care Systems Management.** (3) I, II, A. EMS systems design and typical agency divisions, including operations, communications, training and customer service. Projects focus on system design, training and efficiency.

**EMC 420 Emergency Services Design and Budget.** (3) A. Prerequisite: departmental approval. Identify and compare issues with staffing, operations, communications, training and mission with various EMS systems models. Develop and revise sample budgets for EMS systems.

**EMC 430 Legal and Ethical Aspects of Emergency Services.** (3) A. Prerequisite: departmental approval. Examine and apply moral and ethical decisions made in emergency services. Issues of diversity, expanded health care settings, aging population, and others will be explored.

**EMC 440 EMS Instruction.** (3) A. Prerequisite: departmental approval. Introduction to the principles involved in EMS adult learning. Roles issues, domains of learning, and instruction models will be emphasized. Organization and planning for the EMS community including diverse learning populations and regulations.

**EMC 450 Disaster Medical Operations.** (3) A. Emergency medical communications, cooperation and support in response to a natural or human-made disaster. Planning, delivery and recovery of medical systems by various local, state and federal agencies and the private sector.

**EMC 480 Topics in Emergency Medicine.** (3) I, II, A. Investigation into the pathophysiology of traumatic and medical emergencies which applies to the latest trends in recognition and management.

**EMC 489 Introduction to Research Methods.** (3) A. Introduction to basic research methods for professionals in emergency services and public agency practitioners and educators. This includes foundational principles of statistical analyses and application, as well as human subjects protections.

**EME—Elementary and Middle Grade**  
Dr. Michael A. Martin, Chair

**EMC 361 Teaching Art P-8.** (3) I. Prerequisites: Major in art. Developmentally appropriate curriculum, materials, and methods for the P-8 Art program. Minimum of 20 field/clinical hours.

**EME 442 Teaching Foreign Language in Grades P-8.** (3) I. Prerequisites: admission to professional education, major in foreign language. Developmentally appropriate curriculum, materials,

and methods for the P-8 foreign language program. Minimum of 20 field/clinical hours.

**EME 465 Teaching Physical Education in P-8. (3) A.** Prerequisites: admission to professional education, PHE 323, major in physical education. Developmentally appropriate materials and methods for teaching P-8 physical education. Minimum of 20 field/clinical hours.

**EME 510 Art in the Curriculum. (3) A.** Elements of the discipline, creativity, aesthetics, theory, philosophy, and instructional facilities. Individual explorations into theory and media.

**EME 551 Linguistics in the Curriculum. (3) A.** Prerequisite: ELE/EMG 445, EME 873, or ELE 871. Investigation of elements in the science of linguistics and their application to communication of students.

**EME 586 Health Education P-8. (3) A.** Prerequisites: admission to professional education, major in school health. Developmentally appropriate curriculum, materials, and methods for the health P-8 program. Minimum of 20 field/clinical hours.

**EME 596 Physical Education for Children and Youth. (3) A.** Comprehensive review of techniques used in teaching physical education in the early elementary and middle grades. Emphasis placed on health evaluation, fitness testing, tumbling, rhythmical, game, and self-testing activities.

#### EMG—Middle Grade Education Dr. Michael A. Martin, Chair

**EMG 430 Middle Grade Curriculum. (3) I.** Prerequisites: admission to professional education, professional education core, EMG 445. An examination of the curriculum and the responsibilities of teaching in the middle grade. Twenty hours field/clinical experience.

**EMG 445 Foundations of Reading/Language Arts. (3) I, II.** Cross listed as ELE 445. Prerequisites: junior standing and 2.75 GPA; EDF 203. Prerequisite/Corequisite: EDF 319. An overview of reading/language arts components 5-9, teacher competencies, organization and planning for instruction. Twenty hours of field/clinical experiences. Credit will not be awarded to students who have credit for ELE 445, EMG 445W or ELE 445W.

**EMG 445W Foundations of Reading/Language Arts. (3) I, II.** Cross listed as ELE 445W. Prerequisites: junior standing and 2.75 GPA, Grade of "C" or higher in ENG 101 and 102, or HON 105; or ENG 105 with a grade of "B" or higher. An overview of reading/language arts components 5-9, teacher competencies, organization and planning for instruction. Twenty hours of field/clinical experiences. Credit will not be awarded to students who have credit for ELE 445W, ELE 445 or EMG 445.

**EMG 447 Reading/Language Arts in the Middle Grades. (3) I.** Prerequisites: EMG 445, EDF 319 and admission to professional education. Prerequisite or Corequisite: EDF 413. The theory, content and practice of teaching reading and language arts in the middle grades utilizing content area materials. Twenty hours field/clinical experiences.

**EMG 491 Mathematics in the Middle Grades. (3) I, A.** Prerequisites: EDF 319 and admission to professional education and mathematics emphasis. Prerequisite or Corequisite: EDF 413. Appropriate materials and methods for teaching mathematics in the middle grades. Twenty hours field/clinical experiences.

**EMG 492 Science in the Middle Grades. (3) I, A.** Prerequisites: EDF 319 and admission to professional education and science emphasis. Prerequisite or Corequisite: EDF 413. Introduces prospective teachers to the modern materials and methods of teaching science in the middle grades. Twenty hours field/clinical experiences.

**EMG 493 Social Studies in the Middle Grades. (3) I, A.** Prerequisites: EDF 319 and admission to professional education and social studies

emphasis. Prerequisite or Corequisite: EDF 413. Appropriate materials and methods for teaching social studies in the middle grades. Twenty hours field/clinical experiences.

**EMG 494 English and Communication in the Middle Grades. (3) I, A.** Prerequisites: EDF 319 and admission to professional education and English emphasis. Prerequisite or Corequisite: EDF 413. Study of effective teaching techniques, strategies and materials for middle grade English/communication skills. Twenty hours field/clinical experiences.

**EMG 494W English and Communication in the Middle Grades. (3) I, A.** Prerequisites: EDF 319 and admission to professional education and English emphasis; Grade of "C" or higher in ENG 101 and 102, or HON 105; or ENG 105 with a grade of "B" or higher. Prerequisite or Corequisite: EDF 413. Study of effective teaching techniques, strategies and materials for middle grade English/communication skills. Twenty hours field/clinical experiences. Credit will not be awarded for both EMG 494 and 494W.

**EMG 499 Supervised Student Teaching in the Middle Grades. (6-12) I, II.** Prerequisites: required professional education courses, areas of emphasis. Observation, participation, responsible classroom teaching, and related professional activities including students at two non-consecutive levels in the middle grades.

**EMG 507 Problems in Middle Grade Education: \_\_\_\_\_. (1-3) A.** Prerequisite: advisor approval. Independent work, workshops, special topics, or seminar. May be retaken to a maximum of six hours under different subtitles.

**EMG 567 Curriculum and Instructional Strategies for Home Economics in the Middle Grades. (3) A.** Prerequisite: certification in home economics. Study of curriculum content, instructional materials, and strategies appropriate for home economics instruction in the middle grades.

**EMG 568 Curriculum and Instructional Strategies for Industrial Education in the Middle Grades. (3) A.** Prerequisite: certification in industrial education. Study of curriculum content, instructional materials, and strategies appropriate for industrial arts education instruction in the middle grades.

#### EMS—Elementary, Middle Grade, and Secondary Education Dr. Michael A. Martin, Chair

**EMS 499 Supervised Student Teaching P-12. (12) I, II.** Prerequisites: admission to student teaching, EME and ESE special methods classes. Corequisite: ESE 490. Observation, participation and responsible classroom teaching with related professional activities to be demonstrated in two of the following school levels: elementary, middle and high.

**EMS 575 Methods and Materials for Teaching English as a Second Language. (3) A.** The study of effective methods of Teaching English as a Second Language (TESL). Thirty hours of field experiences are required.

#### ENG—English and Theatre Dr. James Keller, Chair

**ENG 080 Academic Reading and Writing I. (3) A.** This course emphasizes integration of skills and strategies for academic reading and writing, including comprehension, vocabulary, fluency and development, and the conventions of academic texts. Taken by referral only. 3 Lec/2 Lab.

**ENG 085 Academic Reading and Writing II. (3) A.** This course emphasizes integration of skills and strategies for academic reading and writing, including reading critically, writing analytically, and reading and writing to learn. Taken by referral only. 3 Lec/2 Lab.

**ENG 090 Basic Writing. (3) I, II.** Focuses on academic writing. Provides strategies for improving content, organization, voice, reading to write, and

editing from sentences to essays. Exit exam required. ACT English subscore 14 or lower.

**ENG 095 Developmental Composition. (3) I, II.** Prerequisite: ENG 090 or ACT English subscore of 15-17. Focuses on academic writing. Provides strategies for improving content, organization, voice, reading to write, and editing in analytical essays and reports. Exit exam required.

**ENG 099 Intensive Writing Review. (3) A.** An intensive review of writing skills with special emphasis on audience analysis, invention of ideas, composing, writing, and editing strategies for the production of a substantial portfolio. Taken only by recommendation of college dean. Institutional credit when exit level attained; cannot be used for graduation.

**ENG 100 English for Non-Native Speakers. (3) A.** Review and practice of English for non-native speakers. Review of English grammar with intensive practice of academic language skills in listening, speaking, reading, and writing. Required of non-native speakers on basis of department placement exam. 2 Lec/2 Lab.

**ENG 101 English Composition I. (3) I, II.** A writing course reviewing sentence basics and methods of development; emphasizing style, organization, coherence, and persuasion in written discourse; extensive practice in composition for different purposes and audiences; study and practice to improve reading. Entrance exam required. Gen. Ed. IA [WC].

**ENG 102 English Composition II. (3) I, II.** Prerequisite: ENG 101 (or equivalent). A writing course reviewing components of ENG 101 and refining general composition skills; emphasis on expository and argumentative writing, including researched, documented papers and reports; study of research sources and methods, with emphasis on analytical reading. Gen. Ed. IB [WC].

**ENG 105 First Year Writing Seminar. (3, 6) I, II.** Prerequisite: ACT English subscore of 28 or SAT verbal score of 660 or above. Advanced writing course, reviewing fundamentals and emphasizing practice writing essays and reports, including researched, documented writing; practice to improve reading and speaking. Proficiency exam required. Students graded "A" or "B" will receive six hours credit for ENG 105; students with "C" or "D" will receive three hours credit for ENG 105 and must take ENG 102. Gen. Ed. IA (IB) [WC].

**ENG 106 Writing Workshop: \_\_\_\_\_. (1) I, II.** Prerequisite: ENG 101, 105, or departmental approval. A course intended to develop writing abilities through practice in writing processes for varied topics; reading and discussion of rhetoric, grammar, etc. appropriate for the selected topic. Primarily individualized instruction in workshop conditions. May be retaken with different topics to a maximum of three credit hours.

**ENG 200 Topics in English: \_\_\_\_\_. (1-3) A.** Prerequisite: ENG 102 or 105 or HON 102. Introduction to areas of literature, writing, and language use through selected topics. Designed primarily for non-English majors; may be retaken with different topics to a maximum of six hours.

**ENG 210 Enjoying Literature. (3) I, II.** Prerequisite: ENG 102 or 105 or HON 102. Understanding and enjoying the distinctive aesthetic qualities, forms and meanings of literary works within ethical and cultural contexts. Gen. Ed. IIIB or VII (AH). Credit will not be awarded for both ENG 210 and 210W. [AH].

**ENG 210W Enjoying Literature. (3) I, II.** Prerequisite: ENG 102 or 105 (B) or HON 102. Understanding and enjoying the distinctive aesthetic qualities, forms and meanings of literary works within ethical and cultural contexts. Gen. Ed. IIIB or VII (AH). [AH]. Credit will not be awarded for both ENG 210 and 210W.

**ENG 211 Survey of World Literature I. (3) I, II.** Prerequisite: ENG 102 or 105 or HON 102. Selected readings from masterpieces of world literature from ancient times through the Renaissance. Gen. Ed.



IIIB or VII (AH). [AH]. Credit will not be awarded for both ENG 211 and 211W.

**ENG 211W Survey of World Literature I. (3) I, II.** Prerequisite: ENG 102 or 105(B) or HON 102. Selected readings from masterpieces of world literature from ancient times through the Renaissance. Gen. Ed. IIIB or VII (AH). [AH]. Credit will not be awarded for both ENG 211 and 211W.

**ENG 212 Survey of World Literature II. (3) I, II.** Prerequisite: ENG 102 or 105 or HON 102. Selected readings from masterpieces of world literature from the 17th century to the present. Gen. Ed. IIIB or VII (AH). [AH]. Credit will not be awarded for both ENG 212 and 212W.

**ENG 212W World Literature II. (3) I, II.** Prerequisite: ENG 102 or 105 (B) or HON 102. Selected readings from masterpieces of world literature from the 17th century to the present. Gen. Ed. IIIB or VII (AH). [AH]. Credit will not be awarded for both ENG 212 and 212W.

**ENG 242 Introduction to a Genre: \_\_\_\_\_.** (2) A. Prerequisite: ENG 102 or 105 or HON 102. Readings in either the novel, poetry, or short story; special emphasis on understanding and enjoying the literature. Designed primarily for non-English majors; may be retaken with different topics to a maximum of six hours.

**ENG 300 Introduction to Technical and Professional Writing. (3) A.** Prerequisite: ENG 102 or 105 or HON 102. Introductory course in principles of effective writing for professions and technical fields. Experience in writing with technology for various purposes and audiences relevant to students' career interests. Special sections arranged in cooperation with professional programs.

**ENG 301 Advanced Composition. (3) I, II.** Prerequisites: ENG 102 or 105 or HON 102. Refinement of writing skills; application of rhetoric in expository and argumentative writings; planning and writing a research paper.

**ENG 302 Principles of Literary Study. (3) I, II.** Prerequisite: ENG 102 or 105 or HON 102. Introduction to the genres of poetry, short fiction, and drama, as well as to the traditional literary devices, the major critical approaches, and several bibliographical tools.

**ENG 303 Advanced Composition for Teachers. (3) I, II.** Prerequisites: ENG 101 and 102 (or 105). Develops students as writers and as teachers of writing through experiences in writing workshop, portfolio assessment, teaching strategies for writing, and career-oriented inquiry in theoretical context. Credit will not be awarded for both ENG 303 and ENG 301.

**ENG 306 Introduction to Creative Writing. (3) A.** Prerequisite: ENG 102 or 105 or HON 102. Introduction to fundamentals of short story, poetry, play, or personal essay writing.

**ENG 308 Autobiographical Literature. (3) A.** Prerequisite: ENG 102 or 105 or HON 102. Discussion of American, British, Continental, and non-Western autobiographies and modern theories of autobiographical writing.

**ENG 334 Modern Poetry. (3) A.** Prerequisite: ENG 102 or 105 or HON 102. Survey of representative British and American poets from Hopkins and Dickinson to the present.

**ENG 335 Modern Drama. (3) A.** Prerequisite: ENG 102 or 105 or HON 102. Study of representative Continental, British, and American plays from Ibsen to the present. Gen. Ed. IIIA or VII (AH) [AH].

**ENG 337 Biblical Narrative and Verse. (3) A.** Prerequisite: ENG 102 or 105 or HON 102. Study of selected narratives and verse from the Old Testament, Apocrypha, and New Testament from distinctly literary perspectives.

**ENG 340 Mythology. (3) A.** Prerequisite: ENG 102 or 105 or HON 102. Study of selected myths through historical, psychological, and literary approaches.

**ENG 343 Science Fiction. (3) A.** Prerequisite: ENG 102 or 105 or HON 102. A survey of science fiction from Mary Shelley to the present.

**ENG 344 Mystery and Detective Fiction. (3) A.** Prerequisite: ENG 102 or 105 or HON 102. History of mystery and detective fiction. Study of the genre's basic characteristics as well as its cultural ramifications.

**ENG 345 Literature and Film. (3) A.** Cross listed as COM 345. Prerequisite: ENG 102 or 105 or HON 102. An examination of the relationship between film and literature through a comparative study of the stylistic and technical elements of the two media. Credit will not be awarded for both ENG 345 and COM 345.

**ENG 347 Special Studies in English: \_\_\_\_\_.** (3) A. Prerequisite: ENG 102 or 105 or HON 102. Specialized study of selected topics not available in more traditional course offerings. Designed primarily for English majors/minors. May be retaken with different topics to a maximum of six hours.

**ENG 349 Applied Learning in English. (1-8) A.** Prerequisite: departmental approval. Work in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate; sixteen, baccalaureate. A minimum of 80 hours employment required for each semester hour credit.

**ENG 349 A-N Cooperative Study: English. (1-8) A.** Prerequisite: departmental approval. Work in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate; sixteen, baccalaureate. A minimum of 80 hours employment required for each semester hour credit.

**ENG 350 American Literature I. (3) I, II.** Prerequisite: ENG 102 or 105 or HON 102. A study of selected works by representative authors reflecting the chronological development of American literature from its beginnings to 1865.

**ENG 351 American Literature II. (3) I, II.** Prerequisite: ENG 102 or 105 or HON 102. A study of selected works by representative authors reflecting the chronological development of American literature from 1865 to the present. Credit will not be awarded for both ENG 351 and ENG 351W.

**ENG 351W American Literature II. (3) I, II.** Prerequisite: ENG 102 or 105 (B) or HON 102. A study of selected works by representative authors reflecting the chronological development of American literature from 1865 to the present. Credit will not be awarded for both ENG 351W and ENG 351.

**ENG 352 English Literature I. (3) I.** Prerequisite: ENG 102 or 105 or HON 102. A study of selected works by representative authors reflecting the chronological development of English literature from its beginnings through the eighteenth century.

**ENG 353 English Literature II. (3) II.** Prerequisite: ENG 102 or 105(B) or HON 102. A study of selected works by representative authors reflecting the chronological development of English literature from the Romantic period to the present. Credit will not be awarded for both ENG 353 and 353W.

**ENG 353W English Literature II. (3) I, II.** Prerequisite: ENG 102 or 105(B) or HON 102. A study of selected works by representative authors reflecting the chronological development of English literature from the Romantic period to the present. Credit will not be awarded for both ENG 353W and ENG 353.

**ENG 359 Kentucky Literature. (3) A.** Prerequisite: ENG 102 or 105 or HON 102. Study of Kentucky's literary tradition from its beginning to the present; emphasis on Elizabeth Madox Roberts, Allen Tate, Harriet Arnow, and Robert Penn Warren.

**ENG 360 Literatures of Africa. (3) A.** Cross listed as AFA 360. Prerequisite: ENG 102, 105 (B), or HON 102. Survey of the genres and components of African literature, oral and written; study of how key concepts in African thought, culture and experiences are reflected in the literatures composed by writers from Africa or of African origin.

Credit will not be awarded for both ENG 360 and AFA 360.

**ENG 361 African-American Literature. (3) A.** Cross listed as AFA 361. Prerequisite: ENG 102, 105 (B), or HON 102. Survey of selected works of African-American literary traditions. Credit will not be awarded to students who have credit for AFA 361 or ENG 342.

**ENG 362 North American Native Literature. (3) A.** Prerequisite: ENG 102, 105 (B), or HON 102. A study of representative literature written by North American Native authors.

**ENG 363 Latin American/Latino Literature. (3) A.** Prerequisites: ENG 102 or 105 (B) or HON 102. Survey of Latin American literature in translation and selected works by Latina/o writers.

**ENG 364 Women's Literature. (3) A.** Cross listed as WGS 364. Prerequisite: ENG 102 or 105 (B) or HON 102. Study of selected literature by women writers from varying cultures, genres, and periods. Credits will not be awarded to students who have credit for WGS 364 or ENG 535.

**ENG 365 Appalachian Literature. (3) I.** Cross listed as APP 365. Prerequisite: ENG 102 or 105 or HON 102. Study of selected major Appalachian literature, with emphasis on twentieth-century writers such as Agee, Arnow, Chappell, Dykeman, Miller, Norman, Roberts, Smith, Still, and Wolfe. Credit will not be awarded for both ENG 365 and APP 365.

**ENG 366 Queer Theory and Literatures. (3) A.** Prerequisite: ENG 102 or 105 (B) or HON 102. Examination of trends in Queer Theory; study of major contributors to the field such as Foucault, Butler, and Sedgwick; application of theoretical models to literary and cinematic texts.

**ENG 374 Shakespeare at War. (3) A.** Prerequisite: ENG 102 or 105 (B) or HON 102. An exploration of the causes and consequences of war in a selection of Shakespeare's plays. Students will also examine how political power is gained, kept, and lost through warfare in these plays.

**ENG 375 Shakespeare at War. (3) A.** Prerequisite: ENG 102 or 105 (B) or HON 102. An exploration of the causes and consequences of war in a selection of Shakespeare's plays. Students will also examine how political power is gained, kept, and lost through warfare in these plays.

**ENG 386W War & Peace in Lit Since 1900. (3) A.** Prerequisite: ENG 102 or ENG 105(B) or HON 102. An exploration of themes of war and peace in literature since 1900, structured chronologically, beginning with World War I and moving into the contemporary world. Gen. Ed. VIII.

**ENG 400 Advanced Technical Writing and Document Production. (3) A.** Prerequisites: ENG 102 or 105 or HON 102; ENG 300. Advanced in technical communication. Emphasis on theories of technical writing and writing with technology, document development using electronic literacies.

**ENG 402 Critical Theory & Research Methods. (3) A.** Prerequisites: ENG 301, 302. Introduction to literary/critical theory with an historical framework, and to research methods for the academic professional. Particularly recommended for students planning to go on to graduate school.

**ENG 405 Introduction to Composition Studies. (3) A.** Prerequisites: ENG 102 or 105 or HON 102; ENG 301. An introductory course surveying theories of composition and applying these theories to the instruction of composition.

**ENG 406 Topics in Creative Writing: \_\_\_\_\_.** (3) A. Prerequisites: ENG 301, 306. Specialized study of a selected genre (e.g., poetry, short story, screenplay) or approach to creative writing. Theory and practice. May be retaken to a maximum of nine hours provided each topic is different.

**ENG 407 Poetry Writing Workshop. (3) A.** Prerequisite: ENG 306. Advanced study in the techniques of writing poetry.

**ENG 408 Advanced Fiction Workshop. (3) A.** Prerequisite: ENG 306. Advanced writing workshop in fiction, with supplementary reading in

genre. Weekly writing and critiques of student work. Analysis of the writing market.

**ENG 409 Creative Nonfiction Workshop.** (3) A. Prerequisite: ENG 306 or departmental approval. Theory, models, and advanced practice in such areas as autobiographical writing, the personal essay, "on assignment" research projects, and interviewing techniques.

**ENG 410 Grammar, Traditional and Modern.** (3) A. Prerequisite: ENG 102 or 105 or HON 102. Grammatical structure of American English and present-day terminology used to describe that structure; analysis of the linguistic and grammatical theories underlying contemporary grammar texts.

**ENG 420 Stylistics, Editing, Publishing.** (3) A. Prerequisite: ENG 301. Development of prose style through analysis, practice, and editing. Fundamentals of online and hard-copy publishing, including surveying the markets, and preparing and submitting manuscripts.

**ENG 430 Dramatic Literature.** (3) A. Cross listed as THE 430. Prerequisites: ENG 102 or 105 or HON 102; ENG 301, 302; or departmental approval. Survey of the major periods and genres of world dramatic literature, from the Greeks to the present; selected readings from the major playwrights, critics, and theorists. Credit will not be awarded for both ENG 430 and THE 430.

**ENG 440 Young Adult Literature.** (3) A. Prerequisites: ENG 301, 302; or departmental approval. A survey of literature for young adults intended for Secondary English Teaching majors. Critical approaches will be applied to contemporary and significant early texts. Pedagogical approaches will be modeled.

**ENG 452 American Romanticism.** (3) A. Prerequisites: ENG 102 or 105 or HON 102; ENG 301, 302; or departmental approval. A study of the 19th century Romantic movement, concentrating on selected major authors through Whitman.

**ENG 454 American Realism.** (3) A. Prerequisites: ENG 102 or 105 or HON 102; ENG 301, 302; or departmental approval. A study of the American Realistic movement from the late nineteenth century through the 20th century, concentrating upon selected major authors from Twain to the present.

**ENG 455 American Fiction Since 1900.** (3) A. Prerequisites: ENG 102 or 105 or HON 102; ENG 301, 302; or departmental approval. Survey of representative American novels and short stories of the twentieth and twenty-first centuries.

**ENG 470 Chaucer and His Age.** (3) A. Prerequisites: ENG 102 or 105 or HON 102; ENG 301, 302; or departmental approval. A study of selections from Chaucer, the Pearl poet, Langland, Malory, medieval drama, and lyrics.

**ENG 472 Renaissance Literature.** (3) A. Prerequisites: ENG 102 or 105 or HON 102; ENG 301, 302; or departmental approval. A study of Tudor poetry and prose and Elizabethan and early Stuart drama, exclusive of Shakespeare.

**ENG 474 Shakespeare.** (3) A. Prerequisites: ENG 102 or 105 or HON 102; ENG 301, 302; or departmental approval. Study of Elizabethan England as a background for Shakespeare's works; extensive reading of several plays; intensive reading of selected drama and poetry.

**ENG 476 Milton and His Age.** (3) A. Prerequisites: ENG 102 or 105 or HON 102; ENG 301, 302; or departmental approval. A study of Milton's works, Cavalier and Metaphysical Poetry, the masque, and prose of the period.

**ENG 478 Literature of the Restoration and Eighteenth Century.** (3) A. Prerequisites: ENG 102 or 105 or HON 102; ENG 301, 302; or departmental approval. British poetry, prose, and drama of the Restoration and 18th century with emphasis on Dryden, Swift, Pope, and Johnson.

**ENG 480 Romantic Literature.** (3) A. Prerequisites: ENG 102 or 105 or HON 102; ENG 301, 302; or departmental approval. Survey of British

poetry, essays, and fiction of the Romantic period.

**ENG 482 Victorian Literature.** (3) A. Prerequisites: ENG 102 or 105 or HON 102; ENG 301, 302; or departmental approval. Survey of British poetry, essays, and fiction of the Victorian period.

**ENG 485 British Fiction Since 1900.** (3) A. Prerequisites: ENG 102 or 105 or HON 102; ENG 301, 302; or departmental approval. Survey of representative British novels and short stories of the twentieth and twenty-first centuries.

**ENG 490 Creative Writing Capstone.** (3) I, II. Prerequisite: departmental approval. Portfolio creation, assessment, and career guidance.

**ENG 491 Technical Writing Capstone.** (3) I, II. Prerequisites: ENG 300 and junior status. Provides professional technical writing experience by placing students in appropriate positions with area businesses and industries.

**ENG 492 English Literature Capstone.** (3) A. Prerequisites: senior status. A review of literary figures, periods, and concepts. Study of techniques of literary criticism and/or theory, Major revision of an analytical paper. Discussion of graduate school and career options in the major.

**ENG 495 Independent Study.** (1-3) A. Prerequisites: ENG 102 or 105 or HON 102; ENG 301, 302; or departmental approval. Individual study and/or research on a problem pertaining to literature or language. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

**ENG 499 Senior Capstone Experience.** (1) A. Prerequisites: senior status and departmental approval. A service learning project within the University community for all English majors, involving planning and participating in the Association of English Majors Annual Conference, and reflecting on that professional experience.

**ENG 500 Topics in Professional Writing:** \_\_\_\_\_. (3) A. Prerequisites: ENG 102 or 105 or HON 102; ENG 301, 302, and one additional ENG course; or departmental approval. Study and practice in selected areas of professional writing. May be retaken with different topics to a maximum of six hours. If subtopic is "Writing for the Popular Media," no credit to students with JOU 480.

**ENG 502 Advanced Creative Writing.** (3) A. Prerequisites: ENG 102 or 105 or HON 102; ENG 301, and departmental approval. Open to students who desire to have their manuscripts criticized; fiction, drama, poetry, biography, or the informal essay accepted; guest lectures and discussion with writers in residence.

**ENG 503 Creative Writing Workshop.** (1) A. Prerequisites: ENG 101 and 102 (or 105), 301, and departmental approval. One week course of lectures and discussions by faculty and visiting lecturers. Each student must submit a short story, a one-act play, four poems, or equivalent. May be retaken for a maximum of three hours.

**ENG 504 Creative Writing Mentorship.** (2) SUMMER ONLY. Prerequisite/Corequisite: ENG 503. Corresponding with instructor online and in conference, students will continue to develop projects begun in ENG 503.

**ENG 510 Introduction to Linguistic Theory.** (3) A. Prerequisites: ENG 102 or 105 or HON 102, and one additional ENG course. An introduction to current linguistic theory and practice.

**ENG 515 English as a Second Language.** (3) A. Prerequisites: ENG 102 or 105 or HON 102, and one additional ENG course. Study of theories advanced to explain the learning of English as a second language.

**ENG 520 History of the English Language.** (3) A. Prerequisites: ENG 102 or 105 or HON 102, and one additional ENG course. Study of the history of the English language in terms of social, historical, and linguistic forces from which it developed into modern English.

**ENG 530 Topics in a Genre:** \_\_\_\_\_. (3) A. Prerequisites: ENG 102 or 105 or HON 102; ENG

301, 302, and one additional literature course; or departmental approval. Study of a designated literary genre, such as the novel, epic poetry, classical drama, or a popular literature genre. May be retaken with different topics to a maximum of six hours.

**ENG 550 Topics in Literature:** \_\_\_\_\_. (3) A. Prerequisites: ENG 102 or 105 or HON 102, ENG 301, 302, and one additional literature course. An intensive study of a particular aspect of literature such as a theme, a movement, or contemporary directions/experiments. May be retaken with a different topic to a maximum of six hours.

**ENR—Learning Skills**  
**Dr. James Keller, Chair**

**ENR 090 Developmental Reading I.** (3) I, II. Focuses on improving reading skills by developing vocabulary and active reading strategies such as previewing, organizing information, and identifying main ideas and supporting details. ACT reading subscore 14 or lower.

**ENR 095 Developmental Reading II.** (3) I, II. Prerequisite: ENR 090 or ACT reading subscore 15-17. Focuses on developing comprehension skills. Systematic methods for learning college-level vocabulary, analyzing structure and ideas of written materials, and developing critical reading skills.

**ENR 112 Academic Literacy and Learning.** (3) I, II. Prerequisite: completion of all ENR developmental requirements and 59 hours or fewer. Provides practice in critical reading of arts and humanities texts. Students examine ways that writers express culturally relevant themes and concepts in various genres. Emphasis on strategic reading, writing, and learning practices. Gen. Ed. VII (AH).

**ENR 115 Learning Dynamics.** (1) I, II. Five-week course concentrates on learning techniques for efficient and effective study of college reading materials. Emphasis on learning, storing, and retrieving information. Credit will not be awarded for both ENR 115 and ENR 112.

**ENR 116 Strategies for College Reading.** (1) I, II. Prerequisites: ACT reading sub-score 18 or higher or ENR 095 or equivalent. Registration restricted to Freshmen and Sophomores. Five-week course concentrates on developing reading comprehension, analysis, rate, and vocabulary in various disciplines.

**ENR 201 Vocabulary Development.** (2) I, II. Mastery of wide range college-level vocabulary for reading, writing, speaking, and listening. Instructions in using context and Greek and Latin elements to unlock meaning. Includes practice in solving verbal analogies.

**ENR 205 Topics in Reading:** \_\_\_\_\_. (1-3) A. Instruction focused on specific areas of reading and studying through selected topics.

**ESE—Secondary Education**  
**Dr. Michael A. Martin, Chair**

**ESE 307 Clinical Experiences for Teachers.** (1-3) A. Prerequisite: departmental approval. Provides clinical experiences such as observations, participation, and tutoring for prospective teachers in locations such as the learning lab. May be retaken to a maximum of six hours.

**ESE 378 Teaching Music in Grades P-8.** (3) I. Prerequisites: admission to professional education, major in music. Developmentally appropriate materials and methods for teaching P-8 music. Minimum of 20 field/clinical hours.

**ESE 490 Secondary Curriculum, Classroom Organization, and Management.** (3) II. Prerequisites: education core, special methods course, admission to student teaching. Emphasis on questions and problems encountered in secondary teaching including classroom management, state and national curriculum trends, and legal issues. Minimum 10 field/clinical hours.

**ESE 499 Supervised Student Teaching in the Secondary School. (12) I, II.** Prerequisites: education core, appropriate special methods course, admission to student teaching. Corequisite: ESE 490. Observation, participation, responsible classroom teaching including related professional activities.

**ESE 507 Problems in Secondary Education. (1-3) A.** Prerequisite: advisor/departmental approval. Independent work, special workshops, special topics, or seminars.

**ESE 540 Teaching Art in the Secondary P-12 Schools. (3) I.** Prerequisites: EDF 319, admission to professional education. Pre/Corequisites: EDF 413, SED 401. Developmentally appropriate materials and methods for teaching art in the secondary schools grades P-12. Minimum of 40 field/clinical hours.

**ESE 543 Teaching of Language Arts in the Secondary School. (3) I.** Prerequisites: EDF 319, admission to professional education. Pre/Corequisites: EDF 413, SED 401. Developmentally appropriate materials and methods for teaching language arts in secondary schools. Minimum of 40 field/clinical hours.

**ESE 549 Teaching Social Studies in the Secondary School. (3) I.** Prerequisites: EDF 319, admission to professional education. Pre/Corequisites: EDF 413, SED 401. Developmentally appropriate materials and methods for teaching social sciences in the secondary school. Minimum of 40 field/clinical hours.

**ESE 550 Teaching Mathematics in the Secondary School. (3) I.** Cross-listed as MAE 550. Prerequisites: EDF 319, admission to professional education. Pre/Corequisites: EDF 413, SED 401. Developmentally appropriate materials and methods for teaching mathematics and computer science in secondary schools. Minimum of 40 field/clinical hours. Credit will not be awarded for both ESE 550 and MAE 550.

**ESE 552 Teaching of Career and Technical Education in Middle and Secondary Schools. (3) I.** Prerequisites: EDF 103, 203, or TTE 261, EDF 319, admission to professional education. Pre/Corequisites: CTE 363, EDF 413, SED 401. Developmentally appropriate materials and methods for teaching technology and career and technical education in the middle and secondary schools. Minimum of 40 field/clinical hours.

**ESE 553 Family and Consumer Sciences Education Curriculum. (4) I.** Prerequisites: admission to professional education, education core, family and consumer sciences education major. Current curricular trends and methodology for teaching FCS in middle/secondary grades. Program philosophy, legislation, curriculum and assessment. Minimum of 40 field/clinical hours.

**ESE 561 Teaching Science in the Secondary School. (3) I.** Prerequisites: EDF 319, admission to professional education. Pre/Corequisites: EDF 413 and SED 401. Developmental appropriate materials and methods for teaching science in secondary schools. Minimum of 40 field/clinical hours.

**ESE 566 Teaching of Physical Education in the Secondary School. (3) I, II.** Prerequisites: EDF 319, admission to professional education. Pre/Corequisites: EDF 413, SED 401. Developmentally appropriate materials and methods for teaching physical education in secondary schools. Minimum of 40 field/clinical hours.

**ESE 573 Teaching Business in Middle and Secondary Schools. (3) I.** Prerequisites: EDF 319, admission to professional education. Pre/Corequisites: EDF 413, SED 401. Developmentally appropriate materials and methods for teaching business education. Minimum of 40 field/clinical hours.

**ESE 574 Teaching Reading in the Secondary School. (3) A.** Prerequisites: education core and admission to professional education. Emphasis on developmental and content area reading skills, appraisal of reading abilities, appropriate

materials, assessment, and organization of secondary reading programs.

**ESE 579 Music Education: Principles and Practices. (3) I.** Prerequisite: EDF 378. Acquaints students with a balanced vocal and instrumental music education curriculum in the secondary school. Emphasis on understanding and planning a developmental sequence to assure the musical growth of students 8-12. Minimum of 20 field/clinical hours.

**ESE 587 Teaching of Health Education in the Secondary School. (3) I.** Prerequisites: EDF 319, admission to professional education. Pre/Corequisites: EDF 413, SED 401. Developmentally appropriate materials and methods for teaching health education in secondary schools. Minimum of 40 field/clinical hours.

#### **FCC—Foreign Culture and Civilization Dr. Ezra Engling, Chair**

**FCC 210 Topics in Culture: \_\_\_\_\_.**  
(3) A. May be retaken to a maximum of 6 hours if topic is different. Introduction to the unique values and traditions of a major African, Asian, Hispanic, or European culture as reflected in its aesthetic, intellectual, and other cultural achievements. Taught in English. Gen. Ed. IIIB or VII (AH). [AH].

**FCC 220 French Culture and Civilization. (3) A.** Introduction to the unique values and traditions of the French nation and of French-speaking peoples as reflected in their aesthetic, intellectual, and other cultural achievements. Taught in English. Gen. Ed. IIIB or VII (AH). [AH].

**FCC 222 German Culture and Civilization. (3) A.** Introduction to the unique values and traditions of the German peoples as reflected in their aesthetic, intellectual, and other cultural achievements. Taught in English. Gen. Ed. IIIB or VII (AH). [AH].

**FCC 226 Hispanic Culture and Civilization (3) A.** Introduction to the unique values and traditions of the Hispanic nations as reflected in their aesthetic, intellectual, and other cultural achievements. Taught in English. Gen. Ed. IIIB or VII (AH). [AH].

**FCC 227 Japanese Culture and Civilization. (3) A.** Introduction to the unique values and traditions of the Japanese as reflected in their aesthetic, intellectual, and other cultural achievements. Taught in English. Gen. Ed. IIIB or VII (AH). [AH].

#### **FCS—Family and Consumer Sciences Dr. Diane Leggett, Chair**

**FCS 303 Dissemination of Family and Consumer Sciences Information. (3) A.** Dissemination of information for clientele in the field of family and consumer sciences. Selection and utilization of resource materials including electronic information technology.

**FCS 320 Family Housing and Design. (3) I.** Introduction to housing and its relationship to human needs. Historical, governmental and current issues influencing housing consumption of individuals and families. Design considerations emphasized include principles and elements, architecture, furniture, and space planning.

**FCS 330 Field Experience. (1-8) A.** Prerequisites: department approval and 2.0 cumulative GPA. Supervised work experience in department approved organization. A minimum of 80 hours work required for each academic credit. Options may be taken to a maximum of 8 hours.

- 330A Field Experience in ADM
- 330B Field Experience in CDF
- 330C Field Experience in FCS
- 330D Field Experience in NFA

**FCS 349 Applied Learning in Family and Consumer Sciences. (1-8) A.** Prerequisite: department approval. Work under faculty and field supervisors in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate; sixteen, baccalaureate. A minimum of

80 hours work required for each academic credit.

**FCS 349 A-N Cooperative Study: Family and Consumer Sciences. (1-8) A.** Prerequisite: department approval. Work under faculty and field supervisors in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate; sixteen, baccalaureate. A minimum of 80 hours work required for each academic credit.

**FCS 400W Ethics and Advocacy in Family and Consumer Sciences. (3) I, II.** Prerequisites: CDF 132 and 12 additional hours in the department. History and principles of the profession of Family and Consumer Sciences. Course emphasizes the interdisciplinary nature of the field and its commitment to public policy activism to benefit individuals and families.

**FCS 550 Family and Consumer Sciences Topics. (1-3) A.** Selected topics in Family and Consumer Sciences. May be retaken to a maximum of six hours provided topics vary.

#### **FIN—Finance Dr. Oliver Feltus, Chair**

##### **FIN 201 Personal Money Management.**

(3) I, II. A consumer approach to insurance, family budgeting, income taxes, elementary investment principles, and estate planning. Credit will not be awarded for both FIN 201 and FRM 352.

**FIN 300 Business Finance I. (3) I, II.** Prerequisites: ACC 201, 202, ECO 230, QMB 200, with a grade of "C-" or better in each course; junior standing (a minimum of 60 hours) and an overall minimum 2.0 GPA. Financial principles with applications to business organizations. Includes firm financial motives, time value of money, risk analysis, elementary capital budgeting, residual dividend policy, elementary capital structure decisions, analysis of financial statements, and international financial considerations.

**FIN 301 Corporate Finance. (3) I, II.** Prerequisites: FIN 300 and QMB 240 (or MGT 340 or MAT 211) with a "C" or better. An in-depth exploration of capital structure (including dividend policy) decisions, working capital management, financial forecasting and planning, the agency problem and its implication for security markets and firm valuation, financial market efficiency.

**FIN 302 Small Business Finance. (3) A.** Prerequisite or Corequisite: FIN 301. Equity, debt and venture capital markets for small businesses are examined. Also systems for financial statement generation and internal controls, sources and uses of funds forecasting, short-term asset and liability management, and capital structure decisions are explored. A small firm valuation project will be completed.

**FIN 304 Financial Institutions. (3) I, II.** Prerequisite: FIN 300. A survey of the evolution of financial institutions, including the impact of regulation and deregulation.

**FIN 310 Entrepreneurial Finance. (3) I, II.** Selection of business form, tax planning, financing and cash flow planning; motivating and retaining employees; compensation planning; debt and equity financing; legal, tax and behavioral considerations.

**FIN 311 Personal Financial Planning. (3) I, II.** Prerequisite: FIN 201 or 310. Time value of money applications; personal financial statements development and assessment; cash flow and debt management; asset acquisition; education planning; planning elements of risk management; investment planning; and retirement planning.

**FIN 324 Principles of Investments. (3) A.** Prerequisite: FIN 300 or FIN 201 or FIN 310 with a "C" or better. Analysis of the characteristics, valuation, and tax implications of various investments such as common and preferred stock; corporate, federal and municipal debt; mutual funds; money market accounts; options and futures. Explores methods of trading securities.

**FIN 330 Principles of International Finance.** (3) A. Prerequisite: FIN 300 with a "C" or better. Financial decision-making processes of multinational corporations; flow of funds; exchange rate determination and forecasting; currency futures and options; international arbitrage; measurement and management of exchange rate exposure; multinational capital budgeting; analysis of country risk.

**FIN 349 Applied Learning in Finance.** (1-8) A. Prerequisites: minimum GPA of 2.25 and 60 credit hours. Co-op Coordinator approval is required. Approved work experience directly related to academic major and/or career goals. Minimum of 80 hours work for each credit hour. May be repeated for a total of 16 credit hours.

**FIN 349 A-N Cooperative Study: Finance.** (1-8) A. Prerequisites: minimum GPA of 2.25 and 60 credit hours. Co-op Coordinator approval is required. Approved work experience directly related to academic major and/or career goals. Minimum of 80 hours work for each credit hour. May be repeated for a total of 16 credit hours.

**FIN 350 Intermediate Finance.** (3) I, II. Prerequisite or Corequisite: FIN 301, QMB 300. The agency problem associated with the separation between owners and managers and its implication for security markets and firm valuation are explored. Also risk analysis and the valuation of derivative securities and financial market efficiency is explored in depth.

**FIN 390S Community Financial Literacy.** (3) A. Pre-requisites: FIN 201, 310, and 311 with a grade of C or better in each course. Application of financial planning for community members; teaching financial literacy to EKU's service areas and surrounding communities.

**FIN 401 Advanced Managerial Finance.** (3) A. Prerequisites: FIN 301 and QMB 300 with a "C" or better. Case study oriented exploration of working capital management, capital budgeting, expansion, distress, and reorganization are explored in the context of equity value maximization.

**FIN 405 Advanced Financial Institutions.** (3) A. Prerequisite: FIN 301 and QMB 300 with a grade of "C" or better. A case oriented course focusing in detail on the management of financial institutions, money and capital markets, interest rate theory, financial derivatives and international topics related to financial markets and institutions.

**FIN 410 Financial Analysis and Valuation.** (3) A. Prerequisites: CCT 300W, FIN 300 and ECO 320 with "C" or better; or ACC 302 with "B" or better and departmental approval. Exploration of discounted residual earnings as basis for valuation; sources of value creation; methods of forecasting future financial statements. Students are required to produce analyst report for a public company.

**FIN 420 Investment and Portfolio Theory.** (3) II. Prerequisites: FIN 301, 324 and QMB 300 with a "C" or better. Investment analysis including efficient market theory and empirical investigations, security valuation, risk free borrowing and lending; portfolio selection and performance evaluation are examined. Also included are derivatives' valuation and their role in a diversified portfolio.

**FIN 424 Derivatives Valuation and Accounting.** (3) A. Prerequisites: FIN 301 and QMB 300 with "C" or better; or ACC 302 with "B" or better, and departmental approval. General valuation principles for derivatives, numerical methods of derivative valuation, regulations covering executive stock options, accounting of derivatives. Also covered are special purpose vehicles.

**FIN 450 Project in Finance.** (1-3) I, II. Prerequisite: departmental approval. Selected topics of special contemporary interest to finance students. Students are required, under supervision of finance faculty, to write a paper on any finance topic of their choice.

**FIN 455 Global Financial Management.** (3) A. Prerequisites: FIN 301 and QMB 300 with a "C" or better. Advanced global dimensions

of corporate finance including working capital, capital budgeting, and international borrowing for multinational companies. Case studies of international capital markets, international financial institutions, foreign exchange risks, and international portfolio diversification.

**FIN 490 Special Problems in Finance.** (1-4) A. Prerequisite: advisor/departmental approval. May be retaken under different sub-topics to a maximum of six hours. Independent work, special workshops, special topics, or seminars. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

#### FLS—Foreign Language Studies Dr. Ezra Engling, Chair

**FLS 100 Adventures in Language:** \_\_\_\_\_. (1-3) A. This course introduces students to a language and culture through a variety of possible topics such as French cinema, German folklore, or Spanish dance. May be retaken to a maximum of six hours if topic is different.

**FLS 101 Language Topics:** \_\_\_\_\_. (3) A. Entry level study of a less frequently taught language such as Arabic, Chinese, Greek, Swahili, or other. May be retaken to a maximum of six hours if topic is different. Gen. Ed. VIII.

**FLS 102 Language Topics:** \_\_\_\_\_. (3) A. Continuing study of a less frequently taught language such as Arabic, Chinese, Greek, Swahili, or other. May be retaken to a maximum of six hours if topic is different. Gen. Ed. VIII.

**FLS 210 Language Topics:** \_\_\_\_\_. (3) A. Prerequisite: Basic proficiency in the language and departmental approval. Intermediate level study of a less frequently taught language such as Arabic, Chinese, Greek, Swahili, or other. May be retaken to a maximum of six hours if topic is different.

**FLS 230 Language Studies Abroad:** \_\_\_\_\_. (1-12) A. Prerequisite: Departmental approval prior to study abroad. Intensive intermediate level coursework in study abroad programs. May be retaken to a maximum of 12 hours per semester for duration of study abroad program(s). New course effective Fall 2009 (CAA approved 5/21/09).

**FLS 295 Independent Work in Language.** (1-3) A. For students with previous language study. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment. May be retaken to a maximum of nine hours if topic is different.

**FLS 300 Elements of Foreign Language:** \_\_\_\_\_. (3) A. Prerequisites: departmental approval and the student's major departmental approval. Introduces basic linguistic structures of major European languages, including pronunciation and intonation patterns; sharpens awareness of linguistic differences.

**FLS 310 Topics in Foreign Languages:** \_\_\_\_\_. (1-3) A. May be retaken to a maximum of 6 hours if topic is different. Examination of problems and issues in foreign languages, literatures, or cultures.

**FLS 330 Language Studies Abroad:** \_\_\_\_\_. (1-12) A. Prerequisite: Departmental approval prior to study abroad. Intensive intermediate/advanced level coursework in study abroad programs. May be retaken to a maximum of 12 hours per semester for duration of study abroad program(s).

**FLS 349 Applied Learning:** \_\_\_\_\_. (1-8) A. Prerequisite: departmental approval. Work in placements related to foreign language study. One to eight hours credit per semester or summer. Total hours: 16. A minimum of 80 hours employment required for each semester hour credit.

**FLS 349 A-N Cooperative Study:** \_\_\_\_\_. (1-8) A. Prerequisite: departmental approval. Work in placements related to foreign language study. One to eight hours credit per semester or summer. Total hours: 16. A minimum of 80 hours employment required for each semester hour credit.

#### FOR—Forensic Science Dr. Lori Wilson, Interim Chair Dr. Diane Vance, Director

**FOR 301 Introduction to Forensic Science.** (3) A. Introduction to the application of scientific methods for the examination of physical evidence in the criminal justice system; an overview of the forensic analysis of firearms, fingerprints, drugs, blood, hair, fibers, paint, glass, arson debris, etc.

**FOR 411 Forensic Analytical Methods I.** (4) A. Prerequisites: CHE 325, 362, 362L; PHY 131 (or 201), 132 (or 202); MAT 124; and BIO 121 with at least a "C" (2.0) or better in each course and cumulative GPA of 2.75/4.0. Application of instrumental methods of analysis to the classification of physical evidence. Principles and application of ultra-violet, visible, infrared, and fluorescence spectrophotometry; chromatography; and electrophoresis. 3 Lec/3 Lab.

**FOR 412 Forensic Analytical Methods II.** (4) A. Prerequisites: FOR 411 and 451 with a grade of "C" or better in each course. Continuation of FOR 411. Application of chemical instrumentation to analysis of paint, glass, fibers, arson evidence, and other materials commonly encountered in the crime laboratory, and basic introduction to DNA analysis. 3 Lec/ 3 Lab.

**FOR 430 Drugs and Toxicology.** (3) A. Prerequisites: FOR 411 with at least a "C" (2.0) or better or departmental approval. Study of the chemistry, biochemical activity, isolation and identification of drugs of forensic interest in solid dosage form and in biological materials. 2 Lec/3 Lab.

**FOR 451 Forensic Microscopic Analysis.** (3) A. Prerequisites: CHE 362L, PHY 131 (or 201), 132 (or 202), MAT 124 (or 261), BIO 121 with at least a "C" or better in each course. Prerequisite or Corequisite: CHE 325. Introduction to microscopic analysis; identification and characterization of materials, such as glass, hair, fiber, paint, and soil. 2 Lec/3 Lab.

**FOR 460 Selected Topics in Forensic Science.** (1-3) A. Prerequisite: instructor approval. Topics will be chosen from areas of current interest and may be retaken for credit when new topics are offered. Topics and credit will be announced prior to each offering.

**FOR 465 Expert Witness Testimony.** (2) A. Prerequisite: FOR 411 with a "C" or better or departmental approval. Topics include the underlying theory and purpose for expert witness testimony, qualifications of scientific experts, ethical issues relating to expert witness testimony, and elements of expert witness discovery and courtroom testimony. Videotaping of testifying in mock testifying situations is also included. Credit will not be awarded for both FOR 465 and 465W. 4 Lab.

**FOR 465W Expert Witness Testimony.** (2) A. Prerequisites: ENG 102 or ENG 105 or HON 102 and FOR 411(C) or departmental approval. Topics include the underlying theory and purpose for expert witness testimony, qualifications of scientific experts, ethical issues relating to expert witness testimony, and elements of expert witness discovery and courtroom testimony. Videotaping of testifying in mock testifying situations is also included. Credit will not be awarded for both FOR 465W and 465. 4 Lab.

**FOR 475 Mass Spectrometry.** (3) A. Prerequisite: CHE 362. Topics include types of mass spectrometers, qualitative and quantitative mass spectrometry, different ionization processes, sample inlet systems, gas chromatography/mass spectrometry and interpretation of mass spectral data.

**FOR 490 Introduction to Research.** (1-3) A. Prerequisite: FOR 411 or departmental approval. Instruction to laboratory research in one of the areas of forensic science. May be retaken to a maximum of six hours, but only three hours may be counted toward the major requirements. Student must have the independent study proposal form approved by faculty

supervisor and department chair prior to enrollment.

**FOR 495 Internship. (3, 6, 9, 12) A.**

Prerequisites: FOR 411 and 465 and 6 hours of 400-level FOR courses from within the student's option, all with a "C" (2.0) or better and departmental approval. Independent laboratory work and study in a laboratory setting. May be taken for a maximum of 12 hours, but only six hours may be counted toward the major requirements. Four to 16 weeks.

**FRE—French**

**Dr. Ezra Engling, Chair**

**FRE 101 Conversational French I. (3) I, II.** Prerequisite: all required developmental reading and writing courses. Beginning French conversation, grammar, and language skills. Emphasis on speaking and listening comprehension, with introduction to basic written forms. Taught in context of French and francophone cultures. Laboratory work required. Gen. Ed. VIII.

**FRE 102 Conversational French II. (3) I, II.** Recommended: FRE 101 or equivalent proficiency. (Students entering FRE 102 by referral or placement, with two years high school French or equivalent, receive three hours credit for FRE 101 if they make an "A" in 102.) Continuing work on communicative skills and correct usage, with introduction to reading short passages on relevant French and francophone cultural topics. Laboratory work required. Gen. Ed. VIII.

**FRE 201 Intermediate Conversational French I. (3) I, II.** Recommended: FRE 102 or equivalent proficiency (e.g. with two or three years of successful high school French). French conversation, grammar, and communicative language skills, with increased emphasis on developing basic writing and reading skills. Taught in a context of French and francophone cultures. Laboratory work required. Students entering FRE 201 by referral or placement receive six hours credit for FRE 101 and 102 if they make an "A" or "B" in 201. Gen. Ed. VIII.

**FRE 202 Intermediate Conversational French II. (3) I, II.** Recommended: FRE 201 or equivalent proficiency (e.g. with three or four years of successful high school French.) French conversation, grammar, and communicative language skills, with continuing emphasis on writing skills and on reading authentic texts. Taught in context of French and francophone cultures. Laboratory work required. Students entering FRE 202 by referral or placement receive nine hours credit for FRE 101, 102, and 201 if they make an "A" or "B" in 202. Gen. Ed. VIII.

**FRE 204 Review of French Grammar. (3) A.** Recommended: FRE 202 or equivalent proficiency. Integrative approach to French grammatical forms and usage in communicative context, with emphasis on spoken and written expression, within the framework of French and francophone cultures. Gen. Ed. VIII.

**FRE 210 Reading and Conversation. (3) I, II.** Recommended: FRE 204 or equivalent proficiency. Reading of basic literary texts with interactive discussion and writing practice. Emphasis is on building skills necessary for literature courses.

**FRE 295 Independent Work in French. (1-3) A.** Prerequisite: FRE 204 or FRE 210. May be retaken to a maximum of 9 hours if content is different. Prior to enrollment, student must have the independent study proposal approved by faculty supervisor and department chair.

**FRE 301 Survey of French Literature I. (3) A.** Prerequisite: FRE 204 or FRE 210 or equivalent proficiency with departmental approval. Selected readings from masterpieces of French literature, through the eighteenth century, with an introduction to the techniques of French literary analysis. Taught in French.

**FRE 302 Survey of French Literature II. (3) A.** Prerequisite: FRE 204 or FRE 210 or equivalent proficiency with departmental approval. Selected readings from masterpieces of French literature of the nineteenth and twentieth centuries, with an introduction to the techniques of French literary analysis. Taught in

French.

**FRE 310 Topics in French: \_\_\_\_\_. (1-3)**

**A.** Prerequisite: FRE 204 or FRE 210 or equivalent proficiency with departmental approval. May be retaken to a maximum of 9 hours if topic is different. Selected topics in French language or culture.

**FRE 312 French Literary Studies: \_\_\_\_\_. (3)**

**A.** Prerequisite: FRE 204 or FRE 210 or equivalent proficiency with department chair approval. A selected topic from the major French authors and literary movements. Taught in French. May be retaken to a maximum of nine hours, if content is different.

**FRE 313 French Narrative Fiction. (3)**

**A.** Prerequisite: FRE 204 or FRE 210 or equivalent proficiency with department chair approval. A selection of the best French prose from various periods of French literature. Taught in French.

**FRE 314 Masterpieces of French Theater. (3) A.**

Prerequisite: FRE 204 or FRE 210 or equivalent proficiency with department chair approval. Selected works from the masterpieces of French theater. Taught in French.

**FRE 315 French Lyric Poetry. (3) A.**

Prerequisite: FRE 204 or FRE 210 or equivalent proficiency with department chair approval. Survey of French lyric poetry, with emphasis on the 16th and 19th centuries. Taught in French.

**FRE 320 Introduction to Business**

**French. (3) A.** Prerequisite: FRE 204 or FRE 210 or equivalent proficiency with department chair approval. Develops oral and written skills with emphasis on language of business, industry, and the professions.

**FRE 340 French Phonetics. (3) A.**

Prerequisite: FRE 204 or FRE 210 or equivalent proficiency with department chair approval. Intensive practice in the spoken language with emphasis on improving pronunciation and aural comprehension. The sound system of French is taught through phonetic exercises.

**FRE 350 French Conversation. (3) A.**

Prerequisite: FRE 204 or FRE 210 or equivalent proficiency with department chair approval. Intensive practice in conversation with emphasis on vocabulary building and improving fluency in the language.

**FRE 360 French Grammar in Context. (3)**

**A.** Prerequisite: FRE 204 or FRE 210 or equivalent proficiency with department chair approval. A communicative approach to French grammar in meaningful context, using authentic spoken and written language, within the framework of French and francophone cultures.

**FRE 495 Independent Work in French. (1-3) A.**

Prerequisite: departmental approval. May be counted toward major or minor only with permission of department chair. May be retaken to a maximum of six hours if content is different. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

**FRM—Family Resource Management**

**Dr. Diane Leggett, Chair**

**FRM 352 The Family as Consumers. (3)**

**I, II.** Family resource management across the life course. Resource allocation and decision-making to attain family goals and financial wellbeing; time, money, housing, work-family balance. Role of family economics in marital/family satisfaction and multiple family forms. Credit will not be awarded for both FRM 352 and FIN 201.

**FRM 453 Balancing Work and Family**

**Resources. (3) A.** Prerequisites: NFA 321 and FRM 352. Concentration on value identification/clarification, the decision making process, family resource management and the management process by individuals and families. Group projects and supervised field experiences with community programs.

**FRM 456 Special Problems in Family**

**Economics and Management. (1-3) A.** Prerequisite: departmental approval. The student chooses a problem and works under the supervision of the instructor.

Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment. May be retaken to a maximum of six hours provided topics vary.

**FSE—Fire and Safety Engineering Technology**  
**Mr. Shane LaCount, Coordinator**

**FSE 100 Introduction to Fire and Safety Engineering Technology. (1) A.**

Historical and philosophical discussion with review of the life and property conservation functions of federal, state, municipal, and private agencies. Study of legislation, contemporary, and future problems, career opportunities, and public fire safety education programs.

**FSE 101 Fire Prevention. (3) A.** An introduction to fire and safety related codes; fire prevention methods; mechanical systems; and engineering solutions for hazards. An in-depth look at the Life Safety Code, the function and testing of fire related building components.

**FSE 120 Fire Behavior and Combustion. (3) A.**

Introduction to the chemistry and dynamics of fire; including basic terminology and concepts that are applied to the physical and chemical properties of the development and spread of fire in a structure; hazardous materials and the Computer Fire Analysis.

**FSE 200 Applied Fire and Safety Analysis (3) A.**

Cross listed as OSH 200. Analytical and statistical concepts and procedures for the treatment of fire and safety related data. Includes quantitative and qualitative techniques, descriptive and inferential statistics. Credit will not be awarded for both FSE 200 and OSH 200.

**FSE 201 Building Construction. (3) A.** A review of the analysis of building construction methods and terminology. A systems approach to designing building fire safety; the Life Safety Code; the function of and testing of rated building components, evaluating plans for code compliance.

**FSE 221 Fire Protection Systems. (3)**

**A.** Prerequisites: FSE 101, FSE 120. Introduction to fire detection, protection, control systems and extinguishment. Fixed and portable systems of the following types will be studied: automatic sprinklers, standpipes, dry chemical, foam, halogenated agents, fire alarm systems and diction.

**FSE 223 Fire and Emergency Scene**

**Operations (3) A.** Prerequisite: FSE 201. Principles of Incident Management including emergency scene decisions, strategies, and tactics. Utilizing emergency control resources such as personnel, apparatus, and equipment.

**FSE 224 Human Behavior In Fire. (3)**

Prerequisites: FSE 101 and FSE 120. Examine current and past research on human behavior, systems models, life safety education and building design to determine interactions emergency situations. Develop a best practice building life safety system.

**FSE 225 Legal Aspects of Fire Protection and Safety. (3) A.**

Cross listed as OSH 225. A study of legislative and legal decisions relating to personnel practices, employee safety, and public protection. Emphasizes the legal responsibilities, liabilities, and authority of the fire service practitioner. Credit will not be awarded for both FSE 225 and OSH 225.

**FSE 230 Fire Prevention Organization and Management. (3) A.**

Prerequisite: FSE 101. An introduction to management issues related to fire prevention systems. Overview of the requirements for fire prevention codes, managing inspections, relations with public and officials and implementation of fire education programs.

**FSE 250 Introduction to Fire Arson and**

**Explosion Investigations. (3) A.** An introduction to fire, arson, and explosion investigation. Topics include a historical overview of arson and terrorism statutes, sources of information, the federal role in fire and explosion investigation, explosives and improvised explosive devices.

**FSE 260 Proving Criminal Acts. (3)**

**A.** A study of crimes and the methodical steps

in the investigation and proving of criminal acts. Explore defenses/legal remedies to enable the student to understand the obligations of managing an investigation.

**FSE 280 Constitutional Criminal Procedure. (3) A.** Examines the legal implications of obtaining evidence directly from the suspect. Fourth, Fifth, and Sixth Amendments, and rules of evidence are discussed as they relate to the investigation of criminal acts.

**FSE 300W Technical Report Writing for Emergency Services (3). A.** Prerequisite: ENG 102 Develop oral and written communication skills specific to the public emergency service sector's needs. Focusing on the technical aspects involved in supporting public initiatives operating within the legal system and learning the specific requirements for submitting documentation to various technical committees. Credit will not be awarded for both FSE 300 and 300W.

**FSE 301 Emergency Medical Treatment I. (6) A.** Effective emergency medical care in a variety of traumatic and medical emergencies. Content developed by the Committee on Injuries of the American Medical Association. Credit will not be awarded for both FSE 301 and EMC 110.

**FSE 305 Hazardous Materials. (3) A.** Prerequisite: FSE 120. Cross listed with OSH 305. Study of hazardous material problems in transportation, storage, and use. Chemical properties relating to specific reactions, engineering controls, and control in an emergency situation. Emphasis on the role of pre-emergency planning, combating, coordinating, and controlling a hazardous materials incident. Credit will not be awarded for both FSE 305 and OSH 305.

**FSE 310 WMD/Hazardous Materials. (3) A.** Study of different Weapons of Mass Destruction (WMD) materials, deployment, and use. Evaluation of hazardous materials, usage, storage, and transportation. Preventing and controlling WMD/Hazardous Materials incidents.

**FSE 320 Principles of Emergency Services. (3) A.** An overview of organizational and management practices in the fire and safety fields. Emphasis on supervision and leadership styles, motivation, morale, and organizational behavior.

**FSE 322 Fire Protection Structures and System Design (3) A.** Prerequisite: FSE 221. Analysis and evaluation of specific code requirements related to the design, inspection, testing and maintenance of fire protection systems. Design projects will be included.

**FSE 330 Principles of Criminal Investigation. (3) A.** Prerequisites: FSE 300W, FSE 260, and FSE 280. A detailed study of the investigative procedure as it applies to fire, arson, explosion and other personal property crimes.

**FSE 349 Applied Learning in Fire and Safety Engineering. (1-8) A.** Cross listed with OSH 349. Prerequisite: departmental approval. Work in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate; sixteen, baccalaureate. A minimum of 80 hours employment required for each semester hour credit. Credit will not be awarded for both FSE 349 and OSH 349.

**FSE 349 A-N Cooperative Study: Fire and Safety Engineering. (1-8) A.** Cross listed with OSH 349 A-N. Prerequisite: departmental approval. Work in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate; sixteen, baccalaureate. A minimum of 80 hours employment required for each semester hour credit. Credit will not be awarded for both FSE 349 A-N and OSH 349 A-N.

**FSE 350 Fire Arson and Explosion Investigation I. (3) A.** Prerequisite: FSE 120. An in-depth study in the analysis of fire, arson, and explosion scenes. Emphasis will be placed on the principles and techniques of scene preservation and analysis, management of investigative functions, documentation of the scene, and determination of the cause and origin of fire.

**FSE 355 Fire Dynamics. (3) A.** Prerequisites: CHE 101, FSE 120, and MAT 107. An introduction to fire-related measurement techniques, advanced fire and combustion concepts and associated terminology. This course includes basic numerical methods for understanding fire dynamics.

**FSE 360 Fire Protection Hydraulics and Water Supply (3) A.** Prerequisites: FSE 120 and MAT 107. A study of water at rest and in motion, Bernoulli's and Pascal's theorems; water distribution systems, velocity, friction loss, pump and nozzle pressures required for fire protection.

**FSE 365 Instructional Methodology for Emergency Service. (3) A.** Course provides students with opportunities to develop presentation skills used in classroom instruction. Develop lesson plans, prepare audio-visual aids and props for the class. Prepare evaluation methodologies that competently assure learning objectives during delivery of presentations.

**FSE 370 Electrical and Mechanical Systems Failure Analysis. (3) A.** Prerequisite: FSE 355. Overview of design criteria for electrical and mechanical systems and components relative to fire safety via laboratory experiments, exemplar components and photographs that depict system and component failures that result in fire. Learning opportunities include engaging in destructive and non-destructive analysis of components and systems.

**FSE 375 Emergency Service Resource Management. (3) A.** Introduction to management issues related to obtaining and accounting for resources. Included are financial management processes, acquisition strategies, strategies for maintenance of effort and resource prioritization, resource replacement planning and processes to audit program success.

**FSE 380 Fire and Explosion Scene Analysis. (3) A.** Prerequisite: FSE 350. An in-depth study of fire, arson, and explosive investigations. Emphasis will be placed on the principles and techniques of scene preservation, analysis, management of investigations, documentation of the scene and determination of cause and origin.

**FSE 400 Advanced Emergency Services. (3) A.** Prerequisites: FSE 300 and 320. A study of environmental management including the identification and analysis of key managerial issues confronting contemporary fire services managers. Application in current methods and planning, organizing, developing and evaluating public fire/emergency services organizations.

**FSE 420 Environmental Law and Management. (3) I, II.** Prerequisite: FSE 225. Review/analysis of laws affecting workplaces, including the Clean Water Act, Clean Air Act, RCRA and CERCLA. Additionally, study of these laws and related policies/practices will be covered as related to safety. Credit will not be awarded for both FSE 420 and EHS 425.

**FSE 425 Disaster & Community Fire Defense Planning. (3) A.** Prerequisite: FSE 300. Overview of the ever changing demographics of the departmental jurisdictions and response during community service master planning, identifying hazards then assessing risks associated with those hazards. Analysis of potential disaster and recovery methods.

**FSE 430 Personnel & Industrial Relations Law. (3) I, II.** Prerequisite: FSE 225. Review/analysis of laws affecting the workplace, including the ADA, FMLA, NLRA, WARN Act, and Title VII. Additionally, a study of personnel policies/practices will be covered as it relates to the field of safety.

**FSE 445 Advanced Structural Fire Protection. (3) A.** Prerequisite: FSE 335(C). Examines principles involved in structural fire protection: behavior of materials and design considerations for each material in regards to a structure's design under fire attack and resistive protection methods.

**FSE 450 Advanced Explosion and Bombing Investigation. (3) A.** Prerequisite:

FSE 380. An in-depth study of explosion scene investigation. Emphasis will be placed on the principles and techniques of scene preservation analysis, management of investigative functions, documentation of scene, and determination of the cause of explosions.

**FSE 480 Industrial Fire Safety. (3) A.** Prerequisites: FSE 101 and FSE 120. Fire scenario analyses for industrial installations using test data, loss experience and simplified theoretical modeling focusing on warehousing, storage of flammable liquids and safety of electrical equipment and computers.

**FSE 481 Fire Protection Design. (2).** Comprehensive project emphasizing a team approach to the design process. Problem formulation; project management; drawings and specifications; cost estimating; and various project components.

**FSE 489 Topical Seminar. \_\_\_\_\_.** (1-3) A. Prerequisite: FSE 200 or departmental approval. Development and presentation of research in contemporary methods, techniques, and devices in the field. May be retaken under different topics to a maximum of 12 hours.

**FSE 490 Fire and Safety Research and Evaluation (3) A.** Prerequisite: senior standing. Development of competency relating to concepts of fire and safety research analysis. Each student develops a research design and carries out a study project. Individual studies are culminated with project paper and presentation.

**FSE 495 Fire Arson and Explosion Case Preparation. (3) A.** Prerequisite: FSE 450. Preparation of the fire, arson, and explosion case for trial, including preparation of demonstrative evidence, scene documentation for presentation, rules of evidence, case review and analysis, and testimony.

**FSE 499 Practicum. (1-12) A.** Prerequisite: departmental approval. Supervised field observation, research, and/or experience.

#### **GBU—General Business Dr. Lana Carnes, Chair**

**GBU 201 International Business. (3) I.** An overview of international business, including international business law, international business customs, and international business functional operations, examining the effectiveness of U.S. business ventures abroad and in competition with international companies at home.

**GBU 204 Legal and Ethical Environments of Business. (3) I, II.** Prerequisite: minimum 45 hours. Law and the legal system. Topics include discussion on ethical and socially responsible business decision; business forms, contracts and torts; governmental regulations and regulatory agencies that impact businesses.

**GBU 301 e-Commerce Fundamentals. (3) A.** Prerequisite: minimum 45 hours completed. Survey, analysis, evaluation of current issues and trends in e-commerce; examination of how e-commerce and electronic mediated environments are changing business and society.

**GBU 310 Law of Contracts, Property, and Business Organizations. (3) I.** Principles of the law of contracts, property and the formation, relationship and implications of partnership, corporations and agencies.

**GBU 311 Law of Commercial Transactions. (3) II.** Principles for law of personal property transfers, negotiable instruments, secured transactions, the application of the Uniform Commercial Code and business transactions, bankruptcy, and governmental regulation.

**GBU 349 Applied Learning in General Business. (1-8) A.** Prerequisites: minimum GPA 2.25 and 60 credit hours. Co-op Coordinator approval is required. Approved work experience directly related to academic major and/or career goals. Minimum of 80 hours work required for each credit hour. May be used as upper division business electives and/or free electives as approved. General Business Majors, depending on option, are limited to a maximum of nine co-op hours counting toward degree. Co-op hours may

be repeated up to nine hours.

**GBU 349 A-H Cooperative Study: General Business. (1-8) A.** Prerequisites: minimum GPA 2.25 and 60 credit hours. Co-op Coordinator approval is required. Approved work experience directly related to academic major and/or career goals. Minimum of 80 hours work required for each credit hour. May be used as upper division business electives and/or free electives as approved. General Business Majors, depending on option, are limited to a maximum of nine co-op hours counting toward degree. Co-op hours may be repeated up to nine hours.

**GBU 350 Seminar in Business. (1-3) A.** A carefully selected topic of special and contemporary interest to business students. May be retaken under different subtitles to a cumulative maximum of nine hours.

**GBU 480 Business Strategy. (3) I, II.**  
Prerequisites: CCT 300 or 300W, CIS 300, FIN 300, MGT 300, 370, and MKT 300 with a grade of "C" or better in each prerequisite course; senior standing (A minimum of 90 hours) with an overall minimum 2.0 GPA. A capstone study of administrative processes under conditions of uncertainty including integrative analysis and formulation of strategy and supporting policy at administrative/executive levels. Students must complete all business core courses prior to taking GBU 480.

**GCM—Graphic Communications Management  
Drs. David Dailey and Marlow Marchant**

**GCM 211 Graphic Communications. (3) I, II.** An overview of the market segments using the technologies of printing, publishing, packaging, electronic imaging, and their allied industries. 2 Lec/2 Lab.

**GCM 217 Electronic Publishing. (3) A.** Basic course in desktop publishing and preparing appropriately designed documents for Graphic Communications. Emphasis is on the use of professional level computer application programs for working with images, type and page layouts. 2 Lec/2 Lab.

**GCM 316 Graphic Communications II. (3) I.** Prerequisites: GCM 211. Advanced study of the imaging processes with particular attention given to prepress, press and post press operations related to offset presswork. 2 Lec/2 Lab.

**GCM 317 Electronic Publishing II. (3) II.** Prerequisite: GCM 217. Advanced desktop publishing course in the design, creation, and assembling of text and graphical images. In depth study of color theory, color management and color separation. 2 Lec/2 Lab.

**GCM 319 Printing Processes. (3) II.** Prerequisite: GCM 316. An overview of imaging including relief, offset, screen, gravure, flexographic and digital printing processes. Emphasis will be given to the printed product, image carrier preparation, press systems and mechanics, inks and substrates. 2 Lec/2 Lab.

**GCM 349 Applied Learning in Graphic Communication Management. (1-8) I, II.** Prerequisite: departmental approval. Work under faculty and field supervisors in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate, sixteen, baccalaureate. A minimum of 80 hours work required for each academic credit.

**GCM 349 A-N Cooperative Study: Graphic Communications Management. (1-8) I, II.** Prerequisite: departmental approval. Work under faculty and field supervisors in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate, sixteen, baccalaureate. A minimum of 80 hours work required for each academic credit.

**GCM 410 Finishing and Packaging. (3) A.** Prerequisite: GCM 319. A study of post-press finishing and binding operations in the printing and publishing industries. Packaging operations will also be studied, including design, layout, printing and assembly.

**GCM 412 Color Process Printing. (3) A.** Prerequisites: GCM 317 and 319. The advanced study and practical application of reproducing process color images by offset lithography. 2 Lec/2 Lab.

**GCM 414 Printing Estimating and Costs. (3) II.** Prerequisite: GCM 319. Methods and procedures of predetermining costs of printed products. The determination of equipment hourly rates and depreciation, cost centers, and equipment purchase decisions will be discussed with emphasis on computer related operations.

**GCS—Interpersonal Skills and Career Counseling  
Dr. Onda Bennett, Dean of University Programs**

**GCS 198 Interpersonal Effectiveness Seminar. (1) I, II.** The course is designed to assist students in gaining confidence in themselves and in relating more effectively with others. Attention is given to assertiveness, values clarification, and effective life management.

**GCS 199 Career Counseling Seminar. (1) I, II.** The eight-week course helps students make effective career decisions. Self-awareness, values clarification, an awareness of career alternatives, and decision-making skills are promoted in the course. Pertinent career facts are learned; i.e. salary, training, outlook, and working conditions.

**GEO—Geography & Geology  
Dr. John White, Chair**

**GEO 100 Regions and Nations of the World. (3) A.** Survey of the physical, cultural, and economic geography of the world's major regions, with an emphasis on regions undergoing change and currently of international concern. Credit will not be awarded for both GEO 100 and GEO 200. Gen. Ed. VB, VC, or VII (SBS). [SB].

**GEO 115 Hollywood Weather. (3) A.** This non-technical introduction to atmospheric processes examines how meteorological events are portrayed in popular movies. Topics may include severe weather events, climate change, and weather's impact on human systems. Gen. Ed. VII (NS).

**GEO 205 World Travel. (3) A.** Examines the development of travel and tourism through the history of global exploration, the formation of popular tourism destinations around the world, and the emerging structure of the international tourism industry.

**GEO 210 Introduction to Physical Geography. (3) A.** Study of natural processes operating at the earth's surface with special emphasis on weather and climate and landforms as explanations for how and why physical and human phenomena vary from place to place. 2 Lec/2 Lab. Gen. Ed. IVB or VII (NS). [NS].

**GEO 220 Human Geography. (3) A.** Introduction to geographic study of human occupancy of the earth, including patterns and processes of human activity and human/land interaction. Gen. Ed. VB, VC, or VII (SBS). [SB].

**GEO 300 Geography: \_\_\_\_\_, (3) A.** Designed for study of special topics. The specific orientation (cultural, physical, field studies, etc.) will follow course title. May be retaken to a maximum of nine hours provided subject matter differs each time.

**GEO 302 Global Environmental Problems. (3) A.** Examination of environmental problems and conservation strategies in the context of global change, with case studies from exemplary world regions, including rainforest, mountain, desert, and island biomes.

**GEO 304 Travel and Tourism Industry. (3) A.** Prerequisite: GEO 205 or departmental approval. Examination of the industry as a system: the suppliers, the intermediaries, and the market. Theoretical underpinnings of the tourism system are included along with principal publications and practices.

**GEO 305 Tourism Development. (3) A.** An in-depth study of the planning process, the

determination of marketing strategies, and the economic impact of tourism development.

**GEO 315 Meteorology. (3) I, II.** Prerequisite: MAT 107 or higher. This course focuses on important phenomena and physical processes that occur in Earth's atmosphere, including atmospheric dynamics, radiation, stability, moisture, wind systems and severe storms.

**GEO 321 Urban Geography. (3) A.** Study of city functions, patterns, and past and current problems confronting the city, including the problems of planning, zoning, community housing, shopping centers, and urban renewal.

**GEO 322 World Geopolitics. (3) A.** Study of world political structures and events organized by territorial and regional frameworks. Specific attention to forces of global political change, including globalization processes, conflict and peace, ethnic separatism, and international mediation.

**GEO 325 Environmental Land Use Planning. (3) A.** Examines how principles of landscape ecology, resource conservation, and environmental impact analysis are incorporated into land use decisions and public policy. Emphasizes practical application at the site and regional scales.

**GEO 330 Economic Geography. (3) A.** Geographic patterns and processes of production, trade, finance, and other services at local, regional, and global scales.

**GEO 343 Geography of Kentucky. (3) A.** Topical-regional approach to the physical characteristics, cultural complexity, and economic aspects of Kentucky with an emphasis on understanding the state's historical development and current environmental, political, and economic issues from a geographic perspective.

**GEO 347 Regional Geography: \_\_\_\_\_, (3) A.** Physical, cultural, and economic geography of a selected region (e.g., Africa, North America, Oceania) with emphasis on the region's current problems. May be retaken to a maximum of 12 hours provided subject matter differs each time.

**GEO 349 Applied Learning in Geography. (1-8) A.** Prerequisite: departmental approval. Work in placement related to academic studies. One to eight hours credit per semester or summer. Total hours for baccalaureate, 16. A minimum of 80 hours employment required for each semester hour credit. No more than six hours may count toward the major.

**GEO 349 A-N Cooperative Study: Geography. (1-8) A.** Prerequisite: departmental approval. Work in placement related to academic studies. One to eight hours credit per semester or summer. Total hours for baccalaureate, 16. A minimum of 80 hours employment required for each semester hour credit. No more than six hours may count toward the major.

**GEO 351 Geographic Techniques. (3) A.** Introduction to the range of techniques used in geographic research and applications, including mapping, image interpretation, GIS, GPS, field work, quantitative analysis, library and Internet research, and others. Practical experience focus. 2 Lec/2 Lab.

**GEO 353 Geographic Information Systems. (3) A.** Introduction to GIS principles, methods, operations, mapping, and applications. Topics include introduction to cartography, spatial data, databases, GIS analysis, models, site suitability, environmental and social applications, and more. Hands-on emphasis using ArcView and ArcGis. 2 Lec/2 Lab.

**GEO 405 Issues in Travel and Tourism. (3) A.** Prerequisites: A comprehensive study of current issues, trends, problems, and opportunities in the travel and tourism industry. Research paper required.

**GEO 425 Land Use Decisions and Controls. (3) A.** Examines social and economic influences on land values, and how zoning and other controls are used to balance public needs with private landowners' rights. Emphasizes legal framework governing the practice of community and regional planning.

**GEO 430 Sustainability in Appalachia. (3) A.** Cross listed as APP 430. Examination of Appalachia's ecological, social, and economic patterns,

and the processes through which residents can ensure their social, economic and ecological sustainability in the future. Credit will not be awarded for both GEO 430 and APP 430.

**GEO 435 Biogeography. (3) A.** Study of plant and animal distributions and the nature of earth's major terrestrial biomes, with an emphasis on formulating sound hypotheses to explain the variety and ever-changing geographic ranges of living organisms.

**GEO 450 Field Studies. (3) A.** Field techniques and applied case studies of geographic topics in local and regional environs.

**GEO 455 GIS Cartography. (3) A.** Prerequisite: GEO 353 or departmental approval. Principles of cartographic design for GIS applications. Hands-on emphasis using ArcView and ArcGIS. 2 Lec/2 Lab.

**GEO 456 Remote Sensing. (3) I.** Prerequisite: GEO 353 or departmental approval. Principles, data sources, acquisition, interpretation, analysis, and application of geographic imagery, including maps, air photos, shuttle photography, and satellite digital data. Hands-on computer GIS techniques. 2 Lec/2 Lab.

**GEO 490 Senior Seminar. (3) A.** Prerequisite: senior standing or departmental approval. A capstone course for majors that integrates students' academic experiences with their career development options.

**GEO 495 Practicum. (3-6) A.** Prerequisite: GEO major. Students will work under departmental supervision in governmental, corporate, or private enterprises which are engaged in applied geography. Determination of the number of hours will be made by the department, depending upon the range and depth of activities to be engaged in. May not be retaken.

**GEO 498 Independent Study. (1-3) A.** Student must have the independent study proposal form approved by faculty supervisor and departmental chair prior to enrollment. May be retaken to a maximum of six hours.

**GEO 501 Advanced Geography: \_\_\_\_\_.** (3) A. Prerequisite: departmental approval. In-depth study of physical, cultural, economic, geographic technique (GIS) themes. May be retaken to a maximum of six hours if subject matter differs each time.

**GEO 525 Seminar in Planning: \_\_\_\_\_.** (3) A. In-depth study of urban or regional planning topics, such as growth management and land use. May be retaken to a maximum of six hours provided subject matter differs each time.

**GEO 553 Advanced GIS. (3) II.** Prerequisite: GEO 353 or departmental approval. Advanced concepts, operations, and applications of raster and vector GIS. Spatial analysis using scanning, imagery, GPS, global data sets, and derived data for natural and social applications. Use of standards, metadata, open GIS, and other advances.

**GEO 556 Advanced Geographic Imagery. (3) II.** Prerequisite: GEO 355 or equivalent. Characteristics, interpretation, integration and applications of advanced geographic imagery, including remote sensing and GIS digital data. Attention on satellite and multispectral imagery, including image processing. Hands-on emphasis. 2 Lec/2 Lab.

**GEO 597 Special Studies in Geography. (1-3) A.** Prerequisite: departmental approval. Directed work in geography. Students must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

**GER—German**  
**Dr. Ezra Engling, Chair**

**GER 101 Conversational German I. (3) I, II.** Prerequisite: all required developmental reading and writing courses. Beginning German conversation, grammar, and language skills. Emphasis on speaking and listening comprehension, with introduction to basic written forms. Taught within the context of Germanic

cultures. Laboratory work required. Gen. Ed. VIII.

**GER 102 Conversational German II. (3) I, II.** Recommended: GER 101 or equivalent proficiency. Continuation of GER 101. (Students entering GER 102 by referral or placement receive three hours credit for GER 101 if they make an "A" in 102.) Continuing work on basic communicative skills. Taught within the context of Germanic cultures. Laboratory work required. Gen. Ed. VIII.

**GER 201 Intermediate Conversational German I. (3) I, II.** Recommended: GER 102 or equivalent proficiency. German conversation, grammar, and other language skills with increased emphasis on developing basic writing and reading skills. Taught in a cultural context. Laboratory work required. Students entering GER 201 by referral or placement receive six hours credit for GER 101 and 102 if they make an "A" or "B" in 201. Gen. Ed. VIII.

**GER 202 Intermediate Conversational German II. (3) I, II.** Recommended: GER 201 or equivalent proficiency. German conversation, grammar, and other language skills with continuing emphasis on reading and writing skills. Taught in a cultural context. Laboratory work required. Students entering GER 202 by referral or placement receive nine hours credit for GER 101, 102, and 201 if they make an "A" or "B" in 202. Gen. Ed. VIII.

**GER 240 Beginning Conversation. (3) A.** Recommended: GER 201 or equivalent proficiency with department chair approval. Topics for conversation drawn from everyday situations. (Waived in case of demonstrable oral proficiency, but not open to native speakers.)

**GER 295 Independent Work in German. (1-3) A.** Prerequisite: GER 202 or equivalent proficiency. May be retaken to a maximum of 9 hours if content is different. Prior to enrollment, student must have the independent study proposal approved by faculty supervisor and department chair.

**GER 310 Topics in German: \_\_\_\_\_ (1-3) A.** Prerequisite: GER 202 or equivalent proficiency with department chair approval. May be retaken to a maximum of 6 hours if topic is different. Selected topics in German language, literature, or culture.

**GER 340 Intermediate Conversation. (3) A.** Prerequisite: GER 240 or equivalent proficiency with department chair approval. Topics for conversation drawn from contemporary German life.

**GER 495 Independent Work in German. (1-3) A.** Prerequisite: departmental approval. May be counted toward major or minor only with permission of department chair. May be retaken to a maximum of six hours if content is different. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

**GLO—Globalization and International Affairs**  
**Dr. Gyan Pradhan, Chair**

**GLO 490 Globalization Senior Seminar. (3) A.** Prerequisites: Senior standing and departmental approval. Reading, analysis and discussion of current globalization topics, with heavy emphasis on class participation and student presentations.

**GLY—Geography & Geology**  
**Dr. John White, Chair**

**GLY 102 Earth Science for Teachers. (3) I, II.** Prerequisite: pre-teaching and teaching elementary and middle school education majors only or departmental approval. This inquiry-based course for teachers integrates content, pedagogy and technology to explore Earth as an integrated set of systems and as part of the Solar System. Credit will not be awarded for both GLY 102 and GLY 302. 1 Lec/4 Lab. Gen. Ed. IVB or VII (NS). [NS].

**GLY 107 Gold and Diamonds. (3) I, II.** The geology of gold and diamonds, including mineralogy, natural occurrence, exploration, and mining. The impact of gold, diamonds, and other

important earth materials on the environment, history, and society will also be discussed. 2 Lec/2 Lab. Gen. Ed. IVB or VII (NS). [NS].

**GLY 108 Plate Tectonics: The Active Earth. (3) I, II.** Investigation of the Earth as it exists and functions today, the materials that compose the Earth, the processes that act upon and within the Earth, and the interrelationship of both materials and processes with human activity. 2 Lec/2 Lab. Gen. Ed. IVB or VII (NS). [NS].

**GLY 109 Great Moments in Earth History. (3) I, II.** Investigation of the origin of the Earth as a planet and its evolutionary development of physical and biological systems through time. Important turning points in the Earth's history will be emphasized. 2 Lec/2 Lab. Gen. Ed. IVB or VII (NS). [NS].

**GLY 172 Geology and Human Health. (3) I, II.** This course is designed to help students understand how their interaction with the physical environment can impact their health, and to use this information to make informed, intelligent decisions about their behavior and choices related in everyday life. 2 Lec/2 Lab. Gen. Ed. IVB or VII (NS). [NS].

**GLY 210 Introduction to Geochemistry. (3) I.** Prerequisite or Corequisite: ACT math score of 22, or SAT math score of 530, or MAT 107, or departmental approval. An introduction to the application of fundamental concepts and skills in chemistry (nomenclature, stoichiometry, bonding, chemical change) to geology, including the distribution of the elements, mineral chemistry, and radiometric dating.

**GLY 302 Earth Science. (3) A.** Introduction to the universe and our solar system, the Earth's atmospheric and climatic elements, its physical processes and features, organic development, and natural resources. Credit will not be awarded for both GLY 302 and GLY 102. Gen. Ed. VII (NS).

**GLY 303 Global Environmental Obstacles. (3) A.** Investigation of the Earth as a complex set of interconnected systems that cycle elements, water, and earth materials over geologic and human time scales. The course emphasizes global environmental changes that occur on the planet because of human actions. Gen. Ed. VII (NS).

**GLY 304 The World Ocean. (3) I, II.** Investigation of the geologic, physical, biogeochemical, and biologic processes that occur within the oceans of the world. The course emphasizes connections between these processes, and how those connections interact with our planet's life. 2 Lec/2 Lab. Gen. Ed. IVB or VII (NS). [NS].

**GLY 305 Dinosaurs. (3) A.** The rise, diversification, and extinction of this prominent group of organisms. This course attempts to explore how scientists make inferences about the past, including the use and limitations of physical evidence and the nature of science. Credit will not be awarded for both GLY 305 and NAT 305. Gen. Ed. VII (NS).

**GLY 309 Mineralogy. (4) I.** Prerequisite: any general education geology course or departmental approval. Study of minerals commonly encountered in rocks and soils with minor emphasis on ore deposits: mineral geochemistry, crystal structure, classification, physical properties, optical properties, and geologic environment. Laboratory develops the ability to identify minerals in hand specimens and thin sections. 3 Lec/2 Lab.

**GLY 315 Hydrology. (3) I, II.** Interrelationships between Earth's systems and the occurrence and character of water in streams, lakes, and groundwater. Focuses on fundamental understanding of hydrologic processes and reservoirs, interaction between surface waters and groundwater and relationships between human activity and these reservoirs.

**GLY 349 Applied Learning in Geology. (1-8) I, II; (1-6) SUMMER ONLY.** Work in placements related to academic studies. Total hours for baccalaureate, sixteen. A minimum of 80 hours of employment required for each semester hour of academic credit. May not be used to satisfy area,



major, or minor requirements.

**GLY 349 A-N Cooperative Study: Geology. (1-8) I, II; (1-6) SUMMER ONLY.** Work in placements related to academic studies. Total hours for baccalaureate, sixteen. A minimum of 80 hours of employment required for each semester hour of academic credit. May not be used to satisfy area, major, or minor requirements.

**GLY 351 Field Methods. (3) A.**

Prerequisites: any general education geology course or departmental approval. Methods of field geology including description and measurement of rock sequences, introduction to geological mapping and writing geological reports. 1 Lec/4 Field (Saturdays).

**GLY 398 Independent Studies in Geology. (1-6) I, II.**

Prerequisite: departmental approval. Topic determined by student and instructor. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment. May be retaken to a maximum of six hours provided topic is different each time.

**GLY 408 Process Geomorphology. (3) II.**

Prerequisite: any general education geology course or departmental approval. An in-depth study of the geologic processes involved in landform development.

**GLY 409 Petrology. (4) II.**

Prerequisite: GLY 309. Nature and origin of common rocks (igneous, sedimentary and metamorphic), with emphasis on crystalline rocks. Lab develops the ability to analyze and classify rocks in hand sample and in thin section using a petrographic microscope. 3 Lec/2 Lab.

**GLY 410 Structural Geology - Tectonics. (4) I.**

Prerequisite: any general education geology course or departmental approval. Deformation of Earth's crust across a wide range of scale with emphasis on plate tectonics and its consequences. Lab develops the ability to analyze the geometry of deformed rock bodies and solve common structural problems. 3 Lec/2 Lab.

**GLY 415 Sedimentary Geology. (4) I.**

Prerequisite: any general education geology course or departmental approval. Examination of sedimentary processes and products, the characteristics and origins of sedimentary rocks and their related depositional environments, and application of these principles to solving geological problems. Laboratory develops techniques for describing and interpreting sedimentary rocks, structures, and stratigraphy. 3 Lec/2 Lab.

**GLY 420 Stratigraphy and Paleontology. (4) II.**

Prerequisite: GLY 415. Description, correlation, and interpretation of stratified sedimentary sequences; identification and interpretation of the fossils they contain. Emphases: rock-vs. time-stratigraphy, facies relationships, sequence stratigraphy, event stratigraphy, biostratigraphy, well log correlation. 3 Lec/2 Lab.

**GLY 451 Field Camp. (6) SUMMER ONLY.**

Prerequisites: GLY 409 and 410. Field-training course in the northern and central Rocky Mountains (6 weeks). Analysis of rock sequences; geologic mapping of sedimentary, metamorphic, and igneous terrains; interpretation of complex rock deformation; regional geological synthesis with emphasis on tectonics; and visits to many instructive geologic localities, including national parks and monuments.

**GLY 460 Aqueous Geochemistry. (3) II.**

Prerequisite: GLY 210 or CHE 111 and 111L. Reactions between natural waters, atmospheric gases and earth materials in surface and near surface environments. Emphasis is placed on consequences of chemical weathering, composition of surface and near surface water, geochemical cycles, and natural and anthropogenic geochemical events. 2 Lec/2 Lab.

**GLY 480 Petroleum Geology. (3) II.**

Pre/Corequisites: GLY 410 and GLY 420. Use of the petroleum systems paradigm to explore characteristics of economically-viable petroleum accumulations. Examines fundamental activities such as electric logging, mudlogging, and drilling. Exercises and

projects model industry practices in recognizing and understanding petroleum accumulations.

**GLY 482 Paleoclimate. (3) A.** How the interaction of ocean and atmosphere creates climate in the planet today and leaves its record in geologically accessible Earth materials, with an emphasis on the interpretation of the geological record and how we learn how the Earth's climate has changed in the past.

**GLY 490 Applied Geology: Case Studies. (3) A.**

Prerequisite: any general education geology course or departmental approval. Detailed analysis of the environmental implications of human use of earth materials and interaction with geologic processes.

**GLY 499 Senior Thesis. (3) A.**

Prerequisite: senior standing and department approval. Supervised, independent thesis project for majors in geology. Thesis project must be approved by faculty supervisor and department committee prior to enrollment in the course.

**GLY 500 Earth Science Problems for Teachers. (1-3) I, II.**

Prerequisite: departmental approval. Designed to fit needs of individual students majoring in education (general science) who need special instruction in the earth sciences. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment. May be retaken to a maximum of nine hours provided topic is different each time.

**GLY 503 Earth Materials. (3) I.**

Prerequisite: any general education geology course or departmental approval. Survey of natural materials: minerals, rocks, soils and natural resources presented in the compositional structure of the Earth. Emphasis on the interaction between these materials and human activity, and on analytical techniques. Does not count toward B.A./B.S. in geology. 2 Lec/2 Lab.

**GLY 504 Earth Processes. (3) II.**

Prerequisite: any general education geology course or departmental approval. Survey of natural processes: weathering and erosion; transportation, deposition and consolidation of sediment; deformation and uplift of the Earth's crust. Emphasis on the interaction between these processes and human activity, and on analytical techniques. Does not count toward B.A./B.S. in geology. 2 Lec/2 Lab.

**GLY 512 Geology of Soils. (3) A.**

Prerequisite: any general education geology course or departmental approval. Composition, classification, and evolution of soils, role of climate, living organisms, physiography, and underlying geology in soil formation. Emphasis on clay mineralogy, soil analytical techniques, soil mapping, paleosols in the rock record, human interaction with soils, and the economic importance of soils. 2 Lec/2 Lab.

**GLY 535 Hydrogeology. (3) I.**

Prerequisite: any general education geology course or departmental approval. Origin, occurrence, movement, utilization, and conservation of groundwater. Qualitative and quantitative presentation of geological, physical, and geochemical aspects of groundwater hydrology. 2 Lec/2 Lab.

**GLY 540 Biogeochemical Treatment Processes. (3) A.**

Prerequisite: departmental approval. Survey of remediation processes for polluted waters and soils; emphasis on understanding the science of and application for various treatment processes.

**GLY 550 Evolution of the Earth. (3) A.**

Prerequisite: senior standing or departmental approval. Capstone course: overview of geological principles from the perspective of the Earth's history, physical and biological. Emphasis on critical thinking and expressive writing.

**GLY 580 Selected Topics. (1-3) A.**

Prerequisite: senior standing or departmental approval. Designed to explore specific aspects of geology. May be retaken to a maximum of six hours provided topic is different each time.

**GSD—Student Development**

**Dr. Onda Bennett, Dean of University Programs**

**GSD 101 Foundations of Learning. (3). I, II.** A course to promote student success and lay the foundation for critical and creative thinking across the curriculum. Open to all first year students with fewer than 30 semester hours earned. Credit will not be awarded to students who have credit for ASO 100, BTO 100, EDO 100, GSO 100, HSO 100, or JSO 100.

**GSD 220 Prior Learning Seminar. (2) A.** Prerequisites: ENG 102 or departmental approval. This course is designed to help students identify and document learning gained through life experience or employment that will be assessed for possible college level credit.

**GSD 225 Leadership Dynamics. (1-3). II.** The course is designed to introduce current and emerging leaders to leadership theory and development. Attention is given to self awareness, leadership styles, conflict resolution, communication skills, ethics and values and real world experience. Information is provided through class discussion, speakers, group work, journals and case studies. May be retaken to a maximum of three hours provided the subject matter differs.

**GSD 225S Leadership Dynamics: Service Learning. (1). II.** The course is designed to introduce current and emerging leaders to leadership theory and development through a dynamic service learning component including reflective activities, practice in teamwork, and engaging in service for a community partner. Credit will not be awarded for both GSD 225S and GSD 225. May be repeated up to three hours.

**GSD 401 McNair Research Symposium. (2) A.** Prerequisites: ENG 101 and 102 or ENG 105; MAT 105 or any course above MAT 105. Introduction to research, writing, and expectations concerning research in academic settings. Provides essential information regarding research and writing expectations of graduate students. For McNair scholars only.

**GSO—Orientation for Undeclared Students**

**Dr. Onda Bennett, Dean of University Programs**

**GSO 100 Academic Orientation. (1) I, II.** An orientation to university academic life and career planning and preparation. Topics include university policies and procedures, program requirements, career opportunities, and introductory study skills. Open to all students during their first two semesters of enrollment at EKU; beyond that open to students with fewer than 30 semester hours earned.

**GSO 101 Cultural Orientation for International Students. (1) A.** An orientation to American customs and the American education system for undergraduate international students attending an American university for the first time. Students are also required to take GSO 100.

**GSO 102 Transition to College. (3) A.** Prerequisite: taken by referral or placement. The course is an intensive introduction to the university, including study skills, cultural and learning resources, academic life, university policies and procedures, self-exploratory activities and growth.

**GSO 149 Co-op Professional Seminar. (1) I, II.** Prepare students for the job market prior to co-oping. Topics include: self-assessment, communication, resumes and cover letters, interviewing techniques, business etiquette. Credit will not be awarded for both GSO 149 and CMS 330.

**GST—General Studies Tutoring**

**Dr. Onda Bennett, Dean of University Programs**

**GST 300 Principles of Peer Mentoring/Tutoring. (1-3) I.** Prerequisite: Department approval. Students will receive instruction and training in tutoring and mentoring skills and techniques. Students will serve as a peer tutor or mentor and assist with teaching in an assigned section of Academic

Orientation for freshmen. The peer tutors and mentors will record, reflect upon and evaluate their associated experiences. May be retaken up to six credit hours.

**HEA—Health Education**  
**Dr. Michael Ballard, Chair**

**HEA 202 Safety and First Aid. (2) I, II.** Instruction and practice in first aid and safety procedures. Includes assessment and first aid procedures regarding life-threatening emergencies, injuries, medical emergencies, and rescues. Focus on prevention, as well as first aid. Includes certification in Adult CPR. Credit will not be awarded for both HEA 202 and EMC 102.

**HEA 203 Respiratory and Circulatory Emergencies (CPR). (1) I, II.** Methods involved in the performance of cardio-pulmonary resuscitation. Completion of class certifies student with American Red Cross Community CPR. Credit will not be awarded for both HEA 203 and EMC 102.

**HEA 285 Health Across the Lifespan. (3) I, II.** Consideration of the various conditions and factors affecting individual and community health; special emphasis is on responsible decision-making, formulating philosophies, attitudes, and a behavioral understanding necessary to establish health living practices. Gen. Ed. VI.

**HEA 290 Foundations of Health Education. (3) II.** The history, foundational disciplines, and principles that led to the establishment of health education. The role of health education in the present health care system.

**HEA 315 Issues in Health and Disease. (3) II.** Etiology, effects, remediation, and prevention of disease. Nature of health and environmental issues and forces which shape them.

**HEA 316 Introduction to Public Health. (3) I, A.** An introduction to the organization and functions of public health at local, state, and national levels. Identifies relationship between human ecology and the public's health. Includes projection of future public health direction. Credit will not be awarded for both HEA 316 and HEA 416.

**HEA 320 Introduction to Behavior Change Theory (3) I, II.** Examine theories and models of health behavior relevant to health education in individuals and communities. Students analyze influences on behavior, and evaluate strategies for health education.

**HEA 345 Drugs, the Individual, and Society. (3) I, II.** Effect of drug use and abuse on the individual and society. Personal and community approaches for promoting intelligent decision making regarding drugs.

**HEA 349 Applied Learning in Public Health. (1-8) A.** Prerequisite: departmental approval. Work under faculty and field supervisors in a cooperative placement related to a student's academic studies. Credit varies with hours of employment; one to eight hours per semester or summer. May be retaken to a maximum of 12 hours. Minimum 80 hours employment required for each semester hour credit.

**HEA 349 A-N Cooperative Study: Public Health. (1-8) A.** Prerequisite: departmental approval. Work under faculty and field supervisors in a cooperative placement related to a student's academic studies. Credit varies with hours of employment; one to eight hours per semester or summer. May be retaken to a maximum of 12 hours. Minimum 80 hours employment required for each semester hour credit.

**HEA 350 Interpretation of Health Data. (3) I.** Understanding graphical, statistical, and research techniques used in health. Developing competencies in analyzing and interpreting research results. Credit will not be awarded to students who have credit for ECO 220 or EPY 842 or PSY 291 or QMB 200 or STA 215 or STA 270.

**HEA 375 Family Life Education. (3) I.** Biophysical and psycho social aspects of sexuality and relationships, with emphasis on choices affecting health and well-being. Focuses on developing skills in

teaching and facilitating positive behavior changes for people working in schools and communities. Credit will not be awarded to students who have credit for CDF 232 or WGS 232.

**HEA 380 Mental Health Education. (3) I.** Basic needs for mental and emotional wellness. Emphasis in the selection of appropriate activities for promoting mental health through community agencies.

**HEA 390 Instructor of Standard First Aid and Personal Safety. (1) A.** Designed to develop individual teaching techniques for first aid and to provide adequate knowledge and skills for instruction. Successful completion leads to American Red Cross certification as a Standard First Aid and Personal Safety instructor.

**HEA 391 Instructor of CPR. (1) A.** Prerequisite: HEA 203 or current CPR certification. A course designed to prepare instructors to teach respiratory and circulatory emergencies (CPR). Certification to teach the American Red Cross Adult, Child, Infant, and Community CPR will follow successful completion. Other related pedagogical methods will be explored.

**HEA 420 Senior Seminar in Health Education. (1) II.** Students will draw together skills and knowledge needed to enter the workforce, and will review core competencies required of the health education specialist. Students will prepare to become certified in the field of health education.

**HEA 455 Introduction to Epidemiology. (3) I, A.** Factors that affect the occurrence and courses of diseases—causative agents, susceptible hosts, favorable environments, and the effective use of statistical epidemiological methods.

**HEA 458 AIDS and the Social Response. (2) A.** Cross listed as SWK 458. Prerequisites: SOC 131, PSY 200, and junior standing or departmental approval. Psychosocial aspects of HIV infection. Exploration of methods of responding to and serving people with HIV. Development of population specific prevention strategies. Credit will not be awarded to students who have credit for CHS 342 or SWK 458.

**HEA 460 Community Health Education Process. (3) II.** Prerequisite: CSC 104 or CIS 212 or department chair approval. Planning, organizing, delivering, and evaluating the community health education program. Credit will not be awarded for both HEA 460 and HEA 360.

**HEA 463 Internship in Health Promotion and Administration. (1-6) A.** Supervised experiences for seniors in the directing of Health Promotion and Administration activities in various settings. May be retaken to a maximum of six hours.

**HEA 480 Health Promotion Program Planning. (3) I.** An introduction to principles, strategies, and skills which are necessary for the planning and implementation of health education and health promotion programs in a diversity of settings. Credit will not be awarded for both HEA 480 and HEA 598.

**HEA 490 Evaluation of Health Promotion Programs. (3) I, II.** This course will provide an introduction to principles, strategies, and skills for the evaluation of health promotion programs in a variety of settings. Credit will not be awarded for both HEA 490 and HEA 580.

**HEA 498 Independent Study. (1-3) I, II.** Opportunity for individual work on a health problem in a supervised situation. Restricted to students who have demonstrated ability to complete individual endeavors. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment. May be retaken to a maximum of three hours.

**HEA 590 Health Education: \_\_\_\_\_.** (1-3) A. Study of pertinent problems in health and health education. Includes topics such as: health care delivery, child abuse, teenage pregnancy, community health organizations, elementary school health curriculum, drug education, school health services, health deviations among students, sexually transmitted

diseases, etc. May be retaken with advisor approval provided subtitle is different.

**HEA 591 Women's Health. (3) A.** Cross listed as WGS 591. Analysis of the major health problems of contemporary women with a special emphasis on health promotion, disease prevention, and consumer health concerns. Credit will not be awarded for both HEA 591 and WGS 591.

**HEA 592 Human Sexuality. (3) A.** Cross listed as WGS 592. Study of the biological, social, and psychological aspects of human sexuality. Directed primarily toward those individuals in situations which require them to assist others in understanding the broad impact of one's sexuality. Emphasis is placed upon student development of logical and reasoned justifications for their own value system. Credit will not be awarded for both HEA 592 and WGS 592.

**HEA 593 Death and Grief. (3) A.** Cross listed as WGS 593. A study of attitudes, behaviors, and issues concerning death and grief. Topics include responses to death and grief throughout the life cycle; process of grief and bereavement; theology and death; legal aspects of dying; care of the dying; suicide; post-mortem care; death education. Credit will not be awarded for both HEA 593 and WGS 593.

**HEA 595 Alcohol Abuse and Dependency. (3) A.** Study of the impact of alcohol related attitudes and behaviors on individuals and society. Includes study of influences on choices about alcohol, behavior change strategies, prevention, intervention, and treatment.

**HEA 599 Violence Prevention in Schools and Communities. (3) A.** Exploration of the issues surrounding school and community violence and current strategies for intervention.

**HIS—History**  
**Dr. Christiane Taylor, Chair**

**HIS 098 Introduction to World Civilizations. (3) A.** A course to meet the PCC deficiency in Social Sciences. This course will emphasize the way in which history is researched and written and will foster an understanding of how other related disciplines assist in historical analysis. This course does not count toward graduation.

**HIS 200 Introduction to Historical Methods. (1) A.** Prerequisite: HIS majors only. Prerequisite or Corequisite for all upper division courses for HIS majors. Introduction to reading and writing techniques in History.

**HIS 202 American Civilization to 1877. (3) A.** Transition from colonial to independent republic; social, cultural, and economic institutions derived from agrarian conditions; the influence of European foundations. Required of all majors and minors in history. Gen. Ed. VA, VC, or VII (SBS). [SB].

**HIS 203 American Civilization since 1877. (3) A.** Conflicts between demands of an industrial society and agrarian values; interrelationships between world expressions and American experience. Required of all majors and minors in history. Gen. Ed. VA, VC, or VII (SBS). [SB].

**HIS 204W Historical Inquiry: \_\_\_\_\_.** Writing Intensive. (3) A. Prerequisites: ENG 102 or 105 (B) or HON 105 (B). Introductory exploration of a particular historical problem or theme. Satisfies university's sophomore writing-intensive requirement. Gen. Ed. VA, VC, or VII (SBS). [SB].

**HIS 231 Western Civilization to 1687. (3) A.** Ancient Greece to the industrial revolution; institutions, ideas, and social and economic relationships basic to the modern world. Credit will not be awarded for both HIS 231 and HIS 246. Gen. Ed. VA, VC, or VII (SBS). [SB].

**HIS 232 Western Civilization Since 1687. (3) A.** Industrial revolution to present; transformation of cultural background through ideas, science, and industry, development of current western civilization. Credit will not be awarded for both HIS 232 and HIS 247. Gen. Ed. VA, VC, or VII (SBS). [SB].

**HIS 246 World Civilizations to 1500.**

(3) **I, II.** Analyzes patterns of historical change and interaction in various world civilizations before the modern period. Credit will not be awarded for both HIS 246 and HIS 231. Gen. Ed. VA, VC, or VII (SBS). [SB].

**HIS 247 World Civilizations Since 1500.**

(3) **I, II.** Analyzes patterns of historical change and interaction in various world civilizations during the modern period. Credit will not be awarded for both HIS 247 and HIS 232. Gen Ed. VA, VC, or VII (SBS). [SB].

**HIS 290 Historical Research and Methods.**

(3) **I, II.** HIS majors only. A comprehensive introduction to historical research, writing, and methodologies. Credit will not be awarded for both HIS 201 and HIS 290.

**HIS 300A Topics in U.S. History:**

\_\_\_\_\_. (1-3) **A.** Movements in U.S. history that have influenced and continue to influence the course of American culture and civilization. May be retaken to a maximum of six hours provided topics vary.

**HIS 300B Topics in European History: \_\_\_\_\_.**

(1-3) **A.** Movements in European history that have influenced and continue to influence the course of European culture and civilization. May be retaken to a maximum of six hours provided topics vary.

**HIS 300C Topics in Non-Western History:**

\_\_\_\_\_. (1-3) **A.** Movements in non-Western history that have influenced and continue to influence the course of non-Western cultures and civilization. May be retaken to a maximum of six hours provided topics vary.

**HIS 301 History as Biography: \_\_\_\_\_.**

(3) **A.** Prerequisite: three hours HIS or department approval. Explores the relationship between individual lives and important historical processes and events. Each section will focus on the life of one individual as a case study.

**HIS 302A Research Topics in History:**

\_\_\_\_\_. (3) **I, II.** Prerequisite or Corequisite: HIS 201. Historical research and methodologies using case studies of specific movements in U.S. history that have influenced and continue to influence the course of cultures and civilizations.

**HIS 302B Research Topics in History:**

\_\_\_\_\_. (3) **I, II.** Prerequisite or Corequisite: HIS 201. Historical research and methodologies using case studies of specific movements in European history that have influenced and continue to influence the course of cultures and civilizations.

**HIS 302C Research Topics in History:**

\_\_\_\_\_. (3) **I, II.** Prerequisite or Corequisite: HIS 201. Historical research and methodologies using case studies of specific movements in Non-Western history that have influenced and continue to influence the course of cultures and civilizations.

**HIS 303 Women in American History.**

(3) **A.** Cross listed as WGS 303. Prerequisite: three hours HIS or department approval. Social, economic, and cultural role of women in America. Women's work; social position and status; women in reform movements; feminism and the suffrage movements; the new feminism. Credit will not be awarded for both HIS 303 and WGS 303.

**HIS 304 Slavery in the Americas. (3) A.**

Cross listed as AFA 304. Prerequisite: three hours HIS or departmental approval. The history of slavery, bound labor, and freedom in the Western Hemisphere. Special attention will be given to anti-slavery and abolitionist movements. Credit will not be awarded for both HIS 304 and AFA 304.

**HIS 305 African-American History. (3)**

**A.** Cross listed as AFA 305. Prerequisite: three hours HIS or department approval. African history to 1500; Europe, Africa, and the Americas; trans-Atlantic and domestic slave trades; American slavery; emancipation; post-emancipation experiences and initiatives; persistence of black nationalism. Credit will not be awarded for both HIS 305 and AFA 305.

**HIS 308 Native Americans to 1830. (3)**

**A.** Prerequisite: three hours HIS or departmental

approval. Native American history from pre-contact to the Indian Removal Act of 1830. Emphasis placed on the nature and impact of encounters with Europeans.

**HIS 309 Native Americans Since 1830.**

(3) **A.** Prerequisite: three hours HIS or departmental approval. Native American history from the Indian Removal Era to the present. Emphasis placed on both native perspectives and federal policies.

**HIS 310 History of Science. (3) A.**

The development of scientific concepts through the ages, contribution of science to civilization, philosophy of science, and biographical sketches. Credit will not be awarded for both HIS 310 and SCI 310. Gen. Ed. VII (SBS) or VIII.

**HIS 312 Independent Study in History:**

\_\_\_\_\_. (3) **A.** Individual research and/or reading on a problem area in history. Regular reports and final research paper required. Students must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

**HIS 320 History of the Arab World. (3) A.**

Prerequisite: three hours HIS or department approval. A historical survey of the Arabs, with special attention to the Arab role in the development and spread of Islam, the interaction of the Arabs with other Middle Eastern peoples, and the Arab reaction to the challenge posed by the modern West, all significant factors in the political and cultural shaping of the contemporary Middle East.

**HIS 330 Ancient Egypt. (3) A.**

A survey of Egyptian history from the earliest human activity to the Islamic conquest, considering political, religious, and socio-economic shifts and discussing sources for the study of the ancient past (archaeology, texts, and monuments).

**HIS 336 Greco-Roman Civilization. (3) A.**

Prerequisite: three hours HIS or department approval. Greek society and culture; emergence of the Roman Republic; the Roman Empire.

**HIS 337 Christianity East & West to 1500.**

(3) **A.** Prerequisite: three hours HIS or department approval. Exploration of the emergence and spread of both eastern and western Christianity. Examination of the historical context, including social and cultural influences on the development of Christian communities and perspectives.

**HIS 339 Medieval Civilization. (3) A.**

Prerequisite: three hours HIS or department approval. The collapse of the Classical world; the Germanic migrations; early Byzantine and Islamic civilizations; the Carolingians; the church and society; feudalism; commercial and urban revival; the rise of territorial states and the beginnings of European expansion.

**HIS 341 Europe, 1689-1815. (3) A.**

Prerequisite: three hours HIS or department approval. The Age of Reason; French, German, and British philosophies; 18th-century European politics and economic development; early industrialization; emergence of European dominance; the French Revolution.

**HIS 342 Europe from 1815 to 1914. (3) A.**

Prerequisite: three hours HIS or department approval. Congress of Vienna; revolutionary reform; liberalism; realism and nationalism; worldwide impact of Europe prior to World War I; industrialism; imperialism.

**HIS 343 Europe in the Renaissance**

**Era. (3) A.** Prerequisite: three hours or department approval. Society, culture, economy and politics in Europe, 1348-1533. The "Black Death" and its impact; Italian Renaissance humanism and art; Christian humanism, European expansion and colonialism in the age of Columbus.

**HIS 344 Europe in the Reformation Era.**

(3) **A.** Prerequisite: three hours HIS or department approval. Religion, society and politics in Europe, 1517-1689. The medieval and Renaissance legacies; the development of Protestant and Catholic reform movements; the age of religious wars.

**HIS 345 English History to 1603. (3) A.**

Prerequisite: three hours HIS or department approval. Roman Britain; Feudalism; rise of Parliament; Hundred Years' War; Reformation; Elizabethan Age.

**HIS 346 English History from 1603 to present. (3) A.**

Prerequisite: three hours HIS or department approval. Civil War; imperial expansion; beginnings of industrialization; Victorian Liberalism; two world wars and beyond.

**HIS 347 Recent and Current World History, 1914 to present. (3) A.**

Prerequisite: three hours HIS or department approval. World War I; peace settlement of 1919; problems of security; war debts and reparations; disintegration of peace settlement; World War II; the Cold War.

**HIS 349 Applied Learning in History.**

(1-8) **A.** Prerequisite: departmental approval. Does not apply toward a major or minor in history. Work in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate; sixteen, baccalaureate. A minimum of 80 hours employment required for each semester hour credit.

**HIS 349 A-N Cooperative Study: History.**

(1-8) **A.** Prerequisite: departmental approval. Does not apply toward a major or minor in history. Work in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate; sixteen, baccalaureate. A minimum of 80 hours employment required for each semester hour credit.

**HIS 350 Modern Germany since 1848.**

(3) **A.** Prerequisite: three hours HIS or department approval. Nationalism, liberalism, and the German problem; Bismarck and unification; industrialization and socialism; World War I; Weimar Republic and Depression; Hitler and the Third Reich; World War II and the Holocaust; Federal Republic and GDR; Cold War and beyond.

**HIS 363 History of Russia. (3) A.**

Prerequisite: three hours HIS or department approval. Survey of Russian History from 860 to 1855. Cultural, economic, social, political and diplomatic development of Russia to the end of the Crimean War.

**HIS 365 History of 20th Century Russia.**

(3) **A.** Prerequisite: three hours HIS or department approval. Cultural, social, economic and political events leading to the 1917 Revolution. The history of the Soviet Union including its recent Break-up into independent states.

**HIS 374 East Asian History to 1600. (3) A.**

Prerequisite: three hours HIS or department approval. China and Japan from the beginnings of East Asian civilization in Neolithic times to the early modern period; the development of key social, economic, and political institutions; the Confucian tradition and the introduction of Buddhism; the Mongol era; the late imperial order in China and the emergence of Japanese feudalism.

**HIS 375 East Asian History since 1600.**

(3) **A.** Prerequisite: three hours HIS or department approval. China and Japan from early modern times to the present; the formation of the Ch'ing order in China and Tokugawa Japan; foreign encroachments and internal revolt; the Meiji Restoration; late Ch'ing reform; the Revolution of 1911; warlordism; the Pacific War; Civil War; Japan as superpower and Communist China.

**HIS 378 Modern India. (3) A.**

Prerequisite: three hours HIS or department approval. India since c.1500. Geographical, historical and institutional background to Modern India. Islam and the Mughal Empire. British India and Indian Nationalism. The independence movement. South Asia since independence.

**HIS 380 Mexico: Colony and Nation.**

(3) **A.** Prerequisite: 3 hours HIS or departmental approval. Mexico as a Spanish colony; wars of independence; the Mexican Revolution; modern Mexico. Themes include politics, culture, religion, and United States-Mexican relations.

**HIS 383 Colonial Latin America. (3) A.**

Prerequisite: three hours HIS or department approval. The colonial and independence years in Latin America, with emphasis on the conquest and settlement experiences, and the administrative, cultural, and

socioeconomic trends in the colonies.

**HIS 384 Modern Latin America. (3) A.** Prerequisite: three hours HIS or department approval. The national period in Latin American history, with emphasis on dependency theory, Roman Catholicism in the region, and United States-Latin American relations.

**HIS 385 Early African History. (3) A.** Cross listed as AFA 385. Prerequisite: three hours HIS or departmental approval. History of Africa from earliest times to 1860. Emphasis on social, political, economic, and cultural change in states and societies; oral tradition; the environmental and human activities; slavery and the slave trades. Credit will not be awarded for both HIS 385 and AFA 385.

**HIS 386 Modern African History. (3) A.** Cross listed as AFA 386. Prerequisite: three hours HIS or departmental approval. History of Africa from the 19th century to the present. Themes include: trade and politics; European conquest and African resistance; rural survival and urban popular culture; race, class, gender, ethnicity, and age; African nationalism and independence. Credit will not be awarded for both HIS 386 and AFA 386.

**HIS 388 Islam in West Africa. (3) A.** Cross listed as AFA 388. Prerequisite: three hours of HIS or departmental approval. History of Islam and politics in West Africa from 1000 C.E. to the present. Emphasis on the role of Islam in major socio-economic, political, and cultural transformations of West African states and societies. Credit will not be awarded for both HIS 388 and AFA 388.

**HIS 401 American Colonial Period. (3) A.** Prerequisite: three hours HIS or department approval. Political and social history of the 13 colonies and their neighbors; European background; settlement; westward expansion; intercolonial conflicts; beginnings of culture; colonial opposition to imperial authority.

**HIS 402 Revolutionary America. (3) A.** Prerequisite: three hours HIS or department approval. Colonial background of Revolution; internal and external nature of Revolution; problems associated with Confederation; events leading to the American Constitution.

**HIS 403 Age of Jefferson and Jackson. (3) A.** Prerequisite: three hours HIS or department approval. Political, economic, and cultural changes in American society during the first half of the nineteenth century.

**HIS 404 Life in Industrializing America. (3) A.** Prerequisite: three hours of HIS or departmental approval. Early industrialization and its affects on everyday life, economically, socially, and politically, 1830-1870.

**HIS 405 America's Westward Expansion. (3) A.** Prerequisite: three hours HIS or department approval. Colonial frontier; trans-mountain movements; Indian problems; Manifest Destiny; the sectional struggle; mining; railroads; cattle; agriculture.

**HIS 406 Nineteenth-Century South. (3) A.** Prerequisite: three hours HIS or department approval. Emphasis on slavery and emancipation in the American South, on plantations and farms, through war and reconstruction, and into the industrial transformation of the New South.

**HIS 407 American South in the 20th Century. (3) A.** Prerequisite: three hours HIS or department approval. The American South in a modernizing and industrial age; racial capitalism and labor activism; perceptions of Southern "backwardness" and governmental modernization efforts; the Black liberation movement.

**HIS 411 America, 1877-1920. (3) A.** Prerequisite: three hours HIS or department approval. Western expansion; industrialization; America's becoming a world power; reform movements; immigrants', African-Americans', and women's lives; World War I; popular culture.

**HIS 412 U.S. in Peace and War, 1920-1945. (3) A.** Prerequisite: three hours HIS or department approval. The 1920's; the New Deal; the changing role of government; America's role in world affairs; World War II; popular culture.

**HIS 413 America Since 1945. (3) A.**

Prerequisite: three hours HIS or department approval. Cold War; problems of world leadership; Korea, Vietnam, the Gulf; affluence and recession; the reality and conflicts of pluralism; crises in political, social, and economic life.

**HIS 420 Appalachia in America History. (3) A.** Cross listed as APP 420. Prerequisite: three hours HIS or department approval. The relationship between Appalachia and the rest of the United States. Topics include the "yeoman" myth, coal industrialization, settlement houses, company towns, and the identification of the region with poverty. Credit will not be awarded to students who have credit for APP 420.

**HIS 424 Civil War and Reconstruction. (3) A.** Prerequisite: three hours HIS or department approval. Intellectual, social, and political roots of the sectional crisis; military and social perspectives on the war years; the continuation of the sectional crisis in Reconstruction.

**HIS 433 American Diplomatic History. (3) A.** Prerequisite: three hours HIS or department approval. American foreign relations from the late 19th century to the present; emphasis on development of major trends such as isolationism, imperialism, and internationalism.

**HIS 434 History of the Vietnam War. (3) A.** Prerequisite: three hours of HIS or departmental approval. This course investigates the American experience in Vietnam by examining the diplomatic, political, economic, social, military, and cultural dimensions of the war.

**HIS 435 U.S. Civil Rights Movement. (3) A.** Cross listed as AFA 435. Prerequisites: three hours HIS or departmental approval. Examination through primary and secondary sources of the origins, course, ideologies, and legacy of the mid-twentieth century American movement for racial justice and equality. Discussion of the central scholarly issues in civil rights studies. Credit will not be awarded for both HIS 435 and AFA 435.

**HIS 449 Readings in History. (3) A.**

Prerequisites: HIS major and three hours upper-division HIS. Reading and analysis of important historic literature.

**HIS 450W Senior Seminar in History. (3) A.** Prerequisites: ENG 102 or 105 (B) or HON 102. HIS major and six hours upper division HIS, HIS 302(A) or 302(B) or 302(C); HIS 200, 201 or 290. Research and writing in History. Credit will not be awarded for both HIS 450 and HIS 450W.

**HIS 474 Transformation of China. (3) A.** Prerequisite: three hours HIS or department approval. The transformation of China from the Qing dynasty (1644-1911) to the People's Republic; the impact of the West; the Nationalist government, the rise of the Chinese Communist party, and the Cultural Revolution.

**HIS 475 History of Modern Japan. (3) A.** Prerequisite: three hours HIS or department approval. Japan from 1600 to the present. Included will be the arrival of the West, industrialization, militarism, World War II, and Japan as economic superpower.

**HIS 516 Kentucky History. (3) A.** Prerequisite: three hours HIS or department approval. Social, economic, and political survey; Kentucky's role in national developments.

#### **HLS—Homeland Security Dr. Kay Scarborough, Coordinator**

**HLS 101 Introduction to Homeland Security. (3) A.** Principles and practices associated with the emerging discipline of homeland security. Policies, directives, national plans, and legislation that shape and define the ongoing evolution of homeland security. Key issues including civil liberties and diversity. Relationship to public safety, private security, and national security.

**HLS 201 Emergency Management. (3) A.** Emergency planning and response for various risks, threats, and hazards. Integration and coordination of different public safety disciplines; federal, state, and

local responsibilities; role of private sector.

**HLS 225 Legal & Ethical Issues in Homeland Security. (3) A.** Survey of American constitutional and national security law, homeland security legislation and executive orders, and judicial opinions. Review of international law, conventions, and declarations. Examination of conduct codes, ethical decision-making, ethical leadership, and moral courage.

**HLS 301 Critical Infrastructure Protection. (3) A.** Prerequisite: HLS 101 or departmental approval. Identification, prioritization, and protection of critical infrastructure including information technology, telecommunications, chemical, transportation, energy, water, medical, emergency services, postal and shipping. Impact on personal safety and economic performance.

**HLS 321 Critical Problem Analysis. (3) A.** Critical analysis of various risks, threats, and hazards. Critical thinking and analytical techniques for identifying, describing, disaggregating, and explaining different types of homeland security problems.

**HLS 341 Cyber Security. (3) A.** Overview of the national computer and networked infrastructure that supports national security, including system protection, Global and financial implications of cyber terrorism. Impact of cyber security on privacy and civil liberties.

**HLS 349 Applied Learning in HLS. (1-12) A.** Prerequisites: Department Chair approval, a minimum GPA of 2.0, a minimum of 30 hours completed. The student works under faculty and field supervisors in placements related to the student's academic studies. A minimum of 80 hours work required for each academic credit. May be retaken to a maximum of twelve hours.

**HLS 349 A-N HLS Cooperative Study. (1-12) A.** Prerequisites: Department Chair approval, a minimum GPA of 2.0, a minimum of 30 hours completed. The student works under faculty and field supervisors in placements related to the student's academic studies. A minimum of 80 hours work required for each academic credit. May be retaken to a maximum of twelve hours.

**HLS 391 Vulnerability & Risk Assessment. (3) A.** History and process of vulnerability and risk assessment (VRA) as it relates to the protection of critical assets and infrastructure. Instruction in common VRA techniques used in both the public and private sectors.

**HLS 401 Intelligence Analysis. (3) A.** Key questions facing the U.S. intelligence community and its role in homeland security, national defense, and international affairs, with a focus on policy, oversight and intelligence support. Collection, analysis, sharing and dissemination of information within and between local, state, and federal government agencies and the private sector.

**HLS 402 Counterintelligence. (3) A.** History, structure and operations of the US counterintelligence community. Includes legal foundations of counterintelligence and critiques of recommended changes to the community.

**HLS 435 HLS Special Topics. (1-12) A.** Study of contemporary issues and special topics in homeland security. May be retaken to a maximum of twelve hours under different subtitles.

**HLS 441 Homeland Security Technology. (3) A.** Broad overview of homeland security technology. Technology as a tool to support homeland security regardless of functional specialty. Contribution of technology to deterrence, preemption, prevention, protection, and response.

**HLS 445 HLS Field Experience. (1-12) A.** Prerequisites: Department Chair approval, a minimum GPA of 2.0, and a minimum of 30 hours completed. This course is designed to broaden the educational experience through appropriate observational work assignments in cooperating agencies. A minimum of 80 hours of observation is required for each academic credit. May be retaken to a maximum of twelve hours.

**HLS 451 Disaster Preparedness & Response. (3) A.** Concepts, theories, principles,

programs and requirements of emergency preparedness, governmental planning, practice, exercises, hazard and risk assessment, and team building. Overview of the relationship of preparedness to response, emergency operations and incident command systems.

**HLS 455 HLS Independent Study. (1-6) A.** Prerequisites: Department Chair approval, a minimum GPA of 2.0, a minimum of 30 hours completed. Individual reading and research on a problem within the field of homeland security. Students must have independent study proposal form approved by faculty supervisor and department chair prior to enrollment. May be retaken to a maximum of six hours.

**HLS 461 Disaster Recovery. (3) A.** Recovery from disasters and other types of risks, threats, and hazards. Business and government community, critical infrastructure restoration, aid to individuals and communities, and differential impact on low income and minority groups.

**HLS 491 Emergency Planning. (3) A.** Emergency planning requirements, methods and applications for all levels of government and business, including hazard mitigation and emergency operations planning; also considers planning for universities, colleges and secondary schools.

**HLS 495 Homeland Security Colloquium. (3) A.** Prerequisite: HLS senior standing or departmental approval. Senior capstone course requiring synthesis and application of prior course work in homeland security. Students complete senior project within a strategic planning framework.

**HON—Honors Program Courses**  
**Dr. Linda Frost, Director**

**HON 100 Honors Seminar. (1) I.** This course is designed to be an introduction to the Honors Program and will include selected readings and discussions, guest speakers, and enrichment experiences.

**HON 102 Honors Rhetoric. (6) I.** Designed to improve skills in writing, reasoning, oral presentation, and research. Each student will do a research paper that requires both significant use of library resources and the development of a cogent line of argument. Gen. Ed. IA and IB [WC].

**HON 205W Honors Humanities I. (3) II.** Formerly HON 205. This course (together with HON 306) provides a survey of great works in the humanities from ancient times to the twentieth century. Credit will not be awarded for both HON 205W and HON 205. Gen. Ed. IIIA [AH].

**HON 210W Honors Civilization I. (3) II.** Formerly HON 210. Analyzes the historical development of Western and other major civilizations to the eve (c. 1700) of the Industrial Revolution with emphasis on: Ancient Greece, the historical setting for an Asian Religion, Europe c. 1300, and Europe c. 1650. Credit will not be awarded for both HON 210W and HON 210. Gen. Ed. VA. [SB].

**HON 304 Special Topics. (3) A.** A topics course meeting the goals of the Honors Program. A service-learning version of HON 304 may also be offered. Students may earn up to six hours from any combination of HON 304/304S, providing the topics differ. Gen. Ed. VII (QS). Effective Fall 2010 (CAA approved 12/17/09).

**HON 304S Special Topics. (3) A.** A service-learning topics course meeting the goals of the Honors Program. A non-service-learning version of HON 304S may also be offered. Students may earn up to six hours from any combination of HON 304/304S, providing the topics differ. Gen. Ed. VII (QS).

**HON 306W Honors Humanities II. (3) II.** This course (together with HON 205W) provides a survey of great works in the humanities from ancient times to the twentieth century. Credit will not be awarded for both HON 306W and HON 306. Gen. Ed. IIIA. [AH].

**HON 308 Special Topics. (3) A.** A topics course meeting the goals of the Honors Program. May

be retaken with different topics to a maximum of six hours. Gen. Ed. VII (AH).

**HON 311W Honors Civilization II. (3) I.** Formerly HON 311. Analyzes the economic, political, and intellectual forces that have changed the world since c. 1700 A.D. with emphasis on the French Revolution, the Industrial Revolution, Imperialism, the World Wars and the Emergence of the Third World. Credit will not be awarded for both HON 311W and HON 311. Gen. Ed. VC. [SB].

**HON 312 Special Topics. (3) A.** A topics course meeting the goals of the Honors Program. A service-learning version of HON 312 may also be offered. Students may earn up to six hours from any combination of HON 312/312S, providing the topics differ. Gen. Ed. VII (SBS). Effective Fall 2010 (CAA approved 12/17/09).

**HON 312S Special Topics. (3) A.** A service-learning topics course meeting the goals of the Honors Program. A non-service-learning version of HON 312S may also be offered. Student may earn up to six hours from any combination of HON 312/312S, providing the topics differ. Gen. Ed. VII (QS).

**HON 315 Honors Science. (3) II.** In-depth treatment of a centrally important concept or conceptual scheme in science, illustrating the nature of scientific inquiry and the relationship between science and other human endeavors. Class discussion and writing will be stressed.

**HON 316 Special Topics. (3) A.** A topics course meeting the goals of the Honors Program. May be retaken with different topics to a maximum of six hours. Gen. Ed. VII (NS).

**HON 320 Special Topics. (3) A.** A topics course meeting the goals of the Honors Program. May be retaken with different topics to a maximum of six hours.

**HON 390 Directed Topics in Honors. (1-3) A.** Prerequisite: approval of honors program director. Specialized study of selected topics usually culminating in an official presentation at a conference such as the National Collegiate Honors Conference. Student must have the special topics proposal form approved by a faculty mentor prior to enrollment. May be retaken with different topics to a maximum of six hours.

**HON 420 Thesis Project and Seminar. (3-6) I, II.** An in-depth thesis or major project, approved by the honors director, and presented in a suitable format within the seminar.

**HSA—Health Services Administration**  
**Dr. Michael Ballard, Chair**

**HSA 100 Introduction to the Health Science Field. (3) I, II.** Overview of U.S. health care: history, factors influencing health and health care, identification and organization of health facilities and professionals, health economics, health trends, and ethics.

**HSA 200 Medical Terminology I. (3) I, II.** Formerly MAS 200. Basic medical vocabulary consisting of prefixes, suffixes, roots; anatomical, symptomatic, and common disease terms of the body systems.

**HSA 201 Medical Terminology II. (3) I, II.** Formerly MAS 201. Prerequisite: MAS 200. Includes surgical instruments and procedures, diseases, laboratory tests, clinical procedures, and abbreviations for each system. Terms related to oncology, radiology, nuclear medicine, pharmacology, psychiatry, systemic disorders, and autopsy procedures.

**HSA 302 Organization and Management of Health Services. (3) I, II.** Prerequisite: HSA 100 (minimum grade of "C"). Analysis of structure, function, and internal and external forces impacting healthcare services. Identification of management topics and trends.

**HSA 303 Fundamentals of Medical Science. (4) I, II.** Formerly HSA 203. Prerequisites: HSA 200, BIO 171, and 301 (minimum grade of "C").

An introduction to the study of disease—its causes, symptoms, and treatment.  
3 Lec/2 Lab.

**HSA 306 Medical Nosology. (4) I, II.** Prerequisite: HSA 203 and 302 with a minimum grade of "C" or departmental approval. HCPCS and ICD-9-CM coding and reimbursement systems for physician services and hospital inpatient and outpatient services.  
3 Lec/2 Lab.

**HSA 370 Health Information Management Systems. (4) I, II.** Prerequisites: HSA 100, 302, CCT 290 or CIS 230 or CIS 300 (minimum grade of "C"). Health information systems, systems analysis, and health data base management.

**HSA 372 Health Care Reimbursement Systems. (3) I, II.** Prerequisite: HSA 302 and 306 (minimum grade of "C"). An in-depth analysis of health care reimbursement systems; health insurance fraud and abuse; and procedures for patient accounting and cash flow forecasting.

**HSA 375 Health Services Administration. (3) I, II.** Prerequisites: MGT 301 or 300, MGT 320; HSA 302 (minimum grade of "C"). Application of financial principles, strategic planning, marketing, and leadership skills to selected health care organizations.

**HSA 401 Legal Issues in Health Care. (3) I, II.** Prerequisite: HSA 302 (minimum grade of "C"). Legal status, documentation requirements, and liability related to medical records and health care issues.

**HSA 405 Clinical Information Management. (3) I, II.** Prerequisites: HSA 370, HSA 401, HSA 406 (minimum grade of "C"). Review of health trends related to the management of clinical information systems. Course format will include mock committee meetings and role playing.

**HSA 406 Health Care Quality Management. (3) I, II.** Prerequisites: HSA 203, 302, STA 215 or 270 (minimum grade of "C"). A study of total quality management, utilization review, and risk management functions in a health care setting.

**HSA 407 Advanced Health Services Administration. (3) I, II.** Prerequisite: HSA 375 (minimum grade of "C"). Advanced study in trends relating to the management of health care organizations and the leadership role of health services administrators.

**HSA 409 Health Services Research Methods. (3) I, II.** Prerequisites: HSA 203, 302, STA 215 or 270 (minimum grade of "C"). Introduction to the process of research, related terminology and statistical techniques, significance to health care, critique of published research articles, and development of a protocol.

**HSA 412 Professional Practice Experience. (1-6) I, II.** Prerequisite: departmental approval. Internship assignment to health care organizations for observation and practice of management functions. May be retaken for a maximum of six credit hours.

**HSA 498 Independent Study in Health Services Administration. (1-6) A.** Prerequisite: student must have the independent study proposal approved by faculty supervisor and department chair prior to enrollment. Directed study or research on an issue or area of interest to the field of health services administration. May be retaken to a maximum of six hours.

**HSO—Health Sciences Orientation**  
**Dr. David D. Gale, Dean**

**HSO 100 Academic Orientation. (1) A.** Orientation to the academic life and career preparation with emphasis on University regulations, catalog details, registration, career opportunities, and program requirements. Open to all students during their first two semesters of enrollment at EKU; beyond that open to students with fewer than 30 semester hours earned.

**HUM—Humanities**

Dr. Ezra Engling, Chair

**HUM 124 Humanities and the Search for Meaning. (3) I, II.** An introduction to the comparative and interdisciplinary study of culture. Gen. Ed. IIIA/IIIB. [AH].

**HUM 226 The Search for Meaning: The Ancient World. (3) I, II.** Comparative and interdisciplinary approaches to the study of culture in the ancient world. Gen. Ed. IIIA/IIIB. [AH].

**HUM 228 The Search for Meaning: The Modern World. (3) I, II.** Comparative and interdisciplinary approaches to the study of culture in the modern world. Gen. Ed. IIIA/IIIB. [AH].

**HUM 300 Humanity in the Postmodern Age. (3) A.** Comparative and interdisciplinary approaches to the study of culture since 1945. Credit will not be awarded for both HUM 300 and 300W. Gen. Ed. IIIA/IIIB or VII (AH). [AH].

**HUM 300W Humanity in the Postmodern Age: Writing Intensive. (3) A.** Prerequisites: ENG 102 or 105 (with a grade of “B” or better) or HON 102; HUM 226 or ENG 211; HUM 228 or ENG 212. Comparative and interdisciplinary approaches to the study of culture since 1945. Credit will not be awarded for both HUM 300 and 300W. Gen. Ed. IIIA/IIIB or VII (AH). [AH].

**HUM 302 Comparative Humanities. (3) A.** An introduction to classic, formalist, structuralist, and post-structuralist approaches to the analysis of literature, visual culture, music, the dramatic arts, and design. Emphasis on integrative thinking.

**HUM 304 Comparative Humanities. (3) A.** An introduction to classic, formalist, structuralist, and post-structuralist approaches to the analysis of literature, visual culture, music, the dramatic arts, and design. Emphasis on integrative thinking.

**HUM 320 Classical Humanities. (3) +A.** Critical analysis of visual culture, literature, architecture, and thought from prehistory, archaic and classical cultures: Egypt, Greece, Rome reflecting the achievements and values of the ancient Mediterranean civilizations.

**HUM 330 Medieval Humanities. (3) A.** Critical analysis of art, music, and literature from the Judaic, Christian and Islamic traditions emphasizing the confluence of these traditions in the European Middle Ages.

**HUM 340 Renaissance and Enlightenment. (3) A.** Critical analysis of art, music, and literature from the Renaissance, Baroque, and the Enlightenment reflecting the religious and secular energies of Western culture and the colonial world.

**HUM 350 Modern Humanities. (3) A.** Science, globalization, and cultural diversity in the Modern World; critical analysis of art, music, and literature reflecting the modernization of culture and the human condition since the Enlightenment.

**HUM 360 Non-Western Traditions. (3) A.** Studies in the literature, visual and dramatic arts, music, and design of non-Western cultures. This course may focus on a single or on multiple non-Western traditions in a given semester. Repeatable up to six hours with permission of department chair.

**HUM 395 Independent Work in Humanities. (1-3) A.** Prerequisite: HUM 226 or 228. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment. May be retaken to a maximum of six hours if topic is different.

**HUM 490 Topics in Humanities: \_\_\_\_\_. (3) A.** Selected topics in Interdisciplinary Humanities. May be repeated with permission of the department for up to six hours.

**HUM 499 Humanities Thesis. (3) A.** An in-depth thesis project, approved by the department chair, directed by a Humanities faculty member, and presented in the form of a research paper with appropriate visual or audio materials.

**IES—Foreign Exchange Studies**

Dr. Neil Wright, Director

**IES 300 Foreign Exchange Study. (1) I, II.** Prerequisites: sophomore standing, and approval from the International Director as an appointed exchange student. This course may be repeated for each semester spent studying abroad and is a Satisfactory/Unsatisfactory course.

**IES 400 Foreign Exchange Studies. (1) I, II.** Students attending foreign institutions as exchange students with tuition waivers must be enrolled in GSE 400 during the exchange semester.

**INS—Insurance**

Dr. Oliver Feltus, Chair

**INS 349 Applied Learning in Insurance. (1-8) A.** Prerequisites: minimum GPA of 2.25 and 60 credit hours. Co-op Coordinator approval is required. Approved work experience directly related to academic major and/or career goals. Minimum of 80 hours work required per credit hour. Six hours may be used as a major elective. May be repeated for a total of 16 credit hours.

**INS 349 A-N Cooperative Study: Insurance. (1-8) A.** Prerequisites: minimum GPA of 2.25 and 60 credit hours. Co-op Coordinator approval is required. Approved work experience directly related to academic major and/or career goals. Minimum of 80 hours work required per credit hour. Six hours may be used as a major elective. May be repeated for a total of 16 credit hours.

**INS 370 Principles of Risk and Insurance. (3) I, II.** Theory and practice of insurance and its economic and social significance; basic life, health, and property-liability insurance for organizations and families; review of the major lines of insurance.

**INS 372 Fundamentals of Property-Liability Insurance. (3) A.** Prerequisite: INS 370 or instructor approval. Planning and evaluating non-personal property-liability insurance; analysis of insurance coverage against pure risk related to property-liability insurance exposure.

**INS 374 Fundamentals of Life and Health Insurance. (3) A.** Prerequisite: INS 370 or instructor approval. Analysis of life and health insurance and annuity products available in the individual market. Includes a discussion of systems for determining the individual’s life and health insurance needs.

**INS 378 Risk Management. (3) A.** Risk Management as used by organizations; basic functions of risk management with emphasis placed on risk management decision making.

**INS 380 Personal Risk Management. (3) A.** Prerequisite: INS 370 or instructor approval. An intensive examination of personal loss exposures and their treatment. Emphasized is the use of risk management techniques. Topics include property and liability loss exposures for personal automobile, homeowners, premature death, illness, accidental injury, superannuation, investment risks, and estate planning.

**INS 400 Seminar in Insurance. (1-3) A.** Prerequisite: instructor approval. Selected topics of special and contemporary interest to insurance majors. May be retaken under different subtitles to a maximum of six hours.

**INS 460 Insurance Agency Operations (3) A.** This course examines the unique operations of an equally unique small business, the insurance agency. It will apply material used in other courses such as management, marketing, accounting, finance, and insurance. These business administration principles will be distilled into components that may be applied to the operation of an insurance agency. This course will prepare the student for one part of the Accredited Advisor in Insurance (AAI) specialty designation awarded by the Insurance Institute of America.

**INS 474 Life Insurance and Estate Planning. (3) A.** Prerequisite: INS 374 or instructor

approval. Role of life insurance, gifting and trusts in estate planning; considerations of developing an estate plan for the individual or the family.

**INS 476 Employee Benefit Planning. (3) A.** Prerequisite: INS 370 or instructor approval. Employee benefit plans including taxation, costs, and choices of funding. Includes an analysis of the role of employee benefit plans in meeting the risks of death, sickness, disability and superannuation.

**INS 486 Insurance Company Operations. (3) A.** This course examines unique insurance functions including underwriting, reinsurance, ratemaking, claims adjusting, loss control and other insurer activities. It will prepare the student for an examination administered by the American Institute for CPCU. Capstone course.

**INS 490 Special Problems in Insurance. (1-6) A.** Prerequisite: advisor/departmental approval. May be retaken under different sub-topics to a maximum of six hours. Independent work, special workshops, special topics, or seminars. Student must have the independent study course proposal form approved by faculty supervisor and department chair prior to enrollment.

**ITP—Interpreter Training Program**

Dr. Laurence Hayes, Chair

**ITP 215 Professional Ethics and Issues in Interpreting. (3) A.** Prerequisites: ASL 201 and ITP 115 or ASL 225 with a minimum grade of “C” or departmental permission. Terminology, procedures and ethical professional considerations relevant to interpreting and transliterating. Topics include Registry of Interpreters for the Deaf, Code of Professional Conduct application, structuring the interpreting environment, communication assessment, human relations skills, historical developments, and current trends.

**ITP 220 Processing Skills for Interpreters. (3) II.** Prerequisite: ASL 201 with a minimum grade of “C” or departmental permission. Practice of cognitive skills used in the process of interpreting. Skills include visualization, prediction, listening, memory, abstracting, closure, dual tasking, and processing time.

**ITP 310 Professional Relationship Ethics. (1) I.** Prerequisite: admission in the interpreting program or departmental permission. Introduction to business ethics and decision making. Detailed analysis of first and lasting impressions, building rapport and working in the interpreting profession. Critical thinking skills in the decision making process of working with diverse groups.

**ITP 320 English-to-ASL Interpreting I. (3) A.** Prerequisites: admission in the interpreting program, ASL 202, ITP 215, 220 with minimum grades of “C” or departmental permission. Development of English-to-ASL interpreting skills using consecutive and simultaneous modes with a variety of source materials. Clinical hours required.

**ITP 325 ASL-to-English Interpreting I. (3) I.** Prerequisites: admission to the interpreting program, ASL 202, ITP 215, 220 with a minimum grade of “C” or departmental permission. Development of interpreting skills progressing from written translation to consecutive interpreting/ transliterating in a variety of settings. Clinical hours required.

**ITP 330 Ethics and Special Settings I. (3) II.** Prerequisite: admission to the interpreting program or departmental permission. Critical analysis of interpreting in various settings. Development of communication and ethical decision-making skills. Clinical hours required.

**ITP 350 Historical Perspectives on the Deaf Community. (3) II.** Prerequisite: ASL 301 with a minimum grade of “C” or departmental permission. This course examines the Deaf Community and its historical events. The course is organized to focus on the historical, sociopolitical, sociolinguistic and psychosocial forces that influence Deaf People’s

experience in both the United States and other countries.

**ITP 380 Special Topics in Interpreting: \_\_\_\_\_.** (1-3) A. Prerequisite: departmental approval. For independent work, special workshops, or special topics related to the field of interpreting beyond the scope of regularly offered courses. May be taken to a maximum of 9 hours provided subtitle/topics vary.

**ITP 390 Linguistics and ASL I.** (3) II. Prerequisites: admission in the Interpreter Training program, ASL 301 with a minimum grade of "C" or departmental permission. Overview of linguistics; phonology, morphology and language change in a variety of languages and American Sign Language. Analysis of ASL and spoken languages. Clinical hours required.

**ITP 410 Professional Relationship Ethics II.** (3) Prerequisites: ITP 310 and admission to the interpreting program or departmental permission. Discussion of best business practices in managing human and fiscal resources, work environment, market trends and relevant legislation. Portfolio development and considerations discussed.

**ITP 420 English-to-ASL Interpreting II.** (3) I. Prerequisites: admission in the interpreting program, ASL 302, ITP 320, 325 with a minimum grade of "C" or departmental permission. Continued development of English-to-ASL interpreting skills with added focus on registers, settings, and audience preferences. Clinical hours required.

**ITP 425 ASL-to-English Interpreting II.** (3) I, II. Prerequisites: admission to the interpreting program; ASL 302, ITP 320, 325 with a minimum grade of "C" or departmental permission. Continued development of ASL-to-English interpreting skills in a variety of settings. Clinical hours required.

**ITP 430 Ethics & Special Settings II.** (3) I. Prerequisites: admission in the interpreting program, ASL 302, ITP 320 and 325 with minimum grades of "C" or departmental permission. Continued critical analysis of interpreting in various multicultural and specialized settings. Continued development of ethical and culturally competent decision-making skills. Clinical hours required.

**ITP 470 Practicum in Interpreting I.** (3) I. Prerequisites: admission in the Interpreter Training program, ASL 302, ITP 320, 325, 370 with minimum grades of "C" or departmental permission. Observation and interpreting experience under the supervision of a mentor(s) in a variety of settings. Clinical hours required.

**ITP 480 Interactive Interpreting (3) I.** Prerequisites: Admission to the interpreting program, ASL 302, ITP 320, 325 with a minimum grade of "C" or departmental permission. Students will integrate, broaden, and apply skills and knowledge developed in interpreting courses by experiential practice in interactive interpreting. Students will develop skills in interpreting conversations, discussions, explanations, interviews, and other types of dialogue genres.

**ITP 490 Linguistics and ASL II.** (3) I. Prerequisites: admission in the Interpreter Training program, ITP 390 with a minimum grade of "C" or departmental permission. Overview of syntax, discourse, and sociolinguistics. Analysis of American Sign Language and spoken languages. Clinical hours required.

**ITP 495 Practicum in Interpreting II.** (12) I, II. Prerequisites: admission in the Interpreter Training program, ITP faculty approval, completion of all other ASL/ITP classes with minimum grades of "C". A structured full time practicum interpreting experience under the direct supervision of a mentor(s) in an educational, public or private setting. Students will interpret, participate in professional growth activities, keep professional journals and adhere to all guidelines and requirements in the ITP 495 student practicum handbook. Potential practicum sites may be local, state wide, regional or national.

**JOU—Journalism**  
**Dr. Liz Hansen, Interim Chair**

**JOU 302 Journalism Practicum.** (1-3) I, II. Supervised practical experience in a journalistic operation. May be taken to a maximum of three hours.

**JOU 305 Feature Writing.** (3) I, II. Prerequisites: COM 201 or permission of instructor. Writing and submitting articles for publication in newspapers and magazines. Involves studying requirements of periodicals to which sale is attempted and free-lancing methods in general.

**JOU 305W Feature Writing.** (3) I, II. Prerequisites: ENG 101 and 102 (or ENG 105) and COM 201 or permission of instructor. Writing and submitting articles for publication in newspapers and magazines. Involves studying requirements of periodicals to which sale is attempted and free-lancing methods in general. Credit will not be awarded for both JOU 305 and 305W.

**JOU 307 Editorial and Opinion Writing.** (3) A. Prerequisite: COM 201. Study of editorials, editorial columns, commentary pieces, reviews and criticism. Examines editorial boards, generating ideas for columns, and writing book, theater and film criticism. Provides practice in writing opinion pieces for publication.

**JOU 310 News Editing.** (3) I, II. Prerequisite: COM 201. Understanding the editing process in newspapers and magazines. Examines content and style editing, headline writing and publication design. Explores new technology as an editing tool. Provides both theory and practice in editing.

**JOU 320 Design for Newspapers and Magazines** (3) I, II. Formerly COM 320 A-H. Introductory desktop publishing and image-processing for non-designers. Examines principles and techniques central to publishing newspapers, magazines, brochures, and newsletters within a journalism context. Credit will not be awarded for both JOU 320 and PUB 320.

**JOU 325 Photojournalism.** (3) I, II. Examines principles of digital photography, stressing hands-on skills in producing professional quality images. Looks at role the photojournalist serves in newspaper and magazine production. Provides an introduction to color correction in Photoshop.

**JOU 349 Applied Learning in Journalism.** (1-8) A. Prerequisites: junior standing, "B" average in all courses within the department, and departmental approval. Work under faculty and field supervisors in placements related to academic studies. One to eight hours of academic credit per semester or summer. Total hours: eight, associate; sixteen, baccalaureate. A minimum of 80 hours work required for each hour of academic credit. May not satisfy major or minor requirements within the department.

**JOU 349 A-N Cooperative Study: Journalism.** (1-8) A. Prerequisites: junior standing, "B" average in all courses within the department, and departmental approval. Work under faculty and field supervisors in placements related to academic studies. One to eight hours of academic credit per semester or summer. Total hours: eight, associate; sixteen, baccalaureate. A minimum of 80 hours work required for each hour of academic credit. May not satisfy major or minor requirements within the department.

**JOU 401 Public Affairs Reporting.** (3) A. Prerequisite: COM 201. Writing and reporting about national, state, and local government and specialized fields of labor, science, research and business. Includes writing and reporting for wire services and daily newspapers.

**JOU 410 Advanced Photojournalism.** (3) A. Prerequisite: JOU 325. Study of newspaper and magazine photojournalism with emphasis on the photographic essay, the role of the photojournalist and the photo editor, and digital technologies. Provides experience in black and white and color photography.

**JOU 412 Multimedia Web Development.** (3) I, II. Prerequisite: PUB 320 or JOU 320. An introduction to the communication theory, strategies, tools and techniques of multimedia Web development. Emphasis on interactivity theory, interactive applications and functionality, graphics, and use of HTML, CSS and Flash. Credit will not be awarded for both JOU 412 and PUB 412.

**JOU 415 Advanced Editing.** (3) A. Prerequisite: JOU 310. Intensive study of newspaper design. Emphasizes practice in electronic editing, headline writing, and layout.

**JOU 425 Community Journalism.** (4) A. Prerequisites: COM 201 and JOU 310. Intensive study of community newspapers and their relationship to their communities, including methods of assessment.

**JOU 450 Newspaper and Magazine Management.** (3) A. Prerequisites: COM 201 and JOU 310. Problems of organization, finance, production, and distribution of daily and weekly newspapers and magazines. Examines factors involved in publishing, staffing, equipment evaluation and purchase, and policy formulation.

**JOU 480 Writing and Selling Nonfiction.** (3) A. Prerequisites: ENG (101 and 102) or 105 or HON 102. How to write and sell nonfiction articles for magazines. Credit will not be awarded for ENG 500/700 taught as "Writing for the Popular Media."

**JOU 491 Senior Seminar.** (1) I, II. Prerequisites: JOU 302 or 349. Evaluates student's progress toward a career in mass media, especially the development of a portfolio, and develops job-search strategies and skills. Includes assessment of instruction and curriculum.

**JPN—Japanese**  
**Dr. Ezra Engling, Chair**

**JPN 101 Conversational Japanese I.** (3) I, II. An introduction to the grammar and structure of Japanese taught in cultural context. Practice in pronunciation, reading, and writing systems with an emphasis on conversation. Gen. Ed. VIII.

**JPN 102 Conversational Japanese II.** (3) A. Recommended: JPN 101 or equivalent proficiency. Continuation of JPN 101. Emphasis on conversation. Students entering JPN 102 by referral or placement will receive three hours credit for JPN 101 if they make an "A" in 102. Laboratory work required. Gen. Ed. VIII.

**JPN 201 Intermediate Japanese I.** (3) A. Recommended: JPN 102 or equivalent proficiency. Continuation of JPN 102. Practice in writing kanji, reading, and speaking on cultural topics for diverse social settings requiring increasingly complex structural patterns. Students entering JPN 201 by referral or placement receive six hours credit for JPN 101 and 102 if they make an "A" or "B" in 201. Gen. Ed. VIII.

**JPN 202 Intermediate Japanese II.** (3) A. Recommended: JPN 201 or equivalent proficiency. Continuation of JPN 201 to strengthen student's ability to interact in more diverse social settings requiring increasingly complex structural patterns. Students entering JPN 202 by referral or placement receive nine hours credit for JPN 101, 102, and 201 if they make an "A" or "B" in 202. Gen. Ed. VIII.

**JPN 295 Independent Work in Japanese.** (1-3) A. Prerequisite: departmental approval. May be retaken to a maximum of six hours if content is different. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

**JPN 495 Independent Work in Japanese.** (1-3) A. Prerequisite: departmental approval. May be retaken to a maximum of six hours if content is different. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

**JSO—Justice & Safety Orientation**  
**Dr. Allen Ault, Dean**

**JSO 100 Academic Orientation. (1) I.** An orientation to university academic life and career planning and preparation. Topics include University policies and procedures, program requirements, career opportunities and introductory study skills. Open to all students during their first two semesters of enrollment at EKU; beyond that open to students with fewer than 30 semester hours earned.

**LAS—Paralegal****Dr. Lynette Noblitt, Director**

**LAS 210 Introduction to Law. (3) I, II.** General study of the purpose, function, and history of law; law-related occupations; court systems; case law analysis; professional ethics; the adversary system; and the major areas of law.

**LAS 220 Legal Research and Writing I. (3) I, II.** Prerequisite: LAS 210 or director approval. The sources and techniques of legal research; their application to specific legal problems and the use of legal authority to construct a written legal argument.

**LAS 300 Legal Research and Writing II. (3) I, II.** Prerequisite: LAS 220. The sources and techniques of advanced legal research and writing, the use of computer-assisted legal research methods and their application.

**LAS 304 Your Legal Rights, Remedies, and Responsibilities. (3) A.** Practical law to assist the individual in anticipating and dealing with typical legal needs. Topics will include landlord-tenant problems, consumer rights, personal liability, wills, arrest, divorce, and others. Does not count toward the paralegal major requirements.

**LAS 305 Special Topics in the Law. (1-3) A.** Prerequisite: director approval. A course offered periodically covering topics and issues of current or special interest concerning the law. May be retaken to a maximum of six hours provided topics vary.

**LAS 306 Animals and the Law. (3) A.** The study of topics that relate to the status of animals under the law. The course focuses upon cases, legislation, and cultural values toward animals world-wide. Course does not count toward paralegal requirements.

**LAS 325 Real Estate/Bankruptcy Practice. (3) I, II.** Prerequisite: LAS 220. Paralegal practice and procedure for general law office; real estate transactions and documents, title searches, title insurance, loan closings, leases, wills, affidavits of descent, foreclosures, and bankruptcy.

**LAS 330 Family Law Practice. (3) A.** Prerequisite: LAS 220. Paralegal practice in family law including forms, documents, and procedures for: marriage, divorce, separation, annulment, alimony, legitimacy of children, custody, adoption, community property, and juvenile law.

**LAS 340 Criminal Law Practice and Procedure. (3) A.** Prerequisite: LAS 220 or director approval. An introduction to criminal law and procedure; criminal law forms and documents, and preparation for criminal litigation using the systems approach.

**LAS 350 Litigation: Evidence to Discovery. (3) A.** Prerequisites: LAS 220 or director approval. Study of legal principles and paralegal practice in substantive civil law. Incorporates procedural aspects of the early stages of civil litigation including evidence and investigation, pleadings, and the discovery/disclosure process.

**LAS 355 Litigation: Trial to Appeal. (3) I, II.** Prerequisite: LAS 220 or Director Approval. Study of legal principles and paralegal practice in substantive civil law. Incorporates procedural aspects of the latter stages of civil litigation including settlement and ADR, trial preparation, trial, post-trial practice, and appeal.

**LAS 360 Probate Practice and Procedure. (3) I, II.** Prerequisite: LAS 220 or director approval. Paralegal probate practice including initial steps, asset accumulation, debt management, court procedure, estate-related tax issues and forms. A systems

approach will be emphasized.

**LAS 365 Trial and Era: A Legal Heritage. (3) A.** A study of famous and significant court trials and the dynamic and dramatic way in which the trial brings together the legal philosophies and social attitudes of the times. Does not count toward the paralegal major requirements.

**LAS 370 Corporations and Business Organization Practice. (3) A.** Prerequisite: LAS 220. Documents, forms, and procedures essential to the corporate paralegal. Development of skills concerning business formations, incorporation, corporate finance, employees, corporate operation, securities, regulatory compliance, merger, acquisitions, sales and terminations.

**LAS 380 Administrative Agency Practice. (3) A.** Prerequisite: LAS 220. Practical paralegal skill development in administrative law and procedure. Forms, documents, pleadings, and techniques for administrative regulatory compliance; case processing; informal and formal administrative advocacy, emphasizing the systems approach.

**LAS 385 Legal Administration and Computer Applications. (3) I, II.** Prerequisites: LAS 220 and CIS 212 or CSC 104 or equivalent. The study of law office administration and the utilization of specific law office computer applications.

**LAS 399 Paralegal Internship. (4) I, II.** Prerequisites: completion of 18 hours of major (LAS) courses including LAS 300 or director approval (prior written application is required).

**LAS 410 Paralegal Seminar. (3) A.** Prerequisite: completion of 18 hours of major (LAS) courses or director approval. Professional ethics, analysis of the internship experience, transition to the law office and current issues facing the paralegal profession.

**LAS 460 Estate Planning and Procedure. (3) A.** Prerequisite: LAS 360 or director approval. The study of law, forms, documents, and procedures essential to the paralegal involved in the drafting of wills, trusts, and estate plans. The systems approach will be emphasized.

**LAS 490 Independent Study of Law. (1-3) A.** Prerequisite: director approval. Individual research, skill development, and study in an area of law or paralegal practice. Student must have independent study proposal form approved by faculty supervisor and departmental chair prior to enrollment. May be retaken to a maximum of six hours.

**LAS 535 Municipal Law. (3) A.** Prerequisite: LAS 220 or director approval. Practical legal problems confronting municipal officials including: government and public official liability, ordinances, tax levies, bonding, zoning, soliciting, licensing, open meetings, personnel, cutback management, elections, and other issues.

**LAT—Latin****Dr. Ezra Engling, Chair**

**LAT 101 Beginning Latin I. (3) A.** Study of basic inflections, syntax, pronunciation, and vocabulary necessary for the reading and progressive understanding of the Latin language. Particular attention is given to cultural topics and to the relationship of Latin to English. Gen. Ed. VIII.

**LAT 102 Beginning Latin II. (3) A.** Recommended: one unit of high school Latin or LAT 101. A continuation of the study of the elements of Latin grammar with additional work in translation of selections from Latin writers of appropriate complexity. Some composition on cultural topics included. Students entering LAT 102 by referral or placement receive three hours credit for LAT 101 if they make an "A" in 102. Gen. Ed. VIII.

**LIB—Library Science****Dr. Michael A. Martin, Chair**

**LIB 107 Topics in Library Science: \_\_\_\_\_. (1-3) A.** Prerequisite: departmental approval. A course addressing topics of special concern

for librarians. May be retaken to a maximum of 9 hours. Not applicable to school librarian certification programs.

**LIB 301 Children's Literature and Related Materials. (3) I, II.** Prerequisites: ENG 101 and 102 (or 105), EDF 103, EDF 203. Students who transfer the equivalent of EDF 203 must take EDF 310 as a prerequisite or corequisite. Survey course designed to acquaint P-5 teachers with print and non-print media for the school curriculum and with techniques to encourage lifelong readers. Credit will not be awarded for both LIB 301 and 301S.

**LIB 501 Adolescent Literature and Resources. (3) A.** A course designed to help teachers and librarians extend their knowledge of authors, literature, and related materials for students 10-15 years of age. Literary criticism and relating literature to the interests and needs of adolescents are emphasized.

**MAE—Mathematics Education****Dr. Patrick Costello, Interim Chair**

**MAE 301 Mathematics for Elementary Teachers III. (3) A.** Prerequisites: MAT 107, MAT 201, and MAT 202, with a C or better in each. Selected topics from Geometry, Algebra, Probability and Statistics, Problem Solving, and Technology will be studied in-depth. Both mathematics content and teaching pedagogy will be examined. Credit does not apply toward Middle Grades Mathematics Teaching degree content requirements.

**MAE 305 Problem Solving and Technology. (3) A.** Prerequisite: MAT 201. Pre/Corequisite: MAT 202. Problem solving including the use of iteration, recursion, and conditional statements. Graphing calculators and other technology appropriate in the mathematics classroom will be addressed.

**MAE 480 Math Ed Seminar: \_\_\_\_\_. (1 - 3) A.** Prerequisite: departmental approval. Advanced undergraduate topics in mathematics education. May be retaken to a maximum of nine hours, provided the topics are different.

**MAE 550 Teaching Mathematics in the Secondary School. (3) I.** Cross-listed as ESE 550. Prerequisites: EDF 319, admission to professional education. Pre/Corequisites: EDF 413, SED 401. Developmentally appropriate materials and methods for teaching mathematics and computer science in secondary schools. Minimum of 40 field/clinical hours.

**MAS—Medical Assisting Technology**

**MAS 323 Medical Assisting Laboratory Procedures. (6) II.** Prerequisite or Corequisite: MAS or departmental approval. Corequisite: MAS 360 and 380. Clinical laboratory skills and procedures in specimen collection, quality control, urinalysis, hematology, clinical chemistry, immunology, microbiology, and principles of radiology. 3 Lec/6 Lab.

**MAS 324 Medical Assisting Techniques. (6) I.** Clinical medical assisting skills performed in ambulatory medical settings. Emphasis on care of patients based on developmental needs, health promotion and disease prevention, pharmacological therapies, and pathophysiological conditions.

**MAS 355 Medical Coding. (3) I, II, A.** Prerequisite: MAS 200 or departmental approval. The student will explore proper use of CPT, HCPCS, and ICD-9-CM coding systems as they apply to physician claim submission and accurate reimbursement from third-party payers.

**MAS 360 Medical Office Administration. (4) I, II, A.** Prerequisite or Corequisite: CIS 212 or CSC 104. MAS 323 and 380. Knowledge and skills in medical office management which include financial management, computer skills, patient records, human resource management, legal and ethical issues, and total quality management.

**MAS 370 Medical Coding Career Preparation. (1) A.** Prerequisites: MAS 355 and 360. For students who have completed the coursework



for the medical coding certificate, this course will serve as a review, update, and synthesis of knowledge and skills for coding.

**MAS 380 Comprehensive Medical Assisting Simulations (2)** Prerequisites: MAS 355, MAS 324. Corequisites: MAS 323, MAS 360. Students will participate in medical assisting simulations and case studies in order to further develop administrative, laboratory, and clinical skills.

**MAS 390 Medical Office Externship. (5) II, A.** Prerequisites: MAS 100, 323, 324, 355, 360. Supervised medical office practice in clinical agencies, including a comprehensive review of medical assisting practice.

## MAT—Mathematics

Dr. Patrick Costello, Interim Chair

**MAT 090 Prealgebra. (3) Institutional Credit. I, II.** Real number system, ratio and proportion, order of operations, measurement, exponents and radicals, probability and statistics, graphs, a strong strand of geometry, and basic algebraic concepts such as solving linear equations and understanding variables and algebraic expressions. May be taken by referral only. 3 Lec/2 Lab-Rec.

**MAT 095 Developmental Algebra I. (3) Institutional Credit. I, II.** Prerequisite: MAT 090 with a course grade of at least “C-” or equivalent. Real number system, algebraic expressions, integer exponents, linear and quadratic equations, inequalities, polynomials, graphing linear and quadratic functions, factoring, systems of equations, radical expressions and basic descriptive geometry. May be taken by referral only. 3 Lec/2 Lab-Rec.

**MAT 098 Algebra II. (3) Institutional Credit. I, II.** Prerequisite: Completion of all developmental mathematics requirements. Real number system, algebraic expressions and sentences, linear, quadratic, polynomial, rational, inequalities, operations with exponents, systems of equations, relations and functions, graphing linear and quadratic functions. MAT 098 is the designated course to prepare for MAT 107, and may also be used to meet the PCC mathematics deficiency. MAT 098 IS NOT REQUIRED OF STUDENTS NEEDING TO MEET DEVELOPMENTAL MATHEMATICS REQUIREMENTS.

**MAT 100 Graphing Calculator I. (1) I, II.** Use of a graphing calculator to evaluate arithmetic expressions; graph and solve linear, quadratic, polynomial, rational, exponential and logarithmic equations; solve and graph systems of linear and nonlinear equations.

**MAT 101 Graphing Calculator II. (1) II.** Prerequisite: MAT 100 or departmental approval. Use of graphing calculator to graph and solve trigonometric equations; solve problems involving calculus, statistics, matrices; and vectors; illustrate other features of the graphing calculator, such as the conversion and the draw feature.

**MAT 105 Mathematics with Applications. (3) I, II.** Prerequisite: completion of all University developmental requirements. This course is designed to strengthen computational skills, mathematical reasoning, problems-solving skills, and mathematical reading/communication skills while focusing on real-world problems. The mathematical topics may include the mathematics of finance, statistics, geometry, combinatorics, mathematical modeling, and algorithms. Use of calculators. Gen. Ed. II [MA].

**MAT 106 Applied Finite Mathematics. (3) I, II.** Prerequisite: completion of all University developmental requirements. The introduction to the application of mathematics to real-world problems. Topics are from various branches of discrete mathematics such as graph theory and game theory. Probability, geometry, and problems from the social sciences. 3 Lec (1 Lab when taught in large lecture sections.) Gen. Ed. II or VII (QS) [MA].

**MAT 107 College Algebra. (3) I, II.** Prerequisite: MAT 098 with a minimum grade of

“C-” or a minimum score of 22 on the mathematics portion of the ACT or a minimum score of 530 on the math portion of the SAT or a passing score on the EKU MAT 107 Prerequisite Skills Test. Real and complex numbers, integer and rational exponents, polynomial and rational equations and inequalities, graphs of functions and relations, exponential and logarithmic functions, systems of equations, matrices. Use of graphing calculators. 3 Lec (1 Lab when taught in large lecture sections.) Gen. Ed. II or VII (QS) [MA].

**MAT 108 Trigonometry. (3) I, II.** Prerequisite: MAT 107 with a minimum grade of “C-” or a minimum score of 22 on the mathematics portion of the ACT or a minimum score of 530 on the math portion of the SAT. Radians and degrees, properties of trigonometric functions, multiple angle expressions, triangle solutions, inverse functions, complex numbers. Use of graphing calculators. Credit will not be awarded for both MAT 108 and 109. Gen. Ed. II or VII (QS) [MA].

**MAT 109 Precalculus Mathematics. (5) I, II.** Prerequisite: MAT 107 with a minimum grade of “C-” or a minimum score of 23 on the mathematics portion of the ACT or a minimum score of 550 on the math portion of the SAT. Polynomial, rational, exponential, logarithmic, and trigonometric functions and inverses. Sequences and series, systems of linear and nonlinear equations and inequalities, the complex number system, vectors, the binomial theorem, mathematical induction, and conic sections. Use of graphing calculators. Three hours of credit will not be awarded to students who have completed MAT 108. Three hours of credit count toward Gen. Ed. II or VII (QS) [MA].

**MAT 115 Introduction to Mathematica. (1) I, II.** Prerequisite: MAT 107 with a minimum grade of “C-” or a minimum score of 23 on the mathematics portion of the ACT or a minimum score of 550 on the mathematics portion of the SAT. Use of *Mathematica*. Numeric, algebraic, and symbolic capabilities, two dimensional and three dimensional graphics with animation, decisions, looping, and list manipulation.

**MAT 116 Problem Solving with Mathematica. (2) A.** Prerequisite: MAT 115. Basic concepts include functional programming, procedural programming, rule-based programming, recursion, numerics, and graphics programming.

**MAT 117 MathExcel Lab for Calculus I (1-2) I, II.** Prerequisite/Corequisite: MAT 124 or 124H or 211 or 261. This lab is to accompany a regular lecture class in Calculus I. 4 Lab.

**MAT 124 Calculus I. (4) I, II.** Prerequisite: MAT 109 with minimum grade of “C-” or a minimum score of 25 on the mathematics portion of the ACT or a minimum score of 590 on the math portion of the SAT. Functions, limits and continuity, derivatives and applications, integration, and introduction to and use of the computer package *Mathematica* or other appropriate technology. Credit will not be awarded to students who have credit for MAT 121 or MAT 121H. Gen. Ed. II or VII (QS) [MA].

**MAT 124H Honors Calculus I. (4) A.** Prerequisites: score of 27 on the ACT mathematics test or score of 640 on the SAT math test and the equivalent of MAT 109; or departmental approval. Functions, limits and continuity, derivatives and applications, integration, and introduction to and use of the computer package *Mathematica* or other appropriate technology. The material is treated in greater depth and with more rigor than in MAT 124. Challenging problems and special projects will be assigned. Credit will not be awarded to students who have credit for MAT 121 or MAT 121H or MAT 124. Gen. Ed. II or VII (QS) [MA].

**MAT 201 Mathematical Concepts for Middle and Elementary School Teachers I. (3) I, II.** Prerequisites: MAT 105 or higher with a minimum grade of “C” (2.0); a score accepted by the Kentucky Education Professional Standards on one of the approved tests: ACT, PPST, SAT, GRE, MAT, and a passing score on a Mastery Exam. Concepts stressed over manipulation. Sets and functions, whole numbers,

integers, rational numbers, decimals and real numbers, numeration, and elementary number theory.

**MAT 202 Mathematical Concepts for Middle and Elementary School Teachers II. (3) I, II.** Prerequisite: MAT 201 with a minimum grade of “C” (2.0). Concepts stressed over manipulation. Geometry, measurement, metric system, probability and basic statistics.

**MAT 203 Geometry for Middle and Elementary School Teachers. (3) I, II.** Prerequisites: admission to a certification program in elementary or middle school and MAT 201 and 202 with a combined grade point of 2.5 in the two courses. Angles and their measurement, right triangle trigonometry, perpendicular lines, congruent triangles, circles, arcs, and angles, constructions and loci, area and volume, similarity, graphing, selected topics from analytic geometry.

**MAT 205 Problem Solving with Logo. (3) I, II.** Prerequisite: MAT 201 with a minimum grade of “C-” (2.0). Problem solving with graphics and lists using modularity, iteration, recursion, and conditional statements. Credit will not be awarded for both MAT 205 and CSC 175.

**MAT 211 Calculus with Applications for Business and Economics. (3) A.** Prerequisite: MAT 107 with a minimum grade of “C-” or MAT 108 with a minimum grade of “C-” or a minimum score of 23 on the mathematics portion of the ACT or a minimum score of 550 on the math portion of the SAT. Functions and graphs, differentiation, marginal costs, revenue and profit, integration, exponential and logarithmic functions, other applications. Credit will not be awarded to students who have credit for MAT 124 or MAT 124H or MAT 261. Gen. Ed. II or VII (QS) [MA].

**MAT 214 Linear Algebra and Matrices. (3) I, II.** Prerequisite: MAT 124 (or MAT 124H) with a minimum grade of “C-” Real and complex vector spaces, linear transformations, matrix theory, with applications, through the introduction of eigenvalues and eigenvectors, determinants, inner product spaces, the use of technology.

**MAT 218 MathExcel Lab for Calculus II. (1-2) I, II.** Prerequisite/Corequisite: MAT 224 or 224H. This lab is to accompany a regular lecture class in Calculus II. 4 Lab.

**MAT 219 MathExcel Lab for Calculus III. (1-2) I, II.** Prerequisite/Corequisite: MAT 225 or 225H. This lab is to accompany a regular lecture class in Calculus III. No more than four credit hours of MAT 117, MAT 218 and MAT 219 will count toward the baccalaureate degree. 4 Lab.

**MAT 224 Calculus II. (4) I, II.** Prerequisite: MAT 124 (or MAT 124H) with minimum grade of “C-” Fundamental integration techniques, numerical integration, applications of integration, improper integrals, differential equations, infinite series, polar and parametric equations, and use of *Mathematica* or other appropriate technology. Credit will not be awarded to students who have credit for MAT 122 or MAT 122H. Gen. Ed. II or VII (QS) [MA].

**MAT 224H Honors Calculus II. (4) A.** Prerequisite: MAT 124H with a minimum grade of “C” (2.0). Fundamental integration techniques, numerical integration, applications of integration, improper integrals, differential equations, infinite series, polar and parametric equations, and use of *Mathematica* or other appropriate technology. The material is treated in greater depth and with more rigor than in MAT 224. Challenging problems and special projects will be assigned. Credit will not be awarded to students who have credit for MAT 122, MAT 122H, or MAT 224. Gen. Ed. II or VII (QS) [MA].

**MAT 225 Calculus III. (4) I, II.** Prerequisite: MAT 224 or (MAT 224H) with a minimum grade of “C-” Functions of several variables, limits and continuity, partial derivatives, multiple integrals, vector calculus including Green’s, Divergence, and Stoke’s theorems, cylindrical and spherical coordinates and use of *Mathematica*. Credit will not be awarded for both MAT 225 and 225H.

**MAT 225H Honors Calculus III. (4) II.**

Prerequisite: MAT 224H with minimum grade of "C." Functions of several variables, limits and continuity, partial derivatives, multiple integrals, vector calculus including Green's, Divergence, and Stoke's theorems, cylindrical and spherical coordinates, and use of *Mathematica*. The material is treated in greater depth and with more rigor than in MAT 225. Challenging problems and special projects will be assigned. Credit will not be awarded for both MAT 225 and 225H.

**MAT 261 Calculus with Applications for Science I. (3) A.** Prerequisite: MAT 107 with a minimum grade of "C-" or MAT 108 with a minimum grade of "C-" OR a minimum score of 23 on the mathematics portion of the ACT or a minimum score of 550 on the math portion of the SAT. Functions and graphs, differentiation, integration, and exponential and logarithmic functions. Credit will not be awarded to students who have credit for MAT 121 or MAT 124 or MAT 124H or MAT 211. Gen. Ed. II or VII (QS) [MA].

**MAT 262 Calculus with Applications for Science II. (3) A.** Prerequisite: MAT 261 or 211. Integral calculus with applications, introduction to differential equations, functions of several variables. Credit will not be awarded to students who have credit for MAT 122 or MAT 224 or MAT 224H.

**MAT 301 Logic and Set Theory. (3) A.** Prerequisites: MAT 214, 224 or 224H with minimum grades of "C" and a grade point average of at least 2.5 in MAT 124, 214, and 224, or departmental approval. Logic, proof techniques, set theory, relations, functions, cardinality, introduction to advanced mathematics.

**MAT 303 Mathematical Models and Applications. (3) A.** Prerequisites: MAT 106, 203, and STA 270. Present day and historical applications of mathematics to problems in life, behavioral, and managerial sciences as well as problems in mathematics. Credit does not count toward B.S. in mathematics nor mathematics teaching degrees nor the mathematics minor.

**MAT 306 Discrete Mathematics. (3) I, II.** Prerequisites: MAT 214, MAT 224, STA 270 with minimum grades of "C" and at least 2.5 GPA in all mathematics courses. Counting principles, permutations, combinations, recurrence relations, graphs, representations of graphs as matrices, trees, networks, difference equations, and linear programming.

**MAT 308 Modern Algebra I. (3) I, II.** Prerequisite: MAT 301 with a minimum grade of "C" (2.0). Groups, cyclic and permutation groups, homomorphisms, subgroups and factor groups, Fundamental Theorem of Finite Abelian Groups, rings, fields, integral domains, and ideals.

**MAT 315 Introduction to Analysis. (3) I, II.** Prerequisite: MAT 301, 225 or MAT 225H with a minimum grade of "C." Real number system, sets and functions, limits, continuity, uniform continuity, Taylor's theorem, laws of the mean, the Riemann integral, allied topics.

**MAT 334 Modern College Geometry I. (3) A.** Prerequisite or Corequisite: MAT 301 with a minimum grade of "C." Euclid's parallel postulate, axiom systems, finite geometries.

**MAT 349 Applied Learning in Mathematics. (1-8) I, II; (1-6) SUMMER ONLY.** Prerequisite: departmental approval. Work in placements related to academic studies. Credit does not apply to major or minor requirements. Total hours: eight, associate; sixteen, baccalaureate. A minimum of 80 hours of employment are required for each semester hour of academic credit.

**MAT 349 A-N Cooperative Study: Mathematics. (1-8) I, II; (1-6) SUMMER ONLY.** Prerequisite: departmental approval. Work in placements related to academic studies. Credit does not apply to major or minor requirements. Total hours: eight, associate; sixteen, baccalaureate. A minimum of 80 hours of employment are required for each semester hour of academic credit.

**MAT 353 Differential Equations. (3) A.**

Prerequisite: MAT 224 or 224H with a minimum grade of "C." Differential equations of first order, applications, singular solutions, linear equations with constant coefficients, miscellaneous methods for equations of higher order, solution in series, total differential equations, qualitative methods, systems of linear differential equations, the computer algebra systems.

**MAT 380 Mathematics in a Historical Setting. (4) A.** Prerequisite or Corequisite: MAT 301 or departmental approval. The history of mathematics from ancient beginnings until modern times is studied through problems and through the lives and times of mathematicians. Throughout the course, examples of study skills and literacy enhancement techniques relevant to mathematics will be demonstrated.

**MAT 408 Modern Algebra II. (3) A.** Prerequisite: MAT 308 with a minimum grade of "C." Ring homomorphisms, polynomial rings, unique factorization domains, principal ideal domains, finite fields, field extensions, algebraic extensions, Galois theory, and geometric construction.

**MAT 415 Analysis. (3) A.** Prerequisite: MAT 315 with a minimum grade of "C." The Riemann integral, the Lebesgue integral, metric spaces, differentiation, sequences and series of functions, allied topics.

**MAT 475 Math Teaching Senior Seminar. (3) I.** Prerequisites: at least 2.5 GPA in major and supporting course requirements for MAT teaching major and admission to teacher education program. Emphasis on the interrelationship between mathematical topics. Problem solving with technology. Oral presentation on a topic selected jointly with the instructor.

**MAT 480 Seminar in: \_\_\_\_\_. (1-3) A.** Prerequisite: departmental approval. Advanced topics in undergraduate mathematics. May be retaken to a maximum of nine hours, provided the topics are different.

**MAT 495 Independent Work. (1-3) A.** Prerequisite: departmental approval. Directed study/research on a problem or area chosen in consultation with instructor. Final paper required. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment. May be retaken to maximum of six hours.

**MAT 498 Mathematics Capstone. (1) A.** Cross listed as STA 498. Prerequisite: senior status as either a Mathematics or Statistics major. Designed to enable students to synthesize and integrate their mathematical and statistical knowledge. Students will learn how to conduct research and present the results. Credit will not be awarded for both MAT 498 and STA 498.

**MAT 501 Applications of Mathematics for P-9 Teachers. (3) A.** Prerequisite: MAT 303. Topics in the application of mathematical models appropriate for teachers of grades P-9. Credit does not apply toward B.S. or B.S. (teaching) degree requirements for programs offered within this department.

**MAT 502 Geometry with Technology for P-9 Teachers. (3) A.** Prerequisites: MAT 203, 205. Topics in geometry appropriate for teachers of grades P-9. Credit does not apply toward neither B.S. or B.S. (teaching) degree requirements for programs offered within this department.

**MAT 505 Foundations of Mathematics. (3) A.** Prerequisite: MAT 308 with a minimum grade of "C." The nature of mathematical thought; logical systems; axiomatic concepts and methods; consideration of the work of Hilbert, Peano, Whitehead, Russell, and others.

**MAT 506 Number Theory. (3) A.** Prerequisite: MAT 301 with a minimum grade of at least "C." Fundamental properties of integers, linear Diophantine equations, linear and quadratic congruences, famous problems of number theory.

**MAT 507 Seminar in Mathematics: \_\_\_\_\_. (1-3) A.** Prerequisite: departmental approval. Topics

vary with offering. May be retaken with advisor approval, provided the topics are different. Credit toward degree requirements will depend on course content.

**MAT 520 Mathematical Statistics I. (3) I.** Cross listed as STA 520. Prerequisite: MAT 224 or 224H or 225 or 225H; and STA 215 or 270 or 370 or CRJ 400 or ECO 220 or ECO 848 or EPY 842 or HEA 450 or PSY 309 or QMB 200. Descriptive statistics, discrete and continuous probability distributions for one and two variables, functions of random variables, sampling distributions, expectations and generating functions. Credit will not be awarded for both MAT 520 and STA 520.

**MAT 525 Vector Analysis with Applications. (3) A.** Prerequisite: MAT 225 or 225H with a minimum grade of "C." Algebra and geometry of vectors; vector functions of a single variable; line, surface, and volume integrals; Divergence Theorem, Stokes' Theorem, Green's Theorem; generalized orthogonal coordinates; Fourier Series; solutions to boundary value problems.

**MAT 535 Modern College Geometry II. (3) A.** Prerequisite: MAT 334 with a minimum grade of "C." The major influence of the axioms of parallelism or geometry, development from axioms and models, Euclidean geometry, absolute geometry, hyperbolic geometry, consistency of postulates.

**MAT 540 Introductory Applied Mathematics. (3) A.** Prerequisite: MAT 353 with a minimum grade of "C." Techniques and applications of: vector analysis, matrix theory, linear and autonomous systems of differential equations, special functions, operational methods, Sturm-Liouville theory, Fourier series.

**MAT 550 Applications of Complex Analysis. (3) A.** Prerequisite: MAT 225 or 225H or 353 with a minimum grade of "C." Continuity, differentiation, integration, series, residues, and applications to the evaluation of real integrals. Applications of conformal mappings to boundary value problems in heat, electrostatic potential, and fluid flow. Emphasis throughout on computational techniques and applications.

**MAT 555 Graph Theory. (3) A.** Prerequisite: MAT 308 or CSC 320 with a minimum grade of "C." Introduction to the theory and applications of graph theory. Topics will include trees, planarity, connectivity, flows, matching, and coloring.

**MAT 560 Point Set Topology. (3) A.** Prerequisite: MAT 301 with a minimum grade of "C." An introduction to topology with emphasis on Euclidean and other metric spaces. Mappings, connectivity, compactness, formation of new spaces, relationship to analysis.

**MGT—Management  
Dr. Lana Carnes, Chair**

**MGT 201 Introduction to Golf Management. (3) I, II.** Prerequisite: Admission to PGM program. Introduces PGM students to the elements of the industry in which a PGA professional must be competent, including a facility's golf cart fleet, the value of business planning in the golf industry, the key elements of a business plan and the elements that make a model golf shop. Students will explore the Rules of Golf Tournament operations and how they apply to the day-to-day operation of a golf facility.

**MGT 202 Introduction to Golf Instruction. (3) I, II.** Prerequisite: admission to the PGM program. Introduction to the basics of teaching golf and the fundamentals of the game, as well as cause and effect to the laws, principles, and preferences of the golf swing. Focus on the professional golfer's role in developing successful programs for golfers.

**MGT 203 Golf Club Repair and Design/Swing Analysis. (3) I, II.** Prerequisite: admission to PGM, MGT 201, MGT 202. Introduce PGM students to the principles of golf club repair and design, how to establish and manage a successful club repair business, and learn the components of developing a teaching

program by studying topics such as lesson pricing, scheduling and the qualities of an effective teacher.

**MGT 204 Golf Customer Relations Training & Development. (3) I, II.** Prerequisite: admission to PGM program, MGT 203, MKT 349. The study of customer relations as it relates to the golf industry. A general overview of customer relations concepts, interpersonal skills, interaction strategies, and the GEODE model as they pertain to customer service. Students will be given the opportunity to practice and reinforce these concepts and skills. The class will also be a level 2 checkpoint review.

**MGT 205 Analysis of the Golf Swing. (3) I, II.** Prerequisite: admission to the PGM program, MGT 203, MKT 349. Present the fundamentals of developing a teaching program and introduce students to club fitting. The course will teach students how to develop a relationship and evaluate a golf student; it will cover the important aspects of teaching in small groups and introduce PGM students to the philosophy and swing concepts of teaching.

**MGT 206 Golf Operations and Administration. (3) I, II.** Prerequisite: admission to the PGM program, MGT 205, MKT 349. Course will help students identify challenging, supervising and delegating situations and help them evaluate their ability to handle those challenging situations.

**MGT 207 Special Topics in PGM. (3) I, II.** Prerequisite: admission to the PGM program, MGT 205, MKT 349. Gain a deeper knowledge of the philosophy and swing concepts of teaching. Students will develop a personal teaching philosophy statement; learn the value of group lessons, clinics and schools; learn to develop lesson plans; and learn to teach special shots.

**MGT 300 Principles of Management. (3) I, II.** Prerequisites: ACC 201, 202, and ECO 230 with a grade of "C-" or better in each course; junior standing (a minimum of 60 hours) with an overall minimum 2.0 GPA. Management principles with emphasis on organization theory and behavior, human resources and diversity, communications, production/operations management and quality issues, business ethics, development of management thought, management in the global arena, and management careers.

**MGT 301 Principles of Management (NB). (3) A.** Prerequisite: junior standing (at least 60 hours) with an overall GPA 2.0. Not for students majoring or minoring in business. Management principles with emphasis on organization theory and behavior, human resources and diversity, communications, production/operations management and quality issues, business ethics, development of management thought, management in the global arena, and management careers. Credit will not be awarded for both MGT 301 and 300.

**MGT 320 Human Resource Management. (3) I, II.** Prerequisite: MGT 300 or MGT 301. Survey of principles and practices in the areas of human resource planning, job analysis, recruitment, selection, training and development, performance appraisal, compensation, labor relations, safety and health, equal employment opportunity, and personnel research.

**MGT 330 Small Business Management. (3) A.** Prerequisite: MGT 300 or MGT 301. Small business organization, location, financial planning, records, unit costs, merchandising, credit, and personnel policies.

**MGT 340 Management Science. (3) I, II.** Prerequisite: QMB 200. Business decision making approaches and quantitative techniques with an emphasis on the formulation and application of models and the practical solution methods available.

**MGT 349 Applied Learning in Management. (1-8) A.** Prerequisites: minimum GPA 2.25 and 60 credit hours. Co-op Coordinator approval is required. Approved work experience directly related to academic major and/or career goals. Minimum of 80 hours work required for each credit hour. May be used as upper division business electives and/or free electives as approved. Will not count as Management

elective. Management Majors (all options) are limited to a maximum of nine co-op hours counting toward degree. Co-op hours may be repeated up to nine hours.

**MGT 349 A-N Cooperative Study: Management. (1-8) A.** Prerequisites: minimum GPA 2.25 and 60 credit hours. Co-op Coordinator approval is required. Approved work experience directly related to academic major and/or career goals. Minimum of 80 hours work required for each credit hour. May be used for upper division business electives and/or free electives as approved. Will not count as Management elective. Management Majors (all options) are limited to a maximum of nine co-op hours counting toward degree. Co-op hours may be repeated up to nine hours.

**MGT 370 Operations Management. (3) I, II.** Prerequisite: MGT 300. Practical approaches for improving productivity of operations using methods designed for quality management, sales forecasting, facility layout and location, human resource planning and scheduling, and inventory control.

**MGT 375 Supply Chain Management (3) A.** Prerequisite: MGT 340. The integration of key business processes from end-user through original suppliers that add value for customers and other stakeholders. Topics include: integration and strategic partnering, procurement and outsourcing strategies, value-added services and international challenges.

**MGT 400 Organization Theory. (3) I, II.** Prerequisite: MGT 300 or MGT 301. Principles of organization design as they relate to goals and strategy formulation, environmental conditions, technology, job design, control systems, and decision making.

**MGT 406 Continuous Improvement in Organizations. (3) A.** Prerequisites: MGT 300 and QMB 200 or MGT 301. Advanced methods and techniques used to analyze change, monitor, and analyze organizational performances, control resources, and otherwise direct the management of complex organizations.

**MGT 410 Labor Relations. (3) I.** Prerequisite: MGT 320. Study of labor-management relationships including union organization campaigns, contract negotiations, grievance and arbitration procedures, labor-management cooperation, and union-free environments.

**MGT 425 Compensation Management. (3) II.** Prerequisite: MGT 320. Advanced study of the human resource function of employee compensation. Topics include job analysis and evaluation, compensation surveys, pay structures, budgeting, pay for performance systems, benefits administration, and federal regulation of compensation management.

**MGT 430 International Management. (3) A.** Prerequisite: MGT 300 or MGT 301. The study of management of international organizations with emphasis on techniques, processes and structures. Topics include organizational culture, leadership, ethics, decision-making, and human resource management.

**MGT 440 Human Resource Development. (3) I.** Prerequisite: MGT 320. Advanced study of human resource management functions aimed directly at enhancing organizational effectiveness. Topics include training needs analysis; training program design, implementation, and evaluation; performance management and appraisal; and costing human resource development programs.

**MGT 445 Employee Recruitment and Selection. (3) II.** Prerequisite: MGT 320. Advanced study of the human resource function of staffing. Topics include: recruitment, the design and implementation of effective selection procedures which comply with federal/state requirements; analysis and reporting of employee data.

**MGT 450 Management Seminar. (1-3) A.** May be retaken under different sub-topics to a cumulative maximum of nine hours. Selected topics in contemporary management literature.

**MGT 465 Innovation and Entrepreneurship. (3) A.** Prerequisite: MGT 300 or MGT 301. An emphasis on the role of innovation and

entrepreneurship in the creation and management of new ideas, concepts, techniques, processes, methods, ventures, and knowledge.

**MGT 470 Integrated Resource Management. (3) A.** Prerequisite: MGT 370. Advanced management models and computer techniques, international operations and interfunctional aspects of decision making from the perspective of controlling operations.

**MGT 480 Organization Behavior. (3) I, II.** Prerequisite: MGT 300 or MGT 301. Determinants and consequences of behavior in business organizations are analyzed in the contemporary language of administrative social systems and models. Interdependence of economic, social, and behavioral factors is emphasized.

**MGT 490 Special Problems In Management. (1-4) A.** Prerequisite: advisor/departmental approval. May be retaken under different sub-topics to a cumulative maximum of six hours. Independent work, special workshop, special topics, or seminars. Students must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

**MKT—Marketing  
Dr. Lana Carnes, Chair**

**MKT 300 Principles of Marketing. (3) I, II.** Prerequisites: ACC 201, 202, and ECO 230 with a grade of "C-" or better in each course; junior standing (a minimum of 60 hours) with an overall minimum 2.0 GPA. Overview of strategic processes involved in marketing goods and services to global markets; study of behavioral, organizational, and consumer variables in decision processes; use of the marketing mix and marketing information to affect buyer decisions.

**MKT 301 Principles of Marketing (NB) (3) A.** Prerequisite: junior standing (at least 60 hours) with an overall GPA of 2.0. Not for students majoring or minoring in business. Overview of strategic processes involved in marketing goods and services to global markets; study of behavioral, organizational, and consumer variables in decision processes; use of the marketing mix and marketing information to affect buyer decisions. Credit will not be awarded for both MKT 300 and 301.

**MKT 304 Retailing. (3) A.** Prerequisite: MKT 300 or MKT 301. Principles of retailing from the marketing perspective; types of retail businesses; organizations; location; layout; management of operations, inventory, personnel, promotion, and control.

**MKT 306 Services Marketing. (3) A.** Prerequisite: MKT 300 or MKT 301. Understanding the customer from the services and non-profit marketing perspectives. Examination of marketing in service industries with emphasis on the unique aspects of services marketing, the service marketing mix and the implementation of services strategies.

**MKT 309 Integrated Marketing Communications. (3) A.** A course covering the theories, strategies, and skills of Integrated Marketing Communication, with a special emphasis on applying IMC to the Internet and World Wide Web (WWW).

**MKT 310 Personal Selling. (3) A.** Prerequisite: MKT 300 or MKT 301. Personal selling in marketing; the selling process, stressing the modern, international sales/marketing approach to customer society oriented problem solving.

**MKT 312 Principles of Transportation. (3) A.** Prerequisite: MKT 300. Various forms of transportation and institutional factors influencing transportation decisions. Regulations, public policy, rate making, services, and the integration of transportation with other elements of business.

**MKT 315 Physical Distribution Management. (3) A.** Prerequisite: MKT 300. Movement and storage of goods, coordination and control of inventory, customer service, packaging, materials handling, facilities location, flow of

information, and transportation.

**MKT 320 Advertising. (3) A.** Prerequisite: MKT 300 or MKT 301. How advertising is organized; economic and social aspects; advertising research; basic media strategy; consumer behavior; legal and other restraints; careers in advertising.

**MKT 349 Applied Learning in Marketing. (1-8) A.** Prerequisites: minimum GPA 2.25 and 60 credit hours. Co-op Coordinator approval is required. Approved work experience directly related to academic major and/or career goals. Minimum of 80 hours work required for each credit hour. Three hours may be used as an upper division business elective in the Marketing option. Three hours are required in the Music Marketing option. May be repeated for a total of 16 credit hours.

**MKT 349 A-N Cooperative Study: Marketing. (1-8) A.** Prerequisites: minimum GPA 2.25 and 60 credit hours. Co-op Coordinator approval is required. Approved work experience directly related to academic major and/or career goals. Minimum of 80 hours work required for each credit hour. Three hours may be used as an upper division business elective in the Marketing option. Three hours are required in the Music Marketing option. May be repeated for a total of 16 credit hours.

**MKT 350 Consumer Behavior in Marketing. (3) I, II.** Prerequisite: MKT 300 or MKT 301. Role of consumer decision-making as it affects the marketing firm; basic concepts of consumer behavior and interrelationships that exist between marketing and the behavioral sciences.

**MKT 380 Seminar in Marketing. (3) A.** Prerequisite: MKT 300 or MKT 301. May be retaken under different sub-topics to a cumulative maximum of six hours. Selected topics in contemporary marketing literature.

**MKT 400 International Marketing. (3) I, II.** Prerequisite: MKT 300. Determination of marketing strategy by United States firms and multinational corporations for serving foreign markets and for adapting to variations in cultural and economic factors affecting foreign marketing efforts.

**MKT 401 Internet Marketing. (3) A.** Prerequisite: MKT 300 or 301. Survey, analysis, and evaluation of current trends and issues in marketing in computer mediated environments, including how the marketing mix is adapted strategically to the Internet and World Wide Web, intranets, and other electronic forms.

**MKT 404 Retailing Management. (3) A.** Prerequisite: MKT 304. Investigation of current problems faced by retailers in store operations, management, retail buying, and inventory control. Outside readings, oral and written case studies, and field trip experiences are required.

**MKT 405 Retail Management for PGM (3) I, II.** Prerequisite: MKT 300; junior/senior standing (a minimum of 60 hours). Investigation of current problems facing retail operations in the golf industry to include buying, vendor selection, merchandise planning, pricing, promotion, and display, inventory control, and performance management. Students will be required to complete case studies and a field project.

**MKT 408 Sales Management. (3) A.** Prerequisite: MKT 310. Sales function in modern organizations with emphasis on current management techniques: time management, on-the-job coaching, directing the sales force to sell key accounts, situational analysis, and decision-making.

**MKT 426 Advertising Campaigns. (3) A.** Prerequisite: MKT 320. Planning and execution of a direct marketing and advertising campaign as a part of the overall marketing strategy. Students will originate a direct marketing campaign for a client. Includes all aspects of direct marketing and advertising. Credit will not be awarded for both MKT 426 and COM 450.

**MKT 431 Purchasing and Materials Management. (3) A.** Prerequisite: MKT 300. The purchasing process as it focuses on supply efficiency and effectiveness relating to the fit between purchasing

objectives and strategies and organizational objectives and strategies.

**MKT 440 Industrial Marketing. (3) A.** Prerequisite: MKT 300. An analysis of the marketing structure for industrial products. Product lines, channels of distribution, selling, pricing, and wholesaling problems.

**MKT 455 Marketing Research and Analysis. (3) I, II.** Prerequisites: MKT 300 and QMB 200. The role of research in marketing decision-making; the research process, with emphasis on collection, analysis, and interpretation of data as applied to solving marketing problems. Students are required to do a research project.

**MKT 481 Internship in Marketing. (3 or 6) A.** Prerequisites: minimum 2.25 GPA, MKT 300, MGT 300, and consent of instructor. Provides student with half-time or full-time relevant work experience in marketing. Written assignments and a project are required. May be taken only once for three (3) or six (6) hours of credit and not concurrently with Cooperative Study.

**MKT 490 Special Problems in Marketing. (1-4) A.** Prerequisite: advisor/departmental approval. May be retaken under different sub-topics to a cumulative maximum of six hours. Independent work, special workshop, social topics, or seminars. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

#### MPM—Medical Practice Management

**MPM 410 Business and Information Management in MPM. (3) I, A.** Prerequisites: CIS 212 or CSC 104, MAS 360. The application of knowledge and skills in business operations and information management.

**MPM 450 Strategic Policy Development in MPM. (3) II, A.** Prerequisite: MAS 360. Students will develop skills in analyzing various aspects of a medical practice and will develop policies and procedures which will enhance the overall effectiveness of a practice.

**MPM 460 Compliance and Risk Management in MPM. (3) I, A.** Prerequisites: MAS 355, 360. Students will familiarize themselves with compliance and risk management issues facing today's medical practice and will develop skills in risk assessment and maintaining compliance with various federal, state, and regulatory agencies.

**MPM 480 Medical Office Practicum. (3) A.** Prerequisite: final semester in the MPM program. This practicum will enable students to exercise the necessary skills for managing a small, medium, or large medical practice or outpatient facility.

#### MSL—Military Science and Leadership LTC. Richard Livingston, Chair

**MSL 100 Introduction to Leadership. (1) A.** Introduction of leadership styles, comparison of civilian and military leadership; and analysis of the constitutional and historical basis for officership in the U.S. Army. 1 Lec.

**MSL 101 Foundations of Officership (2) I.** Introduces students to issues and competencies that are central to a Commissioned Officer's responsibilities. Establish framework for understanding officership, leadership, and Army values and "life skills" such as fitness and time management. 1 Lec/1 Lab.

**MSL 102 Basic Leadership (2) II.** Establishes foundation of basic leadership fundamentals such as problem solving, communications, briefings and effective writing, goal setting, techniques for improving listening and speaking skills and an introduction to counseling. 1 Lec/1 Lab.

**MSL 201 Individual Leadership Studies (2) I.** Students identify successful leadership characteristics through observation of others and self

through experiential learning exercises. Students record observed traits (good and bad) in a dimensional leadership journal and discuss observations in small group settings. 2 Lec/1 Lab.

**MSL 202 Leadership & Teamwork (3) II.** Study examines how to build successful teams, various methods for influencing action, effective communication in setting and achieving goals, timing the decision, creativity in the problem solving process, and obtaining team buy-in through immediate feedback. 2.5 Lec/2.5 Lab.

**MSL 210 Leaders Training Course (5) Summer Only.** A comprehensive leader training course which can be taken in lieu of 201 and 202. This course emphasizes an experiential, hands-on approach to leader development. Held at Fort Knox, Kentucky. Students are paid to attend.

**MSL 298 Independent Leadership Studies (2-3) A.** Prerequisite: departmental approval; may be taken once in lieu of MSL 201 or 202. Students record observed traits in a dimensional leadership journal and discuss observations with instructor. Independent examination of effective leadership, communications, goal setting, decision-making, problem solving, and quality improvement techniques. 2.5 Ind Stu/2.5 Lab.

**MSL 301 Leadership & Problem Solving (3) I.** Prerequisites: 54 hours, MSL 201 and 202 or MSL 210; or Departmental approval. Students conduct self-assessment of leadership style, develop personal fitness regimen, and learn to plan and conduct individual/small unit tactical training while testing reasoning and problem-solving techniques. Students receive direct feedback on leadership abilities. 2.5 Lec/2.5 Lab.

**MSL 302 Leadership & Ethics (3) II.** Prerequisite: MSL 301 or departmental approval. Examines the role communications, values, and ethics play in effective leadership. Topics include ethical decision-making, consideration of others, spirituality in the military, and survey of Army leadership doctrine. Emphasis on improving oral/written communication abilities. 2.5 Lec/2.5 Lab.

**MSL 303 American Military History (3) I.** Examines U.S. Military History from pre-Revolutionary times to post-Vietnam: defines the principles of war; discusses political-military interactions; develops leadership through group contribution in case studies and battle analysis.

**MSL 310 Leadership Development and Assessment Course. (6) Summer Only.** Prerequisite: MSL 302. Refines student leadership and teamwork building skills through intensive practical application, rotating leader/command experience involving problem analysis, decision-making, and troop leading in both garrison and field environments. Held at Fort Lewis, Washington.

**MSL 311 Internship in Leadership (3) Summer Only.** Pre and Corequisites: MSL 301, MSL 302 and enrolled in MSL 310. Students assigned to leadership positions with active army units for 3-4 weeks. Students are paid and receive a written evaluation of their leadership performance and potential and must complete an after action report upon returning. May only be taken once.

**MSL 401 Leadership and Management (3) I.** Prerequisite: MSL 302 or departmental approval. Develops student proficiency in planning and executing complex operations, functioning as a member of a staff, and mentoring subordinates. Students explore training management, methods of effective staff collaboration, and developing counseling techniques. 2.5 Lec/2.5 Lab.

**MSL 402 Officership (3) II.** Prerequisite: MSL 401 or departmental approval. Study includes case study of military law and practical exercises on ethical command climates. Students complete a semester long Senior Leadership Project that requires them to plan, organize, collaborate, analyze, and demonstrate their leadership skills. 2.5 Lec/2.5 Lab.

**MSL 403 Topics in Military Leadership (1) A.** Prerequisite: MSL 402. Study of current

issues relevant to the professional development and commissioning of Second Lieutenants in the United States Army. May repeat with different topics for a maximum of 4 hours. 1 Lec/ Lab.

**MSL 498 Advanced Independent**

**Leadership Studies (3) A.** Prerequisite: departmental approval; may be taken twice in lieu of MSL 301, 302, 401, or 402. Equivalent study of the materials covered in the course being replaced. 2.5 Ind Stu/2.5 Lab.

**MUH—Music History**  
**Rob James, Chair**

**MUH 171 Music Appreciation. (3) I, II.** May not count toward a music major or minor. Provides the general college student with a cultural background in music. Masterpieces of music, composers, and techniques presented through listening materials and concert attendance. Gen. Ed. IIIA or VII (AH) [AH].

**MUH 271 Jazz History. (3) I, II.** A listening survey course tracing the development of jazz from its roots in the music of West Africa, African American folk music, and European music styles to the present. Gen. Ed. IIIA or VII (AH) [AH].

**MUH 272 Music Literature. (3) I, II.** Critical listening and scorereading of the standard repertory of music in Western Civilization from Gregorian plainchant to the Contemporary era. Gen. Ed. IIIA or VII (AH) [AH].

**MUH 273 Survey of American Popular Music. (3) I, II.** Survey of American popular music establishing its origins and tracing its development to the present time. Gen. Ed. IIIA or VII (AH) [AH].

**MUH 371 Survey of Music History I. (3) I.** Prerequisite: MUH 171 or MUH 272 or departmental approval. This survey of music history covers two in depth areas of study: The first eight weeks includes an introduction to world music and ancient music through Medieval Western Music. The second eight weeks continues with the Renaissance and Baroque periods. Gen. Ed. VII (AH).

**MUH 372 Survey of Music History II. (3) II.** Prerequisite: MUH 371 or departmental approval. Survey of music history from the Classical era to the present. Gen. Ed. VII (AH).

**MUS—Music APPLIED MUSIC**  
**Rob James, Chair**

*Applied music courses are only open to music majors and minors. Enrollment in applied music courses requires participation in a music ensemble.*

**MUS 101A,B,C Performance Class. (0) A.** Required of all music majors for three semesters. Passing grade achieved when students have attended a minimum total of 16 concert events per semester.

**MUS 107 Class Guitar for Nonmajors. (1) I, II.** Instruction in guitar for non-music majors. May be retaken to a maximum of 4 hours.

**MUS 108 Class Voice for Nonmajors. (1) I, II.** Instruction in singing for non-music majors. May be retaken to a maximum of 4 hours.

**MUS 109 Introductory Class Piano. (1) I.** For students enrolled in MUS 102. Elementary keyboard techniques and reading drill. Credit does not count toward a music major or minor.

**MUS 110 Beginning Class Piano I. (1) I, II.** Prepares non-piano majors to meet Level I Piano Proficiency Examination requirements. Basic keyboard skills, elementary repertoire, and technique. Some music reading ability required. May be retaken to a maximum of two hours.

**MUS 111 Beginning Class Piano II. (1) I, II.** Prerequisite: MUS 110 or departmental approval. Continuation of MUS 110. May be retaken to a maximum of two hours.

**MUS 112 Piano I. (1-2) I, II.** Corequisite: MUS 225 or 226 or 313; course open to music majors or minors only. One or two lessons per week. May be

retaken to a maximum of four hours.

**MUS 114 Keyboard Skills I. (2) I, II.** Prepares piano majors and other music majors with advanced keyboard background to meet Level II Piano Proficiency Examination requirements. Emphasis is functional skills, such as reading, transposing, playing by ear, harmonizing and improvising, combined with keyboard harmony, technique and memorization skills.

**MUS 115 Keyboard Skills II. (2) I, II.** Prerequisite: MUS 114 or departmental approval. Continued development of skills begun in MUS 114 to prepare piano majors and other music majors with advanced keyboard background to meet Level IV Piano Proficiency Examination Requirements.

**MUS 122 Voice I. (1-2) I, II.** Corequisite: MUS 225 or 226; course open to music majors or minors only. One or two lessons per week. May be retaken to a maximum of four hours.

**MUS 132a Violin I. (1-2) I, II.** Corequisite: MUS 235 or 236; course open to music majors or minors only. One or two lessons per week. Instruction available in violin. May be retaken to a maximum of four hours.

**MUS 132b Viola I. (1-2) I, II.** Corequisite: MUS 235 or 236; course open to music majors or minors only. One or two lessons per week. Instruction available in viola. May be retaken to a maximum of four hours.

**MUS 132c Cello I. (1-2) I, II.** Corequisite: MUS 235 or 236; course open to music majors or minors only. One or two lessons per week. Instruction available in violin/cello. May be retaken to a maximum of four hours.

**MUS 132d String Bass I. (1-2) I, II.** Corequisite: MUS 235 or 236 or 255A; course open to music majors or minors only. One or two lessons per week. Instruction available in string bass. May be retaken to a maximum of four hours.

**MUS 132f Guitar I. (1-2) I, II.** Corequisite: MUS 257; course open to music majors or minors only. One or two lessons per week. Instruction available in guitar. May be retaken to a maximum of four hours.

**MUS 142 Organ I. (1-2) I, II.** One or two lessons per week. May be retaken to a maximum of four hours.

**MUS 145a Cornet and Trumpet I. (1-2) I, II.** Corequisite: MUS 250 and 255A or 255B or 256; course open to music majors or minors only. One or two lessons per week. Instruction available in cornet and trumpet. May be retaken to a maximum of four hours.

**MUS 145b French Horn I. (1-2) I, II.** Corequisite: MUS 250 and 255A or 255B or 256; course open to music majors or minors only. One or two lessons per week. Instruction available in French horn. May be retaken to a maximum of four hours.

**MUS 145c Euphonium I. (1-2) I, II.** Corequisite: MUS 250 and 255A or 255B or 256; course open to music majors or minors only. One or two lessons per week. Instruction available in euphonium. May be retaken to a maximum of four hours.

**MUS 145d Trombone I. (1-2) I, II.** Corequisite: MUS 250 and 255A or 256; course open to music majors or minors only. One or two lessons per week. Instruction available in trombone. May be retaken to a maximum of four hours.

**MUS 145e Tuba I. (1-2) I, II.** Corequisite: MUS 250 and 255A or 255B or 235 or 256; course open to music majors or minors only. One or two lessons per week. Instruction available in tuba. May be retaken to a maximum of four hours.

**MUS 146a Flute I. (1-2) I, II.** Corequisite: MUS 250 and 255A or 255B or 235 or 256; course open to music majors or minors only. One or two lessons per week. Instruction available in flute. May be retaken to a maximum of four hours.

**MUS 146b Oboe I. (1-2) I, II.** Corequisite: MUS 250 and 255A or 255B or 235 or 256; course open to music majors or minors only. One or two lessons per week. Instruction available in oboe. May

be retaken to a maximum of four hours.

**MUS 146c Clarinet I. (1-2) I, II.** Corequisite: MUS 250 and 255A or 255B or 235 or 256; course open to music majors or minors only. One or two lessons per week. Instruction available in clarinet. May be retaken to a maximum of four hours.

**MUS 146d Bassoon I. (1-2) I, II.** Corequisite: MUS 250 and 255A or 255B or 235 or 256; course open to music majors or minors only. One or two lessons per week. Instruction available in bassoon. May be retaken to a maximum of four hours.

**MUS 146e Saxophone I. (1-2) I, II.** Corequisite: MUS 250 and 255A or 255B or 256; course open to music majors or minors only. One or two lessons per week. Instruction available in saxophone. May be retaken to a maximum of four hours.

**MUS 147 Percussion I. (1-2) I, II.** Corequisite: MUS 253 and 255A or 255B or 235 or 256; course open to music majors or minors only. One or two lessons per week. May be retaken to a maximum of four hours.

**MUS 210 Intermediate Class Piano I. (1) I, II.** Prerequisite: MUS 111 or departmental approval. Second year course for non-piano majors to meet Level II Piano Proficiency Examination requirements. Continuation of skill development listed under MUS 110; more complex materials, intermediate repertoire, and technique. May be retaken to a maximum of two hours.

**MUS 211 Intermediate Class Piano II. (1) I, II.** Prerequisite: MUS 210 or departmental approval. Continuation of MUS 210. May be retaken to a maximum of two hours.

**MUS 212 Piano II. (1-2) I, II.** Prerequisite: MUS 112. Corequisite: MUS 225 or 226 or 313; course open to music majors or minors only. One or two lessons per week. May be retaken to a maximum of four hours.

**MUS 222 Voice II. (1-2) I, II.** Prerequisite: MUS 122. Corequisite: MUS 225 or 226; course open to music majors or minors only. One or two lessons per week. May be retaken to a maximum of four hours.

**MUS 230 String Instruments I. (1) I, II.** Fingering, care of instruments and tone production. Group instruction to prepare for teaching strings in class and for training string section of school orchestra; survey of teaching materials.

**MUS 232a Violin II. (1-2) I, II.** Prerequisite: MUS 132a. Corequisite: MUS 235 or 236; course open to music majors or minors only. One or two lessons per week. Instruction available in violin. May be retaken to a maximum of four hours.

**MUS 232b Viola II. (1-2) I, II.** Prerequisite: MUS 132b. Corequisite: MUS 235 or 236; course open to music majors or minors only. One or two lessons per week. Instruction available in viola. May be retaken to a maximum of four hours.

**MUS 232c Cello II. (1-2) I, II.** Prerequisite: MUS 132c. Corequisite: MUS 235 or 236; course open to music majors or minors only. One or two lessons per week. Instruction available in violin/cello. May be retaken to a maximum of four hours.

**MUS 232d String Bass II. (1-2) I, II.** Prerequisite: MUS 132d. Corequisite: MUS 235 or 236 or 255A; course open to music majors or minors only. One or two lessons per week. Instruction available in string bass. May be retaken to a maximum of four hours.

**MUS 232f Guitar II. (1-2) I, II.** Prerequisite: MUS 132f. Corequisite: MUS 257; course open to music majors or minors only. One or two lessons per week. Instruction available in guitar. May be retaken to a maximum of four hours.

**MUS 242 Organ II. (1-2) I, II.** One or two lessons per week. May be retaken to a maximum of four hours.

**MUS 245a Cornet and Trumpet II. (1-2) I, II.** Prerequisite: MUS 145a. Corequisite: MUS 250 and 235 or 255a or 256; course open to music majors or minors only. One or two lessons per week. Instruction available in cornet and trumpet. May be

retaken to a maximum of four hours.

**MUS 245b French Horn II. (1-2) I, II.**

Prerequisite: MUS 145b. Corequisite: MUS 250 and 235 or 255a or 255b or 256; course open to music majors or minors only. One or two lessons per week. Instruction available in French horn. May be retaken to a maximum of four hours.

**MUS 245c Euphonium II. (1-2) I, II.**

Prerequisite: MUS 145c. Corequisite: MUS 250 and 255a or 255b or 256; course open to music majors or minors only. One or two lessons per week. Instruction available in euphonium. May be retaken to a maximum of four hours.

**MUS 245d Trombone II. (1-2) I, II.**

Prerequisite: MUS 145d. Corequisite: MUS 250 and 235 or 255a or 255b or 256; course open to music majors or minors only. One or two lessons per week. Instruction available in trombone. May be retaken to a maximum of four hours.

**MUS 245e Tuba II. (1-2) I, II.** Prerequisite: MUS 145e. Corequisite: MUS 250 and 255a or 255b or 235 or 256; course open to music majors or minors only. One or two lessons per week. Instruction available in tuba. May be retaken to a maximum of four hours.

**MUS 246a Flute II. (1-2) I, II.** Prerequisite: MUS 146a. Corequisite: MUS 250 and 255a or 255b or 235 or 256; course open to music majors or minors only. One or two lessons per week. Instruction available in flute. May be retaken to a maximum of four hours.

**MUS 246b Oboe II. (1-2) I, II.** Prerequisite: MUS 146b. Corequisite: MUS 250 and 255a or 255b or 235 or 256; course open to music majors or minors only. One or two lessons per week. Instruction available in oboe. May be retaken to a maximum of four hours.

**MUS 246c Clarinet II. (1-2) I, II.**

Prerequisite: MUS 146c. Corequisite: MUS 250 and 255a or 255b or 235 or 256; course open to music majors or minors only. One or two lessons per week. Instruction available in clarinet. May be retaken to a maximum of four hours.

**MUS 246d Bassoon II. (1-2) I, II.**

Prerequisite: MUS 146d. Corequisite: MUS 250 and 255a or 255b or 235 or 256; course open to music majors or minors only. One or two lessons per week. Instruction available in bassoon. May be retaken to a maximum of four hours.

**MUS 246e Saxophone II. (1-2) I, II.**

Prerequisite: MUS 146e. Corequisite: MUS 250 and 255a or 255b or 256; course open to music majors or minors only. One or two lessons per week. Instruction available in saxophone. May be retaken to a maximum of four hours.

**MUS 247 Percussion II. (1-2) I, II.**

Prerequisite: MUS 147. Corequisite: MUS 253 and 255a or 255b or 235 or 256; course open to music majors or minors only. One or two lessons per week. May be retaken to a maximum of four hours.

**MUS 251 Brass Instruments Class I. (1) I, II.** Fingering, care of instruments, tone production, and tuning. Group instruction to prepare for teaching brass instruments in band or orchestra. Examination of materials suitable for beginning instrumental programs.

**MUS 252 Brass Instruments Class II. (1) I, II.**

Prerequisite: MUS 251. Continuation of MUS 251.

**MUS 301 A, B, C Performance Class. (0)**

A. Prerequisite: completion of MUS 101 A,B,C. Required of all music majors for three semesters. Passing grade achieved when students have attended a minimum total of 16 concert events per semester.

**MUS 312 Piano III. (1-4) I, II.** Prerequisite: MUS 212 and completion of the sophomore comprehensive in music. Corequisite: MUS 425 or 426; course open to music majors only. One or two lessons per week. May be retaken to a maximum of eight hours.

**MUS 313 Accompanying. (1/2) I, II.**

Prerequisite: keyboard coordinator approval. Upper-division keyboard students may substitute

MUS 313 for ensembles requirements. Additional accompanying hours assigned. May be retaken to a maximum of two hours.

**MUS 320 Class Voice. (1) I, II.** Basic vocal techniques with emphasis on developing the voice for solo and/or choral performance.

**MUS 322 Voice III. (1-4) I, II.** Prerequisite: MUS 222 and completion of the sophomore comprehensive in music. Corequisite: MUS 425 or 426; course open to music majors only. One or two lessons per week. May be retaken to a maximum of eight hours.

**MUS 330 String Instruments Class II. (1) I, II.** Prerequisite: MUS 230. Continuation of MUS 230.

**MUS 332a Violin III. (1-4) I, II.** Prerequisite: MUS 232a and completion of the sophomore comprehensive in music. Corequisite: MUS 435 or 436; course open to music majors only. One or two lessons per week. Instruction in violin. May be retaken to a maximum of eight hours.

**MUS 332b Viola III. (1-4) I, II.** Prerequisite: MUS 232b and completion of the sophomore comprehensive in music. Corequisite: MUS 435 or 436; course open to music majors only. One or two lessons per week. Instruction in viola. May be retaken to a maximum of eight hours.

**MUS 332c Cello III. (1-4) I, II.** Prerequisite: MUS 232c and completion of the sophomore comprehensive in music. Corequisite: MUS 435 or 436; course open to music majors only. One or two lessons per week. Instruction in cello. May be retaken to a maximum of eight hours.

**MUS 332d String Bass III. (1-4) I, II.** Prerequisite: MUS 232d and completion of the sophomore comprehensive in music. Corequisite: MUS 435 or 436 or 455a; course open to music majors only. One or two lessons per week. Instruction in string bass. May be retaken to a maximum of eight hours.

**MUS 332f Guitar III. (1-4) I, II.** Prerequisite: MUS 232f and completion of the sophomore comprehensive in music. Corequisite: MUS 457; course open to music majors only. One or two lessons per week. Instruction in guitar. May be retaken to a maximum of eight hours.

**MUS 342 Organ III. (1-4) I, II.** One or two lessons per week. May be retaken to a maximum of eight hours.

**MUS 345a Cornet and Trumpet III. (1-4) I, II.** Prerequisite: MUS 245a and completion of the sophomore comprehensive in music. Corequisite: MUS 250 and 256 or 455a or 455b or 435; course open to music majors only. One or two lessons per week. Instruction available in cornet and trumpet. May be retaken to a maximum of eight hours.

**MUS 345b French Horn III. (1-4) I, II.** Prerequisite: MUS 245b and completion of the sophomore comprehensive in music. Corequisite: MUS 250 and 256 or 455a or 455b or 435; course open to music majors only. One or two lessons per week. Instruction available in French horn. May be retaken to a maximum of eight hours.

**MUS 345c Euphonium III. (1-4) I, II.** Prerequisite: MUS 245c and completion of the sophomore comprehensive in music. Corequisite: MUS 250 and 455a or 455b or 256; course open to music majors or minors only. One or two lessons per week. Instruction available in euphonium. May be retaken to a maximum of eight hours.

**MUS 345d Trombone III. (1-4) I, II.** Prerequisite: MUS 245d and completion of the sophomore comprehensive in music. Corequisite: MUS 250 and 256 or 455a or 455b or 435; course open to music majors only. One or two lessons per week. Instruction available in trombone. May be retaken to a maximum of eight hours.

**MUS 345e Tuba III. (1-4) I, II.** Prerequisite: MUS 245e and completion of the sophomore comprehensive in music. Corequisite: MUS 250 and 455a or 455b or 435 or 256; course open to music majors or minors only. One or two lessons per week.

Instruction available in tuba. May be retaken to a maximum of eight hours.

**MUS 346a Flute III. (1-4) I, II.** Prerequisite: MUS 246a and completion of the sophomore comprehensive in music. Corequisite: MUS 250 and 455a or 455b or 435 or 256; course open to music majors or minors only. One or two lessons per week. Instruction available in flute. May be retaken to a maximum of eight hours.

**MUS 346b Oboe III. (1-4) I, II.** Prerequisite: MUS 246b and completion of the sophomore comprehensive in music. Corequisite: MUS 250 and 455a or 455b or 435 or 256; course open to music majors or minors only. One or two lessons per week. Instruction available in oboe. May be retaken to a maximum of eight hours.

**MUS 346c Clarinet III. (1-4) I, II.** Prerequisite: MUS 246c and completion of the sophomore comprehensive in music. Corequisite: MUS 250 and 455a or 455b or 435 or 256; course open to music majors or minors only. One or two lessons per week. Instruction available in clarinet. May be retaken to a maximum of eight hours.

**MUS 346d Bassoon III. (1-4) I, II.** Prerequisite: MUS 246d and completion of the sophomore comprehensive in music. Corequisite: MUS 250 and 455a or 455b or 435 or 256; course open to music majors or minors only. One or two lessons per week. Instruction available in bassoon. May be retaken to a maximum of eight hours.

**MUS 346e Saxophone III. (1-4) I, II.** Prerequisite: MUS 246e and completion of the sophomore comprehensive in music. Corequisite: MUS 250 and 455a or 455b or 256; course open to music majors or minors only. One or two lessons per week. Instruction available in saxophone. May be retaken to a maximum of eight hours.

**MUS 347 Percussion III. (1-4) I, II.** Prerequisite: MUS 247 and completion of the sophomore comprehensive in music. Corequisite: MUS 253 and 455a or 455b or 435 or 256; course open to music majors or minors only. One or two lessons per week. May be retaken to a maximum of eight hours.

**MUS 351 Woodwind Instruments Class I. (1) I, II.** Fingering, care of instruments, tone production, and tuning. Group instruction to prepare for teaching woodwind instruments in band or orchestra. Examination of materials suitable for beginning instrumental programs.

**MUS 352 Woodwind Instruments Class II. (1) I, II.** Prerequisite: MUS 351. Continuation of MUS 351.

**MUS 354 Percussion Class I. (1) I, II.** Snare drumming, rudiments, teaching techniques. Experiences on all related percussion instruments: bass drum, tympani, and others. Some experiences with mallet instruments; marimba, xylophone, bells, and others.

**MUS 364 Instrumental Music Lab. (1) II.** Practical experience in performing and conducting instrumental music literature appropriate for use in school situation. May be retaken to a maximum of one hour.

**MUS 365 Choral Music Lab. (1) I.** Practical experience in performing and conducting choral music literature appropriate for use in school situation. May be retaken to a maximum of one hour.

**MUS 370 Marching Band Techniques. (2) I, II.** Marching fundamentals, charting, and scoring for the contemporary marching band.

**MUS 382 Choral Arranging. (2) I, II.** Scoring literature of all types of choral ensembles for school use.

**MUS 399 Joint Recital. (1) I, II.** Prerequisite: junior standing in music. Performances on four departmental recitals or a half recital shared with another student.

**MUS 412 Piano IV. (1-4) I, II.** Prerequisite: MUS 312. Corequisite: MUS 425 or 426 or 513; course open to music majors only. One or two lessons per week. May be retaken.

**MUS 422 Voice IV. (1-4) I, II.** Prerequisite: MUS 322. One or two lessons per week. May be retaken. Music majors only, corequisite: MUS 425 or 426.

**MUS 432a Violin IV. (1-4) I, II.** Prerequisite: MUS 332a. Corequisite: MUS 435 or 436; course open to music majors only. One or two lessons per week. Instruction available in violin. May be retaken to a maximum of eight hours.

**MUS 432b Viola IV. (1-4) I, II.** Prerequisite: MUS 332b. Corequisite: MUS 435 or 436; course open to music majors only. One or two lessons per week. Instruction available in viola. May be retaken to a maximum of eight hours.

**MUS 432c Cello IV. (1-4) I, II.** Prerequisite: MUS 332c. Corequisite: MUS 435 or 436; course open to music majors only. One or two lessons per week. Instruction available in violin/cello. May be retaken to a maximum of eight hours.

**MUS 432d String Bass IV. (1-4) I, II.** Prerequisite: MUS 332d. Corequisite: MUS 435 or 436 or 455a; course open to music majors only. One or two lessons per week. Instruction available in string bass. May be retaken to a maximum of eight hours.

**MUS 432f Guitar IV. (1-4) I, II.** Prerequisite: MUS 332f. Corequisite: MUS 457; course open to music majors only. One or two lessons per week. Instruction available in guitar. May be retaken to a maximum of eight hours.

**MUS 442 Organ IV. (1-4) I, II.** One or two lessons per week. May be retaken.

**MUS 445a Cornet and Trumpet IV. (1-4) I, II.** Prerequisite: MUS 345a. Corequisite: MUS 250 and 256 or 455a or 455b or 435; course open to music majors only. One or two lessons per week. Instruction available in cornet and trumpet. May be retaken to a maximum of eight hours.

**MUS 445b French Horn IV. (1-4) I, II.** Prerequisite: MUS 345b. Corequisite: MUS 250 and 256 or 455a or 455b or 435; course open to music majors only. One or two lessons per week. Instruction available in French horn. May be retaken to a maximum of eight hours.

**MUS 445c Euphonium IV. (1-4) I, II.** Prerequisite: MUS 345c. Corequisite: MUS 250 and 455a or 455b or 256; course open to music majors only. One or two lessons per week. Instruction available in baritone horn. May be retaken to a maximum of eight hours.

**MUS 445d Trombone IV. (1-4) I, II.** Prerequisite: MUS 345d. Corequisite: MUS 250 and 256 or 455a or 455b or 435; course open to music majors only. One or two lessons per week. Instruction available in trombone. May be retaken to a maximum of eight hours.

**MUS 445e Tuba IV. (1-4) I, II.** Prerequisite: MUS 345e. Corequisite: MUS 250 and 455a or 455b or 435 or 256; course open to music majors or minors only. One or two lessons per week. Instruction available in tuba. May be retaken to a maximum of eight hours.

**MUS 446a Flute IV. (1-4) I, II.** Prerequisite: MUS 346a. Corequisite: MUS 250 and 455a or 455b or 435 or 256; course open to music majors or minors only. One or two lessons per week. Instruction available in flute. May be retaken to a maximum of eight hours.

**MUS 446b Oboe IV. (1-4) I, II.** Prerequisite: MUS 346b. Corequisite: MUS 250 and 455a or 455b or 435 or 256; course open to music majors or minors only. One or two lessons per week. Instruction available in oboe. May be retaken to a maximum of eight hours.

**MUS 446c Clarinet IV. (1-4) I, II.** Prerequisite: MUS 346c. Corequisite: MUS 250 and 455a or 455b or 435 or 256; course open to music majors or minors only. One or two lessons per week. Instruction available in clarinet. May be retaken to a maximum of eight hours.

**MUS 446d Bassoon IV. (1-4) I, II.** Prerequisite: MUS 346d. Corequisite: MUS 250 and

455a or 455b or 435 or 256; course open to music majors or minors only. One or two lessons per week. Instruction available in bassoon. May be retaken to a maximum of eight hours.

**MUS 446e Saxophone IV. (1-4) I, II.** Prerequisite: MUS 346e. Corequisite: MUS 250 and 455a or 455b or 256; course open to music majors or minors only. One or two lessons per week. Instruction available in saxophone. May be retaken to a maximum of eight hours.

**MUS 447 Percussion IV. (1-4) I, II.** Prerequisite: MUS 347. Corequisite: MUS 253 and 455a or 455b or 435 or 256; course open to music majors or minors only. One or two lessons per week. May be retaken.

**MUS 499 Senior Project/Recital. (1-2) I, II.** Prerequisite: MUS 399. A full performance recital or a theory and composition project consisting of a theory project and recital of student's own compositions.

**MUS 512 Piano V. (1-4) I, II.** May not be taken for credit by piano majors.

**MUS 513 Techniques of Accompanying. (1) I, II.** Practical training in the tradition, interpretation, and execution of accompaniments. May be retaken to a maximum of two hours.

**MUS 522 Voice V. (1-4) I, II.** May not be taken for credit by voice majors.

**MUS 542 Organ V. (1-4) I, II.** May not be taken for credit by organ majors.

#### **MUS—Music MUSIC ENSEMBLES** **Rob James, Chair**

Ensembles are open to all students enrolled in the University and to qualified persons not enrolled. Interested individuals are invited to participate and should confer with the director of each ensemble to arrange for an audition.

**MUS 127, 327 Opera Workshop. (1) I, II.** Prerequisite: instructor approval. Preparation and presentation of opera scenes and complete works. All phases of performance and technical procedures of staging, costumes, and management. Course may be retaken.

**MUS 205 Chamber Music. (1/2) I, II.** Study and performance of standard chamber music literature. Open to pianists, vocalists, string, wind, and percussion players upon recommendation of instructor. Course may be retaken.

**MUS 224 Madrigal Singers. (1) I, II.** Rehearsal and performance of literature of the Madrigal. Course open by audition only. May be retaken to a maximum of four hours.

**MUS 225 Concert Choir. (0-1) I, II.** Rehearsal and performances of choral literature. Course may be retaken.

**MUS 226 University Singers. (0-1) I, II.** Rehearsal and performance of music for vocal ensemble. Concerts given both on- and off-campus. Three or more hours rehearsal per week. Course open by audition only. May be retaken to a maximum of four hours.

**MUS 235 Orchestra. (0-1) I, II.** Rehearsal and performance of orchestra literature from all style periods. Concerts given both on and off campus. Three or more hours rehearsal per week. Course open by audition only. May be retaken to a maximum of four hours.

**MUS 236 String Orchestra. (0-1) I, II.** Rehearsal and performance of string orchestra literature from all style periods. Concerts given both on and off campus. Two or more hours of rehearsal per week. Course open by audition only. May be retaken to a maximum of four hours.

**MUS 250 Small Ensembles. (0-1/2) I, II.** Rehearsal and performance for: string, brass, percussion, vocal, and woodwind ensembles. Course may be retaken.

**MUS 253 Percussion Ensemble. (0-1) I, II.** Rehearsal and performance of standard Percussion

Ensemble literature including steel drums, African studies, and marimba ensemble literature. Course open by audition only. May be retaken to a maximum of four hours.

**MUS 254 Jazz Ensemble. (0-1) I, II.** Rehearsal and performance of standard Jazz Ensemble literature including jazz improvisation, jazz styles, and form. Course open by audition only. May be retaken to a maximum of four hours.

**MUS 255A Symphonic Band. (0-1) I, II.** Course open by audition only. Rehearsal and performance of standard band literature. May be retaken to a maximum of four hours.

**MUS 255B Concert Band. (0-1) II.** Course open to all students with prior experience in wind and percussion instruments. Rehearsal and performance of standard band literature. May be retaken to a maximum of four hours. Departmental approval required for 0 credit section.

**MUS 256 Marching Band. (0-1) I.** Preparation and performances of marching band shows during the football season. Three or more rehearsals per week. May be retaken to a maximum of four hours.

**MUS 257 Guitar Ensemble. (1) I, II.** Course open to guitar majors only. Must have experience reading music and performance skills on the instrument. May be retaken for a total of four hours.

**MUS 310 Topics in Music: \_\_\_\_ (1-3).** Selected topics in music, music technology, or applied musical skills. May be retaken to a maximum of 6 hours if topic is different.

**MUS 424 Madrigal Singers. (1) I, II.** Rehearsal and performance of literature of the Madrigal. By audition only. May be retaken.

**MUS 425 Concert Choir. (0-1) I, II.** Prerequisite: MUS 225. Rehearsal and performance of choral literature. Sections may include Concert Choir, Madrigal Singers, and Show Choir. Course may be retaken.

**MUS 426 University Singers. (0-1) I, II.** Prerequisite: MUS 226. Rehearsal and performance of music for vocal ensemble. Concerts given both on and off campus. By audition only. May be retaken.

**MUS 435 Orchestra. (0-1) I, II.** Prerequisite: MUS 235. Rehearsal and performance of orchestra literature from all style periods. Concerts given both on and off campus. Course open by audition only. May be retaken.

**MUS 436 String Orchestra. (0-1) I, II.** Rehearsal and performance of string orchestra literature from all style periods. Concerts given both on and off campus. Two or more hours of rehearsal per week. Course open by audition only. May be retaken.

**MUS 453 Percussion Ensemble. (0-1) I, II.** Rehearsal and performance of standard Percussion Ensemble literature including steel drums, African studies, and marimba ensemble literature. By audition only. May be retaken.

**MUS 454 Jazz Ensemble. (0-1) I, II.** Rehearsal and performance of standard Jazz Ensemble literature including jazz improvisation, jazz styles, and forms. By audition only. May be retaken.

**MUS 455A Symphonic Band. (0-1) I, II.** Prerequisite: MUS 255A. By audition only. Rehearsal and performance of standard band literature. May be retaken. Departmental approval required for 0 credit section.

**MUS 455B Concert Band. (0-1) II.** Prerequisite: MUS 255B. Course open to all students with prior experience in wind and percussion instruments. Rehearsal and performance of standard band literature. May be retaken. Departmental approval required for 0 credit section.

**MUS 457 Guitar Ensemble. (1) I, II.** Prerequisite: MUS 257. Course open to guitar majors only. Must have experience reading music and performance skills on the instrument. May be retaken.

**MUS—Other Music Courses****Rob James, Chair**

**MUS 102 Introduction to the Fundamentals of Music. (3) I, II.** Required by students whose musical experience and preparation, as indicated by the Theory Placement Interview, are deemed insufficient to complete MUS 181. Credit does not count toward a music major or minor.

**MUS 161 Musicianship I (1) I, II.** Corequisite MUS 181. Skills and strategies for the perception, identification and performance of the basic materials of music.

**MUS 162 Musicianship II (1) I, II.** Prerequisite: MUS 161, corequisite MUS 182. Continuing study of skills and strategies for the perception, identification and performance of the basic materials of music.

**MUS 181 Beginning Theory I. (3) I, II.** Corequisite: MUS 161. Perception and understanding of music through an integrated study of relatively simple, short structures from the late Baroque to the early Romantic periods.

**MUS 182 Beginning Theory II. (3) I, II.** Prerequisite: MUS 181. Corequisite: MUS 162. Continuation of MUS 181.

**MUS 190 Introduction to Music Industry I. (2) II.** An overview to the music industry. Includes topics in music business careers, promotion and trade associations, basics of music merchandising such as music product, sales, instruments and equipment.

**MUS 191 Introduction to Music Industry II. (2) I.** Prerequisite: MUS 190 or departmental approval. Continuation of MUS 190. An overview of the music industry including record production and companies, recording studios and engineers, commercial radio and records, and radio business.

**MUS 220 Diction for Singers. (1) I, II.** For voice, education, and choral conducting students. Enunciation and projection; accurate pronunciation in English, Italian and Ecclesiastical Latin. Phonetics and the International Phonetic Alphabet.

**MUS 261 Musicianship III (1) I, II.** Prerequisite: MUS 162(C), corequisite MUS 281. Skills and strategies for the perception, identification and performance of the basic materials of music. Further study of more difficult, harmonic, melodic and rhythmic materials from the Baroque and Classic periods.

**MUS 262 Musicianship IV (1) I, II.** Prerequisite: MUS 261. Co-requisite MUS 282. Skills and strategies for the perception, identification and performance of the materials of music. Further study of more difficult, harmonic, melodic and rhythmic materials from the Romantic and Modern periods.

**MUS 281 Intermediate Theory III. (3) I.** Prerequisite: minimum grade of "C" in MUS 182. Corequisite: MUS 261. Continuation of MUS 182. Integrated skills further developed through the study of more difficult, longer structures from the Baroque and Classic periods.

**MUS 282 Intermediate Theory IV. (3) II.** Prerequisite: MUS 281. Corequisite: MUS 262. Continuation of MUS 281. Integrated skills further developed through the study of more difficult structures from the Romantic and Modern periods.

**MUS 283 Beginning Composition. (1) A.** Prerequisite: instructor approval. Guidance in the exploration and development of compositional techniques relevant to the student's stylistic direction. Correct notation and major stylistic analysis stressed. May be retaken to a maximum of four hours provided the subject matter is different each time.

**MUS 285 Jazz Improvisation. (3) I, II.** Prerequisite: MUS 182 or instructor approval. Develop skills for improvising in contemporary jazz idioms.

**MUS 290 Film Scoring. (2) II.** Prerequisite: MUS 190, 191 or departmental approval. This course gives students important and practical knowledge, tools, and approaches to writing music in the profession. Will also cover topics in Midi, sequencing,

Finale, Sibelius, and hard disk recording applications.

**MUS 349 Applied Learning in Music. (1-8) A.** Prerequisite: departmental approval. Work in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate; sixteen, baccalaureate. A minimum of 80 hours employment required for each semester hour credit.

**MUS 349 A-N Cooperative Study: Music. (1-8) A.** Prerequisite: departmental approval. Work in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate; sixteen, baccalaureate. A minimum of 80 hours employment required for each semester hour credit.

**MUS 360 Music Fundamentals for the Elementary Teacher. (2) I, II.** Open only to elementary education majors who have been admitted to the Teacher Education Program. Provides the grade teacher with sufficient knowledge and skills to teach music in the classroom. Notation, rhythmic participation, rhythm and melody instruments, creative activities, and listening experiences.

**MUS 366 Fundamentals of Conducting. (1) I.** Prerequisite: junior standing in music or instructor approval. Basic techniques of conducting.

**MUS 367 Instrumental Conducting. (2) II.** Prerequisite: MUS 366. Instrumental conducting techniques and their application in rehearsal and performance.

**MUS 368 Choral Conducting. (2) II.** Prerequisite: MUS 366. Choral conducting techniques and their application in rehearsal and performance.

**MUS 383 Orchestration. (3) I, II.** Prerequisite: MUS 182. Survey of ranges, timbres, and characteristics of orchestral instruments. Scoring for choirs and full orchestra.

**MUS 384 Electronic Music. (2) I, II.** Prerequisite: MUS 181. This course will provide a systematic investigation of four technologies specifically relevant to the field of music: they are midi sequencing, computer music notation, World Wide Web page design, and digital hard disk recording.

**MUS 390 Survey of the Music Industry I. (3) I.** Examination of the music industry including marketing and promotion, advertising, record production and companies, commercial radio and records, and radio business. A project reflecting course study is required.

**MUS 391 Survey of the Music Industry II. (3) II.** Prerequisite: MUS 390 or instructor approval. Continuation of MUS 390. Examination of the music industry including royalties, artist management, performing rights, trade journals, and industry relations and problems. A project reflecting course study is required.

**MUS 480 Form and Analysis. (3) I, II.** Prerequisites: MUS 281 and junior standing in music. In-depth study of the materials of form from the motive through large structures.

**MUS 481 Counterpoint. (3) A.** Prerequisite: MUS 281 or equivalent. Analysis and composition in 16th century and 18th century contrapuntal styles including parts of the mass, two and three-part inventions, and fugues.

**MUS 482 20th Century Music Analysis. (2) A.** Prerequisite: Junior standing. Corequisites and/or prerequisites: MUS 282 and MUH 372. A study of the compositional devices relevant to twentieth-century music, and a study of specific representative literature of significant twentieth-century composers.

**MUS 483 Composition. (2) A.** Prerequisite: MUS 282 and 283; or departmental approval. Individual guidance in the exploration and development of compositional techniques relevant to the student's stylistic direction. May be retaken to a maximum of eight hours, provided the subject matter is different.

**MUS 510 Special Topics in Music: \_\_\_\_\_ (1-3) A.** Prerequisite: MUS 480 or equivalent or departmental approval. Advanced topics in music. May be retaken to a maximum of six hours, provided the topics are different.

**MUS 520 Diction for Singers. (1) I, II.** For voice and choral conducting students. Enunciation and projection; accurate pronunciation in German and French. Phonetics and the International Phonetic Alphabet.

**MUS 550 Teaching Techniques. (1-2) A.** Analysis of current teaching methods and materials with the intention of developing sound teaching procedures. May include observation and performance. Topics in woodwinds, brass, percussion, strings, voice, piano, and organ. May be retaken to a maximum of two hours.

**MUS 551 Performance Literature. (1-2) A.** Literature for various performing media relative to performance practices and problems. Topics in woodwinds, brass, percussion, strings, voice, piano, and organ. May be retaken to a maximum of two hours.

**MUS 554 Band Literature. (2) A.** Designed to acquaint the student with European origins of the modern band; history of band music; and literature for the contemporary band.

**MUS 555 Symphonic Music Literature. (3) II.** Prerequisites: MUS 371 and 372. Evolution of the symphony from its beginning to the 20th century with emphasis on score reading and listening.

**MUS 556 Choral Music Literature. (3) I.** Prerequisites: MUS 371 and 372. Survey of choral music literature from the 15th century to the present.

**MUS 564 Advanced Instrumental Conducting. (2) A.** Prerequisite: MUS 367 or equivalent. Development of skills in score reading, preparation, interpretation, and conducting of representative orchestra or band works.

**MUS 565 Advanced Choral Conducting. (2-3) A.** Prerequisite: MUS 368 or equivalent. Development of skills in score reading, preparation, interpretation, and conducting of representative choral works.

**MUS 586 Workshop in Instrumental Music. (1-4) A.** Topics in band or orchestra procedures. May be retaken to a maximum of four hours.

**MUS 588 Pedagogy of Theory. (2) A.** Comparative study of theory systems with emphasis on presentation and illustrative exercises dealing with related theoretical problems.

**MUS 589 Workshop in Choral Music. (1-4) A.** Techniques, literature, and materials pertinent to a particular area or areas of preparation and performance of choral music. Topics to be announced. May be retaken to a maximum of four hours.

**NAT—Natural Science**  
**TBA, Chair**

**NAT 300 Science as a Human Endeavor. (3) I, II.** Using examples from biological and physical science this course investigates the scientific community, its structure, methods, and philosophy. Emphasis is on scientific revolutions that have affected perceptions of space, time, and cause.

**NAT 310 Topics in the Natural Sciences. (1-3) A.** Selected interdisciplinary topics and topics of current interest in the natural sciences. May be retaken to a maximum of three hours provided topic is different each time.

**NAT 380 Science and Society. (3) I, II.** By investigating incidences in which scientific knowledge interacts with society, this course attempts to understand the involvement of science with religion, government, technology, human population, energy, the environment, and the future. Credit will not be awarded for both NAT 380 and 380W. Gen. Ed. VII (NS).

**NAT 380W Science and Society (3) I, II.** Prerequisite: ENG 102, or ENG 105 (B), or HON 102. A writing-intensive exploration of instances in which scientific knowledge interacts with society, this course attempts to understand the involvement of science with religion, government, technology, human population, energy, the environment, and the future. Credit will not be awarded for both NAT 380 and 380W. Gen. Ed. VII (NS), VIII.



**NET—Network Security and Electronics**  
**Dr. Vignyan Chandra, Coordinator**

**NET 302 PC Troubleshooting & Construction. (3) I, II.** Formerly EET 302. Prerequisite: TEC 161 or CSC 104 or CIS 212 or equivalent. Construction, operation and troubleshooting microprocessors, system memory, computer architecture, video types, monitors, hard drives, mice, cabling, notebook computers and printers, modern operating systems, and application programs. Building computer systems to specific requirements. 2 Lec/2 Lab.

**NET 303 LANs & PC Communications. (3) I, II.** Formerly EET 303. Prerequisite: TEC 161 or CSC 104 or CIS 212 or equivalent and a grade of at least "C" in MAT 095 or a minimum math ACT score of 18 or a minimum SAT math score of 490. Installing, configuring, managing, and troubleshooting network and computer systems communications hardware and software. 2 Lec/2 Lab.

**NET 343 Network Switches & Routers. (3) A.** Formerly EET 343. Prerequisite: NET 303 or CIS 375. Cisco internetworking, switching, IOS, routing, VLAN's, access lists, and WAN protocols are covered in a combination of lecture, demonstration, and laboratory. 2 Lec/2 Lab.

**NET 354 Microcomputer & Network Security. (3) I, II.** Formerly EET 354. Prerequisite: NET 303 or CIS 375. Security considerations in computer systems and networks using appropriate hardware and software. Topics include malware, encryption, VPNs, ACLs, firewalls, Wi-Fi, and secure protocols. Testing, configuring, managing and troubleshooting security in network systems. 2 Lec/2 Lab.

**NET 395 Special Topics in NET. (2-3) A.** Formerly EET 395. Prerequisite: departmental approval, sophomore (30-59 hours) or higher standing, and (EET 252 or NET 303) Emerging technologies in the area of Network security and electronics (NET): May be repeated up to a maximum of 9 hours provided subject matter differs each time. Lec/Lab.

**NET 399 Associate Degree Capstone. (3) II.** Formerly EET 399. Prerequisite: departmental approval and sophomore (30-59 hours) standing with a minimum of 24 semester hours of NET coursework completed. A project and research oriented course which serves as a capstone experience at the Associate Degree level. Design, implementation, analysis, and troubleshooting of electronic and computer technology related systems, and managing a technical project.

**NET 403 Advanced LANs and PC Communication. (3) A.** Formerly EET 403. Prerequisite: NET 303 or CIS 375. This course will cover installation, configuration, troubleshooting and maintaining common server platforms. The participants will be given the opportunity to setup and manage network hardware, operating systems and applications. 2 Lec/2 Lab.

**NET 440 Fiber-optics & Communications. (3) A.** Formerly EET 440. Prerequisite: (MAT 108 or higher), (PHY 101), and EET 257. Principles of communication over fiber and other wired/wireless media; digital and analog data transmission; modulation and multiplexing of data. Communication system components, safety, testing and troubleshooting of fiber-optic and communication systems. 2 Lec/2 Lab.

**NET 454 Wireless/WAN Security. (3) A.** Prerequisites: (NET 303 or CIS 375) and NET 354 Security considerations in wireless and WANs. Wi-Fi, 802.11x, WPA, RADIUS, encryption, VPNs, VLANs, AAA authentication, Network Security Appliances, and secure protocols. Laboratory based configuration and security testing of WAPs, appliances and servers. 2 Lec/2 Lab

**NET 499 Senior Capstone. (3) II.** Formerly: EET 499. Prerequisite: departmental approval and senior (90 hours or more) standing. A project and research oriented course which serves as a capstone experience at the Bachelor Degree level. Design,

implementation, analysis, and troubleshooting of networking, computers and electronics technology related systems, and managing a technical project.

**NFA—Nutrition, Foods, and Food Administration**  
**Dr. Diane Leggett, Chair**

**NFA 121 Introduction to Food Composition and Preparation. (3) I, II.** A beginning food science course which deals with food composition and the relationship of scientific processes and principles to food preparation. Lecture and laboratory experiences.

**NFA 201 Essentials of Nutrition. (3) I, II.** A scientific study of the essential nutrients and their application in meeting nutritional needs of all ages. Consideration is given to food selection, nutrition misinformation, obesity, and other common dietary problems. Gen. Ed. VI.

**NFA 202 Introduction to Dietetics. (1) I.** A professional orientation course describing the roles of the practitioner in administrative, clinical, and community dietetics, along with relationships to other health professionals.

**NFA 301 Bio Nutrition. (3) A.** Prerequisites: CHE 102 or 112/112L; and NFA 201. Structures and chemical properties of CHO, PRO, fat and nucleic acids, vitamins, coenzymes, minerals, and water related to metabolic processes.

**NFA 317 Nutrition in the Life Cycle. (3) I, II.** Study of dietary needs adapted to periods of the life cycle.

**NFA 321 Meal Management. (3) A.** Prerequisites: NFA 121 and 201. Food management, planning, preparation, and service of meals through management of time, energy, money, and efficient use of equipment. Consideration is given to nutritional needs, food habits, and social customs of family groups.

**NFA 323 Experimental Foods. (3) A.** Prerequisites: NFA 121 and CHE 102 or equivalent. Advanced food science course concerning the study of the reactions and interactions of food components in complex food systems during preparation, processing, and preservation. Lecture and laboratory experiences.

**NFA 325 Quantity Food Production. (2) I.** Prerequisite: NFA 121. Corequisite: NFA 326. Standards, principles, and techniques for managing throughout the functional subsystems of a food service setting; emphasis on quality, quantity, and cost controls.

**NFA 326 Field Experiences in Quantity Food Production. (2) I.** Prerequisite: NFA 321. Corequisite: NFA 325. Supervised field experience in the technical application of theory presented in NFA 325.

**NFA 344 Institutional Purchasing. (3) II.** Prerequisites: NFA 325 and 326 or departmental approval. Principles and methods of purchasing foods and equipment for various types of quantity food services; emphasis on specifications and factors affecting quality; food cost control. Field trips included.

**NFA 349 Applied Learning in Nutrition, Foods, and Food Administration. (1-8) A.** Prerequisite: instructor approval. Work under faculty and field supervisors in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate; sixteen, baccalaureate. A minimum of 80 hours work required for each academic credit.

**NFA 349 A-N Cooperative Study: Nutrition, Foods, and Food Administration. (1-8) A.** Prerequisite: instructor approval. Work under faculty and field supervisors in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate; sixteen, baccalaureate. A minimum of 80 hours work required for each academic credit.

**NFA 401 Human Nutrition. (3) I.** Prerequisites: NFA 301 and BIO 301. Study of the functions, requirements, and interrelations of

macronutrients in normal nutrition; integration and regulation of energy metabolism and balance.

**NFA 402 Medical Nutrition Therapy. (3) I.** Prerequisite or Corequisite: NFA 401. Analysis and application of nutrition assessment, documentation, and modified feeding practices including enteral and parenteral nutrition with application for therapeutic management of gastrointestinal disorders.

**NFA 403 Medical Nutrition Therapy II. (3) II.** Prerequisite: NFA 402. Integration of nutrition therapy, pathophysiology, and biochemical alterations for assessment and management of trauma, diabetes, cancer; and cardiovascular, renal, hepatic, and pulmonary disorders.

**NFA 404 Human Nutrition II. (3) II.** Prerequisite: NFA 401. Study of the functions, requirements, and interrelations of essential and non-essential micronutrients in normal nutrition and wellness.

**NFA 411 Community Nutrition. (3) A.** Prerequisite: NFA 201. Survey of services, legislation, assessment, other relevant activities, and the role of nutritionists in various community settings. Development of educational resources for different populations. Field experience in community programs and settings to include individual and family nutrition counseling.

**NFA 415 Seminar in the Dietetics Profession. (1-3) A.** Prerequisites: NFA 401 and departmental approval. Current concepts and trends in dietetics and review of recent research. Topics include, but are not limited to, professional ethics, marketing, quality assurance and preparing for a dietetic internship.

**NFA 416 Special Problems in Nutrition. (1-3) A.** Prerequisites: NFA 401 and departmental approval. The student chooses a problem and works under the supervision of an instructor. May be retaken to a maximum of six hours provided the topics vary. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

**NFA 445 Food Service Organization and Management. (3) A.** Prerequisites: NFA 325, 326. Administrative functions within a food service system. Emphasis in top management responsibilities: financial and time management, quality assurance, legislation, labor unions, merchandising, networking, and human resource management.

**NFA 449 Onsite Foodservice Management. (3) II.** Prerequisite: Junior standing. A study of the benefits and characteristics of successful onsite food and beverage enterprises.

**NFA 500 Nutrition Concepts and Issues. (3) A.** Fundamental principles of human nutrition and their application in meeting nutritional needs of all ages. Not open to dietetic or food service administration majors.

**NFA 505 Maternal and Infant Nutrition. (3) A.** Prerequisite: NFA 201. Nutritional requirements prior to and during pregnancy, lactation, and infancy. Survey the effects of dietary toxicants, deficiency and excesses of nutrients. Field experience.

**NFA 507 Child and Adolescent Nutrition. (3) A.** Prerequisite: NFA 201. Nutritional needs, problems, dietary habits, and motivations of the toddler through adolescent years. Field experience.

**NFA 509 Nutrition and Aging. (3) A.** Prerequisite: NFA 201. The theories of causes of aging; nutritional requirements, dietary intakes and effects of nutrition on the rate of biological aging. Field experience.

**NFA 517 Sports Nutrition. (3) A.** Prerequisite: NFA 201 or 500/700. Relationship of nutrition to optimal sports performance. Examines energy use during exercise metabolism, specific nutrient needs, nutritional strategies during training, conditions requiring special consideration, controversial and potentially dangerous nutritional practices of athletes.

## NSC—Nursing (Baccalaureate)

Dr. Judy Short, Chair

**NSC 232 Health Assessment and Promotion I. (3) I, II.** Prerequisites: taken in semester immediately prior to expected enrollment in NSC 380 and students must meet minimum program GPA requirements of 2.5 or department approval. Development of assessment and health promotion skills to be used with clients throughout the life cycle.

**NSC 242 Communication in Nursing. (3) I, II.** Prerequisite: sophomore standing and minimum 2.5 cumulative GPA requirement or department approval. Therapeutic communication processes, theories, and techniques for building nurse client relationships throughout the life cycle. Development of beginning skills in nursing informatics and oral communication.

**NSC 252 Intro to Professional Nursing. (3) I, II.** Prerequisite: sophomore standing and minimum 2.5 cumulative GPA requirement or department approval. Nursing science foundation using selected concepts and constructs. Emphasis on past and current knowledge in the formulation of nursing as a basic and applied science. Application of epidemiology to nursing practice.

**NSC 330 Clinical Drug Therapy. (3) I, II, A.** Prerequisites: NSC 332, 350, and 380 with a grade of "C" or better. Corequisite: NSC 386. Foundation for applying drug knowledge in client care, with emphasis on increasing therapeutic effects and decreasing adverse effects. Includes study of selected drug classes, prototypes and individual drugs.

**NSC 331 Clinical Pharmacology for the RN. (3) A.** Prerequisite: RN status. Builds on a basic foundation of drug knowledge with an emphasis on both the therapeutic and adverse effects of drug therapy. Includes the study of selected individual drugs, drug classes, and current prototypes.

**NSC 332 Health Assessment and Promotion II. (2) I, II, A.** Prerequisites: NSC 232, 242, and 252 with a grade of "C" or better and admission to the baccalaureate nursing major. Prerequisite or Corequisite: NSC 350 and 380 with a grade of "C" or better. Development of physical assessment skills and evaluation of health patterns for clients throughout the life cycle.

**NSC 340 Health Assessment for the RN. (2) A.** Prerequisites: RN status and admission to the RN-BSN option. Enhancement of physical assessment skills for RNs with application to clients throughout the lifespan.

**NSC 350 Pathophysiology. (3) I, II, A.** Prerequisites: NSC 232, 242, and 252 with a grade of "C" or better and admission to the baccalaureate nursing major. Prerequisite or Corequisite: NSC 332 and 380 with a grade of "C" or better. Provides a framework for interpreting structural and functional changes associated with disease, facilitating critical thinking and decision making required of the professional nurse.

**NSC 370 Health Disparities. (3) A.** Prerequisite: junior standing or departmental approval. Explores the social, economic, political and historical context of health disparities experienced by groups with an emphasis on racial/ethnic, gender and socioeconomic aggregates. Explores contributing factors and potential solutions to domestic and global health disparities. Gen. Ed. VIII.

**NSC 378 Short Topics in Clinical Nursing. (1-3) A.** Prerequisites: NSC 392 and 396. Provides enrichment learning for upper division nursing students and practicing registered nurses. Each segment of the course describes the current trends in nursing theory and practice including relevant pathologic processes and usual nursing management. Emphasis on in-depth study of current interest topics. May be retaken to a maximum of six hours credit.

**NSC 380 Adult Health Nursing I. (4) I, II.** Prerequisites: NSC 232, 242, and 252 with a grade of "C" or better and admission to the baccalaureate

nursing major. Prerequisite or Corequisite: NSC 332 and 350 with a grade of "C" or better. Uses nursing process to develop practice solutions for selected adult health issues.

**NSC 381 Perspectives in Professional Nursing I. (5) A.** Prerequisites: RN status and admission to the RN-BSN option. Transition to the professional nursing role for the RN student emphasizing foundational concepts of professional nursing practice.

**NSC 385 Perspectives in Professional Nursing II. (5) A.** Prerequisite: NSC 381. Advanced concepts and skills for professional nursing practice.

**NSC 386 Adult Health Nursing II. (10) I, II.** Prerequisites: NSC 332, 350, and 380 with a grade of "C" or better. Corequisite: NSC 330. Uses nursing process to develop practice solutions for selected adult health issues.

**NSC 390 Nursing Research. (2) I, II, A.** Prerequisites: STA 215 or 270 with a grade of "C" or better. Uses the research process to guide nursing practice in the delivery of quality, cost effective health care.

**NSC 392 Mental Health Nursing. (5) I, II.** Prerequisites: NSC 330 and 386 with a grade of "C" or better. Uses the nursing process to develop practice solutions for clients throughout the life cycle with selected mental health issues.

**NSC 396 Family Health Nursing. (7) I, II.** Prerequisites: NSC 330 and 386 with a grade of "C" or better. Uses the nursing process to develop practice solutions for families during the childbearing and child rearing experience.

**NSC 440 Leadership and Management. (3) A.** Prerequisites: RN status and admission to the RN-BSN option. An overview of leadership and management theory in health care explores the leadership role of nursing. Strategies for facing challenges, promoting cost-effective health care, and promoting leadership success in the dynamic health care system.

**NSC 442 Complex Health Systems. (5) A.** Prerequisites: NSC 440 and NSC 486 or department approval. Synthesis of professional nursing competencies and concepts to address human diversity and manage care in today's complex health systems.

**NSC 445RN Professional Role Transitions. (2) A.** Prerequisites: RN status and admission to the RN-BSN option. Role development seminar for RNs. Critical analysis of trends which shape professional nursing practice. Analysis of strategies for instituting change in various health care delivery systems.

**NSC 480 Health Care Leadership. (3) I, II.** Prerequisites: NSC 390, 392, and 396 with grades of "C" or better. An overview of leadership and management theory within nursing including legal, ethical and economic concepts. Prepares students to assume leadership in dynamic health care systems to promote comprehensive, cost-effective health care.

**NSC 484 Adult Health Nursing III. (5) I, II.** Prerequisites: NSC 390, 392, and 396 with a grade of "C" or better. Uses nursing process to develop practice solutions for selected adult health issues.

**NSC 486 Public Health Nursing. (5) I, II.** Prerequisites: NSC 385 or NSC 392 and 396 or departmental approval. Synthesizes nursing concepts and applies the nursing process to develop practice partnerships with communities and their subsystems.

**NSC 492 Complex Client Health Care. (5) I, II.** Prerequisites: NSC 480, 484, and 486 with minimum grades of "C." Corequisite: NSC 495. Synthesizes nursing competencies to manage complex health problems, integrating legal, ethical and economic concepts.

**NSC 495 Professional Role Transition. (2) I, II.** Prerequisite: NSC 480, 484, and 486 with minimum grades of "C." Corequisite: NSC 492. Role development seminar emphasizing refinement of oral presentation skills. Critical analysis of role theory, political, economic and socioethical systems

which shape nursing practice. Analyzes strategies for instituting change in the health care delivery system.

**NSC 496 Application of Nursing Theory. (2) I, II.** Prerequisites: NSC 480, 484, and 486 with minimum grades of "C." Facilitates synthesis of nursing knowledge and strengthens the student's ability to apply theory to specific patient situations. Patient case situations from all nursing clinical areas are utilized.

**NSC 498 Independent Study. (1-6) A.** Prerequisite: student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment. Directed study or research on an issue or area of interest to nursing. May be retaken to a maximum of six hours.

**NSC 500 Early Childhood Health Care. (3) A.** Prerequisite: education major or instructor approval. Focuses on the development of competencies necessary for health management of young children (ages birth through five years) with special health care needs. Appropriate for non-health care professionals in the community or classroom.

## NUR—Nursing (Associate)

Dr. Peggy Tudor, Chair

**NUR 114 Nursing Concepts I (8) I, II.** Prerequisite: Admission to the Associate Degree Nursing Program. Provides theoretical and clinical foundation necessary for beginning nursing students. Content addresses the role of the nurse in assisting clients to achieve optimal health. Students are provided opportunities in the classroom, laboratory, and healthcare setting. Credit will not be awarded to students who have received credit for NUR 112 and 116.

**NUR 124 Nursing Concepts II - Med-Surg. (5) I, II.** Prerequisites: NUR 112 and 116, BIO 171, ENG 101 or ENG 105, NFA 201 all with a grade of "C" or better. Applies the nursing process when caring for adult and pediatric clients experiencing common stressors and clients experiencing selected health issues.

**NUR 126 Nursing Concepts II - Perinatal. (3) I, II.** Prerequisites: NUR 112 and 116, BIO 171, ENG 101 or ENG 105, NFA 201 all with a grade of "C" or better. Applies the nursing process when caring for families during the childbearing experience.

**NUR 200 Dosage Calculation for Nursing. (1) A.** Develops competency in dosage calculation and provides progression in application for nonparenteral to parenteral medications.

**NUR 201 Dosage Calculation for Nursing II. (1) I, II.** Prerequisite: NUR 117 (S) or NUR 200 (C or better). Develops competency in dosage calculations of intravenous therapies. Emphasis on IV medication on titration calculations including pediatric, obstetric, and clinical care dosages.

**NUR 205 Role Transition for the Licensed Practical Nurse. (1) A.** Prerequisite: admission to associate degree nursing program. Requirement for entry of licensed practical nurses into NUR 232 and 234. Emphasis is on roles of the Associate Degree Nurse, communication skills, and use of the nursing process.

**NUR 210 Medieval to Modern Drug Treatment. (3) I, II.** This course explores herbolgy, home and folklore remedies, over-the-counter medications, high technology drug development, Food and Drug Administration (FDA) approval, and considers implications of merging past and present medicinal treatments.

**NUR 215 Clinical Techniques in Nursing. (1-6) A.** Prerequisites: NUR 120, 121, 122, and 123 or 124 & 126 or equivalent with a grade of "C-" or better. Supervised practice in department approved agency. The number of hours will depend on the range and depth of activities. May be retaken to a maximum of 6 hours.

**NUR 217 Strategies for Success in Nursing. (1) I, II.** This course explores a variety of strategies

designed to assist students to develop habits which promote success in nursing education.

**NUR 230 Principles of Pain Management**

(2) **I, II.** This course examines specific concepts aimed at relieving client pain by altering the physiological, psychological, and behavioral variables of the pain experience.

**NUR 232 Nursing Concepts III-Med-Surg.**

(7) **I, II.** Prerequisites: NUR 124, 126 or NUR 205; BIO 301, CHE 105/107, ENG 102 or ENG 105 all with a grade of "C" or better. Applies the nursing process while caring for adult and pediatric clients experiencing selected complex health issues.

**NUR 234 Nursing Concepts III-Psych. (3)**

**I, II.** Prerequisites: NUR 124, 126 or NUR 205, BIO 301, CHE 105/107, ENG 102 or ENG 105 all with a grade of "C" or better. Applies the nursing process while caring for clients experiencing psychosocial health issues.

**NUR 239 Transitions in Nursing. (4) A.**

Prerequisite: departmental approval. A four-hour course designed to assist international students as they transition into a new health care system prior to their final semester of nursing, which includes a clinical component.

**NUR 242 Nursing Concepts IV. (9) I,**

**II.** Prerequisites: NUR 232, 234, BIO 273 or CLT 209/211, PSY 200 all with grade of "C" or better. Corequisite: NUR 255. Develops competencies in the application of the nursing process while caring for individuals and groups of adult and pediatric clients experiencing selected complex health issues.

**NUR 247 Holism, Health, and Success. (1),**

**I, II.** Prerequisite: CHS nursing student. Principles and theories from holistic nursing, education, and psychology are explored and applied to the creation of academic success, health, and the attainment of personal life goals.

**NUR 250 Introduction to Gerontology. (3)**

**I, II.** Formerly CHS 250. An interdisciplinary approach to the study of aging that presents a balanced view of both normal and problem aspects of aging. Credit will not be awarded for both NUR 250 and CHS 250.

**NUR 255 Trends and Issues in Nursing. (2)**

**I, II.** Prerequisites: NUR 232 and 234. Corequisite: NUR 242. Focuses on the exploration of current issues and trends in nursing practice.

**NUR 265 Independent Study. (1-6) A.**

Directed study on an issue or area of interest to nursing. May be retaken to a maximum of six hours credit.

**NUR 300 Individual Clinical Enrichment.**

(1-6). **A.** Prerequisite: departmental approval. Integrates theory and practice through collaborative partnerships to enhance clinical nursing competencies.

**OHO—Ornamental Horticulture**  
**Dr. Bruce Pratt, Chair**

**OHO 131 Principles of Horticulture. (3)**

**I.** Corequisite: OHO 132. Introduction to the major divisions of horticulture with emphasis on plant growth, propagation, reproduction, and soil-water relationships. Exploration of the various phases of horticulture and the related employment opportunities in the industry.

**OHO 132 Horticulture Laboratory. (1) I.**

Corequisite: OHO 131. Laboratory, greenhouse, and field work which applies the principles of nursery, turf, and greenhouse management taught in the classroom.

**OHO 283 Bedding Plant Production. (3)**

**II.** Cultural practices of propagation and growing annuals and perennials to outdoor planting size, using structures and facilities necessary for production. Students will propagate and produce bedding plants and prepare outdoor plantings. 2 Lec/2 Lab.

**OHO 301 Directed Work Experience. (1-4)**

**I, II.** A minimum of three hours per week per hour of credit using university or other approved facilities. May be retaken for a maximum of 4 credit hours.

**OHO 349 Applied Learning in Horticulture.**

(1-8) **A.** Work under faculty and field supervisors in placements related to academic studies. One to eight

hours credit per semester or summer. Total hours: eight, associate; sixteen, baccalaureate. A minimum of 80 hours work required for each academic credit.

**OHO 349 A-N Cooperative Study:**

**Horticulture. (1-8) A.** Work under faculty and field supervisors in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate; sixteen, baccalaureate. A minimum of 80 hours work required for each academic credit.

**OHO 351 Turfgrass Management. (4)**

**I.** Prerequisite: AGR 215. The establishment and maintenance of greenspaces utilizing turfgrass species and cultivars adapted to variable intensities of culture. Relationships of environmental factors and cultural practices are emphasized. 3 Lec/2 Lab.

**OHO 352 Horticulture Equipment. (2)**

**A.** The selection, operation, and maintenance of equipment and engines used in establishing and maintaining landscape, nursery, and greenhouse areas. 1 Lec/2 Lab.

**OHO 354 Irrigation Systems. (2) I.** An introduction to irrigation systems, their design and installation for efficient water utilization in crop production and maintenance. Overhead, drip, and subirrigation systems are evaluated.

**OHO 362 Topics in Landscape Gardening. (1-6) A.** Students may enroll once in each topic for a total of seven hours.

**OHO 362A Home Landscape Option.**

**OHO 362D Disease and Insect Control**

**Option.**

**OHO 362E Floral Design Option.**

(2 credit hours: 1 Lec/2 Lab)

**OHO 362F Lawn Establishment and Maintenance Option.**

**OHO 362G Problems of Golf Course Operation Option.**

**OHO 362K Interior Landscaping Option.**

**OHO 363 Retail Florist Operation. (3) A.** The study of floral businesses as related to locating, starting, and operating a retail floral establishment.

**OHO 364 Advanced Floral Design. (2)**

**A.** The study and practice of advanced floral design techniques; includes construction of conventional and contemporary floral designs. 1 Lec/2 Lab.

**OHO 365 Deciduous Flowering Trees, Flowering Shrubs, Vines and Broadleaf Evergreens.**

(3) **I.** Study of deciduous flowering trees, flowering shrubs, vines and broadleaf evergreens including their biological identification, growth habits, ornamental features, environmental adaptation, utilization, and management in the landscape.

**OHO 366 Deciduous Shade Trees and Narrow Leaf Evergreens. (3) II.** Study of deciduous trees and narrow leaf evergreens including their identification, growth habits, ornamental features, environmental adaptation, utilization, and management in the landscape.

**OHO 367 Herbaceous Ornamental Plants**

(3) **A.** Identification, culture, and landscape use of bulbs, annuals, and herbaceous perennials, including ornamental grasses.

**OHO 370 Landscape Operations Management. (3) II.** Management of labor, estimating and bidding along with basic maintenance of trees, shrubs, and herbaceous plants in the landscape operation. 2 Lec/2 Lab.

**OHO 371 Nursery Production Technology.**

(3) **I.** Prerequisite: AGR 215. Production and wholesale marketing techniques of woody and herbaceous ornamental plants including site selection, growing procedures, and shipping. Students work in the University nursery and develop business record keeping systems with the use of microcomputers.

**OHO 372 Nursery Retail Technology. (3)**

**A.** Prerequisites: OHO 131 and 132. The design, development, and management of a retail nursery outlet primarily a retail nursery garden center. Students will develop a model retail business including all phases of applied sciences such as business record keeping, with the help of microcomputers.

**OHO 373 Fruit and Vegetable Production.**

(3) **A.** Managing soils, controlling pests, harvesting, handling, marketing and storing of many fruit and vegetable crops. Pruning and training for quality bush and tree fruits.

**OHO 384 Greenhouse Floral Crops. (3) A.** The study of specialized greenhouse floral crops and methods of producing them; includes bed and container growing production cycles to meet peak demands and marketing techniques. 2 Lec/2 Lab.

**OHO 385 Production of Foliage Plants. (3) A.** Identification of green foliage plants, usually called houseplants; propagation techniques, rooting mediums, disease and insect control, and arranging plants in planters and baskets for marketing.

**OHO 388 Greenhouse Operation and Management. (3) II.** Plant propagation and growing techniques in a greenhouse. The student learns operation procedures and the economics of operating a greenhouse and using cold and hot frames.

**OHO 389 Greenhouse Management Practicum. (3) I, II.** Management of the greenhouse; students work nine hours per week in the greenhouses to practice management and production skills.

**OHO 391 Landscape Methods and Related Businesses. (3) I, II.** Prerequisite: OHO 261 or 262. Elements of design and the execution of the landscape architect plan. Additional emphasis will be placed on occupations related to ornamental horticulture including industrial grounds management. 2 Lec/2 ab.

**OHO 392 Landscape Construction Techniques. (3) II.** Comprehensive study of common landscape construction materials and their use in current landscape applications. Class will include laboratory exercises involving the construction of such components as retaining walls, water features, decks, and patios.

**OHO 410 Special Problems in Horticulture. (1-3) I, II.** Prerequisite: Departmental approval. Cross listed as AGR 410. Students choose a problem and work under the supervision of the instructor in the field of the problem. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment. May be retaken for a maximum of 6 credit hours provided topics are different. Credit will not be awarded for both OHO 410 and AGR 410.

**OSH—Occupational Safety and Health**

**OSH 200 Applied Fire and Safety Analysis**

(3) **A.** Cross listed as FSE 200. Analytical and statistical concepts and procedures for the treatment of fire and safety related data. Includes quantitative and qualitative techniques, descriptive and inferential statistics. Credit will not be awarded for both OSH 200 and FSE 200.

**OSH 225 Legal Aspects of Fire Protection and Safety. (3) A.** Cross listed as FSE 225. A study of legislative and legal decisions relating to personnel practices, employee safety, and public protection. Emphasizes the legal responsibilities, liabilities, and authority of the fire service practitioner. Credit will not be awarded for both OSH 225 and FSE 225.

**OSH 305 Hazardous Materials. (3) A.** Prerequisite: FSE 120. Cross listed with FSE 305. Study of hazardous material problems in transportation, storage, and use. Chemical properties relating to specific reactions, engineering controls, and control in an emergency situation. Emphasis on the role of pre-emergency planning, combating, coordinating, and controlling a hazardous materials incident. Credit will not be awarded for both OSH 305 and FSE 305.

**OSH 349 Applied Learning in Fire and Safety Engineering. (1-8) A.** Cross listed with FSE 349. Prerequisite: departmental approval. Work in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate; sixteen, baccalaureate. A minimum of 80 hours employment required for each semester hour credit. Credit will not be awarded for both OSH 349 and FSE 349.

**OSH 349 A-N Cooperative Study: Fire and Safety Engineering. (1-8) A.** Cross listed with FSE 349 A-N. Prerequisite: departmental approval. Work in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate; sixteen, baccalaureate. A minimum of 80 hours employment required for each semester hour credit. Credit will not be awarded for both OSH 349 A-N and FSE 349 A-N.

**OSH 361 Principles of Occupational Safety and Health (3) A.** History of the development of occupational safety and health. Methods of accident prevention and hazard control. Introduction to safety programs, workers' compensation, emergency preparedness and accident investigation. Credit will not be awarded for both OSH 361 and FSE 361.

**OSH 362 Principles of Occupational Safety and Health Legislation (3) A.** Review of OSHA standards with emphasis on compliance and liability reduction. Discussion of OSHA regulations including citations, penalties, inspections, and record keeping. Credit will not be awarded for both OSH 362 and FSE 362.

**OSH 366 Hazard Identification and Control (3) A.** Prerequisite: FSE 361 or departmental approval. Hands-on approach toward identification and control. Areas of study include noise levels, chemical land electrical hazards, air contaminants, and heat/cold stress. Control measures include administrative, engineering, and safeguarding methods. Credit will not be awarded for both OSH 366 and FSE 366.

**OSH 367 Human Factors in Occupational Safety. (3) A.** Prerequisites: BIO 171 and PHE 320. Focuses on ergonomics, man/machine interface and human efficiency. Study of work-related stress, psychological factors, and Cumulative Trauma Disorders. Solutions are reviewed for common problems found in labor-intensive operations. Credit will not be awarded for both OSH 367 and FSE 367.

**OSH 379 Construction Safety. (3) A.** Prerequisite: FSE 362. An in-depth analysis of the federal and Commonwealth of Kentucky's OSHA requirements for construction safety. Credit will not be awarded for both OSH 379 and FSE 379.

**OSH 390 Workers Compensation I. (3) A.** Prerequisite: junior standing. An in-depth study of the foundations of Workers Compensation law. Emphasis will be placed on the history and theory of injuries "arising out of" and being "in the course of" employment. Credit will not be awarded for both OSH 390 and FSE 390.

**OSH 410 System Safety Analysis. (3) A.** Prerequisite: FSE 361 or departmental approval. Evaluation of the probabilities and consequence of various risks. Study includes system safety analysis, job safety analysis, hazard analysis, and faulty tree analysis. Safety audit methods are reviewed. Credit will not be awarded for both OSH 410 and FSE 410.

**OSH 412 Safety and Health Program Management. (3) A.** Prerequisites: FSE 200, 362, and 366; or departmental approval. Emphasis on personnel aspects, communication, and motivation in managing safety and health programs. Practice in writing safety programs and implementing safety training. Evaluation of the effectiveness of various methods and programs. Credit will not be awarded for both OSH 412 and FSE 412.

**OSH 492 Workers Compensation II. (3) A.** Prerequisite: FSE 390. An in-depth study of the management of a workers compensation program. Emphasis will be placed on learning the provisions of the Kentucky Workers Compensation Act and the processing and management of worker compensation claims. Credit will not be awarded for both OSH 492 and FSE 492.

**OSH 495 Senior Capstone (3) A.** Prerequisite: OSH 492(C). Students examine case studies, examine real life situations, combine knowledge they have gained from previous coursework, analyze and develop strategies, develop countermeasures, engage in strategic planning and policy development and training.

## OTS—Occupational Therapy Dr. Colleen Schneck, Chair

**OTS 101 Occupation Perspectives: Human Services. (2) A.** Overview of health and human service roles using an occupational science perspective. Through lecture and active learning students will develop an understanding of the responsibilities of health and human service personnel in the areas of professional identity, reasoning, communication and diversity.

**OTS 301 Practicum I: Concepts. (4) A.** Prerequisites: BIO 171, BIO 301, and PSY 200. Corequisite: OTS 311. Concepts of occupational science and occupational therapy. Integrate knowledge of self as a creative and active occupational being through reflection and portfolio development.

**OTS 302 Practicum II: Life Narratives. (3) A.** Prerequisites: OTS 301, 311, 432 and BIO 271 with a grade of C or better. Corequisites: OTS 313, 335, and 421. Introduction to life narratives as an assessment of occupation. Active learning experiences focusing on occupation across the lifespan including reflection and portfolio development.

**OTS 311 Self as Occupational Being. (3) A.** Corequisite: OTS 301. Analysis of occupation and occupational patterns of self. Recognize the influence of occupation on the well-being of self through active learning experiences.

**OTS 312 Occupation by Design. (3) A.** Corequisites: OTS 401 and 422. Foundational problem solving, task, and activity analysis concepts related to designing occupations. Students apply strategies to implement a design process.

**OTS 313 Occupation in Context. (3) A.** Corequisite: OTS 302. The student will gain an understanding of occupation as influenced by interrelated multiple contexts. Through active learning experiences the student will be able to recognize and apply the constructs of context.

**OTS 335 Professional Dynamics. (3) A.** Corequisite: OTS 302. Analysis and application of communication skills necessary for becoming an effective team member. Emphasis on theories of group dynamics, leadership and professional interaction skills, decision making and conflict resolution through active learning.

**OTS 362 Human Motion for Activity. (3) A.** Prerequisite: BIO 271. Kinetics of the musculoskeletal system in relation to occupational performance. Included are evaluation procedures for muscle strength and range of motion. Emphasis on physics of movement and biomechanical analysis of occupation. 2 Lec/2 Lab.

**OTS 401 Practicum III: Diversity. (3) A.** Prerequisite: OTS 302. Corequisites: OTS 312 and 422. Introduction to cultural competence and diversity. Enhance understanding of ability and disability concerns in society through interview, reflection and portfolio development.

**OTS 402 Practicum IV: Advocacy & Research. (3) A.** Prerequisite: OTS 401. Participatory experiences in the application of advocacy, ethics, and research to advance health and wellness. Course includes self reflection and portfolio completion. Credit will not be awarded for both OTS 402 and 402S.

**OTS 402S Practicum IV: Advocacy and Research. (3) A.** Prerequisite: OTS 401. Participatory experiences in the application of advocacy, ethics, and research to advance health and wellness. Course includes self reflection and portfolio completion. Credit will not be awarded for both OTS 402 and 402S.

**OTS 410 Special Problems in Occupational Therapy. (1-3) A.** Prerequisite: student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment. Independent study, special seminar, or special topic. May be retaken to a maximum of six hours.

**OTS 421 Occupation Across the Lifespan. (3) A.** Corequisite: OTS 302. The course examines the biophysical, cognitive and psychosocial

development of a person as an occupational being. Content explores engagement in occupations across the lifespan.

**OTS 422 Impact of Conditions on Occ. (4) A.** Corequisites: OTS 312 and 401. Introduction to human occupation and medical terminology in the context of disease and disability. Content includes pathophysiological, behavioral and developmental issues which have an impact on human occupation.

**OTS 430 Intervention in Health and Human Services. (3) A.** Overview of primary concepts related to occupational assessment, intervention and documentation as a provider in health care systems. Compare intervention processes in various health and human service delivery models.

**OTS 432 Research in Occupation. (4) I, II.** Prerequisite: STA 215. Students will learn to be consumers and participants in qualitative and quantitative research, examine methods of research design, data collection, and prepare a research prospectus related to occupational science. Apply statistical methods to the study of occupation.

**OTS 475 Special Topics: \_\_\_\_\_. (1-3) A.** Prerequisite: permission of department. May be retaken under different subtopics for a total of 6 credits. Advanced study of selected topics in occupational science.

**OTS 478 Health Care Delivery Systems. (3) A.** An introduction to the history of health care systems, models of health care, and contemporary health policy issues and trends. Includes content on financing health care, health care professional roles and ethics.

**OTS 479 Equine Assisted Activity. (3) A.** Explores equine assisted activity, therapeutic horseback riding, equine facilitated mental health, and hippotherapy. Content includes supervised service learning experiences with individuals of varying ages and conditions in a horse-related environment.

**OTS 499 Constructs of Occupation. (6) A.** Prerequisite: undergraduate degree, BIO 171, 301, PSY 200 and STA 215. Synthesis of occupational constructs as they apply to self and others. Emphasis on occupation across the lifespan, design, and analysis. Portfolio development emphasizes occupation theme.

**OTS 515 Early Child Sensorimotor Development. (3) A.** Provides an overview of normal sensorimotor development in infants and young children. Includes contrasting normal/ abnormal development and application of appropriate developmental tasks. Laboratory experiences will be provided.

**OTS 520 Providing Health Services in Appalachia. (3) A.** Cross listed as APP 520. Prerequisite: departmental approval. An analysis of development and delivery of health care services in Appalachia. Examination of relevant current and historical factors which have an impact on the health of Appalachian people. Credit will not be awarded for both OTS 520 and APP 520.

## PGM—Professional Golf Management Dr. Lana Carnes, Chair

**PGM 349 Applied Learning in PGA/ Professional Golf Management. (1) A.** Prerequisites: minimum GPA 2.25 and admission to PGM. Transfer students are eligible after one semester on campus. Co-curricular work experience under PGM staff and field supervisors. The student is assigned duties and responsibilities approved by PGM Program Coordinator or Director of PGA/PGM and the PGA member on-site. A contract outlining student responsibility is required and must be signed by the student, supervising professional, and a PGM staff member prior to placement. A maximum of five credit hours may be applied toward major.

**PGM 349 A-N Cooperative Study: PGA/Professional Golf Management. (1) A.** Prerequisites: minimum GPA 2.25 and admission to PGM. Transfer students are eligible after one

semester on campus. Co-curricular work experience under PGM staff and field supervisors. The student is assigned duties and responsibilities approved by PGM Program Coordinator or Director of PGA/PGM and the PGA member on-site. A contract outlining student responsibility is required and must be signed by the student, supervising professional, and a PGM staff member prior to placement. A maximum of five credit hours may be applied toward major.

**PHE—Physical Education**  
**Dr. Jack Rutherford, Chair**

**PHE 180 Lifetime Wellness. (3) I, II.** Interactive learning and laboratory experiences for individual assessment, practice of exercise systems, and improvement of body function. This course offers a comprehensive discussion of the critical areas of health, physical fitness, and wellness. Gen. Ed. VI.

**PHE 190 Wellness Experience: \_\_\_\_\_ (1-2) I, II.** Wellness activities of current interest and/or need for students. May be retaken to a maximum of six hours, if subtitles are different. Credit will not be awarded for both PHE 190 and HPR 190.

**PHE 200 Dance and Culture. (3) I.** Introduction to dance and its role as a non-verbal means of expression. The course examines several dance forms and their cultural context including folk, social, ethnic, entertainment, and dance as an art form. Gen. Ed. IIIA or VII (AH) [AH].

**PHE 201 Foundations of Sport Science. (3) I, II.** Introduction to the profession, exposure to professional standards in the field, and historical perspective and philosophies in physical education and sports science.

**PHE 212 Care and Prevention of Athletic and Exercise Injuries. (3) I, II.** Overview of the mechanism, prevention, management, and rehabilitation of athletic and exercise injuries. Practical experiences include the application of supportive techniques to the major joints of the body.

**PHE 214 Tap I. (1) A.** Tap I covers the basic tap steps used in *Rhythm Tap* performed with low-heeled tap shoes. Students also learn how to improvise with a basic palette of steps and gain an understanding of basic tap history.

**PHE 220 Team Sports I. (2) I.** Basic skills, strategy, rules, officiating, and teaching techniques related to various team sports.

**PHE 224 Team Sports II. (3) I, II.** Basic skills, strategy, rules, officiating, and teaching techniques related to basketball, volleyball, soccer, and track and field.

**PHE 230 Social Dance I. (1) I, II.** This course introduces the basic movement concepts of social dancing. Rhythm, style and variations of several popular social dances are covered as well as leading and following skills. Some of the dances covered include: swing, salsa, merengue, tango, waltz and hustle.

**PHE 241 Swimming and Water Safety. (1) A.** Beginning Swimming or instructor approval. Develop swimming skills and endurance to intermediate level; study of fundamental mechanical principles; basic safety skills; ability to conduct a variety of aquatic activities.

**PHE 250 Modern Dance (1) I, II.** A beginning level modern dance technique class designed to introduce the student to basic modern dance skills and concepts including some improvisation and choreographic skills. No prior dance experience is necessary. May be retaken up to a maximum of 3 hours.

**PHE 261 Coaching Baseball and Softball. (2) I, II.** Theory and practice in coaching the fundamentals of baseball and softball; team offense and defense.

**PHE 271 Ballet I. (1) A.** A beginning ballet class designed to introduce the student to the art of ballet. Basic barre, center floor and across the floor combinations are performed. Ballet history and terminology are covered through the textbook readings and videos.

**PHE 300 Dance Activities in the Schools. (3) II.** Teaching creative and social forms of dance in the educational and recreational setting.

**PHE 301 Foundations of Coaching. (3) I, II.** Coaching communication, organization, motivational skills, sports skills, tactics, and philosophy. American Sport Education Program (ASEP) certification awarded to those who qualify.

**PHE 305 Individual and Dual Sports I. (3) I, II.** Basic skills, strategy, etiquette, rules, and teaching techniques related to tennis, golf, and badminton.

**PHE 306 Individual and Dual Sports II. (3) A.** Basic skills, strategy, etiquette, rules, and teaching techniques related to archery, bowling, and racquetball.

**PHE 310 Physical Activity and Child Development. (3) II.** Prerequisite: EDF 319. Understanding of motor development and the improvement of human movement through developmental movement activities which are basic to readiness for performance at school.

**PHE 313 Lifeguard Training. (2) I, II.** Prerequisite: ability to pass American Red Cross swimming test. Advanced technique of water safety and rescue; American Red Cross certification awarded to those who qualify.

**PHE 314 Tap II. (1) A.** This class offers intermediate tap steps, turns and dance combinations as well as the history of tap and its prominent dance figures.

**PHE 315 Physical Fitness Concepts and Applications. (3) I, II.** Discussion, demonstration, practice of fitness concepts and various methods of developing physical fitness.

**PHE 320 Biomechanics. (3) I, II.** Prerequisite: BIO 171. Qualitative study of human movement through anatomical, physiological, and biomechanical concepts; analysis and application.

**PHE 322 Legal Issues in Sports. (3) I.** Legal issues involved in the supervision, management, and business operations of sport. A critical perspective of the American legal system as it applies to the sport.

**PHE 323 Movement Concepts and Skill Themes. (3) I.** Prerequisites: physical education major and EDF 103 and 203. Motor skill themes and movement concepts required for planning and teaching the appropriate sequence and scope for achievement of learner outcomes through elementary physical education.

**PHE 324 Policy and Governance in Sport. (3) I.** Designed to encourage students to integrate management theory with governance and policy development. Provides an overview of the sport industry from the perspective of the sport management professional.

**PHE 325 Physiology of Activity. (3) I, II.** Prerequisite: BIO 301. Effects of physical activities on various systems of the human body.

**PHE 327 Sport in American Society. (3) II.** Impact of sport in American society with attention to relationship of political, economic, ethnic, and institutional forces operating within the phenomenon of sport.

**PHE 328 Sport Finance. (3) II.** Course will examine all aspects of successful sport business operations, including budgeting, legal issues, marketing, competitive positioning, regulatory compliance, and strategies for success in sport and recreation industry.

**PHE 330 Social Dance II. (1) A.** This course will build on skills learned in Social Dance I. New dances covered will include: Triple Swing, West Coast Swing, Bolero, Samba and Quickstep. More variations will also be introduced for dances learned in Social Dance I.

**PHE 340 Water Safety Instructor. (3) I, II.** Prerequisite: proficient swimming ability. For excellent swimmers, this American Red Cross course will train students to become certified swimming instructors. Course consists of lecture, lab, technique instruction, and practice teaching. WSI certification for those who qualify.

**PHE 345 Dance Choreography. (2) II.** Basics of dance choreography, applicable to entertainment and art forms of dance.

**PHE 349 Applied Learning in Physical Education. (1-8) A.** Work in a cooperative placement related to student's academic studies. Satisfactory (S) or Unsatisfactory (U) grade. May be retaken to a maximum of eight hours. A minimum of 80 hours work required for each semester hour credit.

**PHE 349 A-N Cooperative Learning: Physical Education. (1-8) A.** Work in a cooperative placement related to student's academic studies. Satisfactory (S) or Unsatisfactory (U) grade. May be retaken to a maximum of eight hours. A minimum of 80 hours work required for each semester hour credit.

**PHE 350 Modern Dance I, II. (1) A.** An intermediate level Modern Dance technique class including floor, center floor and across the floor dance combinations. The course is designed to help the student improve his/her alignment, technique, improvisation and choreographic skills.

**PHE 355 Ethnic Dance Forms. (1) A.** A beginning/intermediate dance class in a particular ethnic form of dance. Basic steps and rhythms characteristic of the dance form will be learned as well as information about the culture from which it is derived.

**PHE 360 Coaching Basketball. (2) I, II.** Theory and practice in coaching the fundamentals of basketball; team offense and defense.

**PHE 361 Coaching Volleyball. (2) I, II.** Theory and practice in coaching the fundamentals of volleyball; team offense and defense.

**PHE 362 Coaching Track and Field. (2) II.** Theory and practice in coaching fundamentals involved in track and field.

**PHE 365 Gymnastics. (2) I, II.** Knowledge and skills required for teaching gymnastics skill themes and movement concepts.

**PHE 370 Practicum in Physical Education. (1-3) I, II.** Overview of physical education teaching through consultation and application; students will experience teaching-learning situations by assisting with various curricular programs. May be retaken to a maximum of three hours.

**PHE 383 Sports Officiating. (1) I, II.** Technique and skill of officiating, structure of officiating, and relationship between performance, behavior, and the official's duties.

**PHE 390 Lifetime Activity Series: \_\_\_\_\_ (1/2 - 2) I, II.** A series of activities suitable for participation throughout life. Includes rules, skills, techniques, and strategies. May be retaken to a maximum of four hours toward graduation requirements. Credit will not be awarded for both PHE 390 and HPR 390.

**PHE 400 Management of Sport Organizations. (3) II.** Aspects of sport management including disciplinary foundations of sport, theoretical and applied foundations of organization and management, opportunities available in various segments of the sport industry, and professional preparation and development.

**PHE 407 Strength and Conditioning Programming. (3) I, II.** Advanced skills in developing, implementing, and evaluating strength training programs. Knowledge of strength and resistance training, spotting techniques, and safety techniques, exercises and associated anatomy, periodization, and general guidelines for all fitness levels and ages.

**PHE 415 Outdoor and Lifelong Leisure Motor Activities. (3) II.** Knowledge and skills needed to conduct cooperative, leisure, adventure, and outdoor motor activities for achievement of important personal and educational goals.

**PHE 418 Dance Science. (3) A.** Application of functional anatomy, basic physiology and physics to dance movement. Offers knowledge base for teachers to instruct safe and effective dance classes and prevent injury. Requirement for Dance Certification.

**PHE 420 Coaching Football. (2) I, II.** Theory and practice in coaching the fundamentals of

football; team offense and defense.

**PHE 423 Psychology of Coaching. (3)**

**I.** Study of the dynamics of coaching including performance enhancement and understanding the functions of the coaching process.

**PHE 430 Fitness Program Administration.**

**(3) I.** Prerequisites: PHE 320, 325, and 407 with a grade of "C" or better. Students will learn aspects of fitness and wellness program administration, including management skills, budgeting, member tracking, promotion, and record keeping. Additionally, students will be introduced to electrocardiography.

**PHE 433 Adult Physical Fitness Programs.**

**(3) II.** Prerequisites: BIO 171, 301, PHE 325 and junior standing. Practice and study of exercise programs meeting the guidelines of the American College of Sports Medicine (ACSM) for improving body composition and cardiovascular-respiratory function in adults.

**PHE 435 Group Fitness Instruction. (3) I.**

Prerequisites: PHE 320 and 325. A methods course for teaching aerobic dance-exercise. Students will learn movement and rhythmic fundamentals, effective teaching methods, how to develop appropriate and creative choreography, injury prevention, marketing techniques, and legal issues involved in starting and running a group exercise class.

**PHE 450 Modern Dance III. (1) I, II.**

An advanced level modern dance technique class including floor, center floor and across the floor dance combinations. The course is designed for the dancer that has had several years of dance training and is prepared for more challenging and complex dance skills. May be retaken to a maximum of three hours.

**PHE 467 Skill Acquisition. (3) I.** Practical application of principles of learning and performing motor skills taught in the physical activity environment and the influence of historical events on research in the area of skill acquisition.

**PHE 470 Internship: Sport Management.**

**(1-6) A.** Prerequisite: 2.0 GPA, completion of sport management core and supporting courses. Students are required to document a minimum of 50 hours of sport management related experiences prior to enrollment in PHE 470. Supervised experiences in the directing of sports and physical activities in various settings. May be retaken to a maximum of six hours.

**PHE 471 Practicum in Teaching Dance.**

**(3) A.** Practical experience creating lesson plans and teaching dance in the P-12 school system. Practicum students will teach primary, elementary, middle and secondary students, dance as an art form along with ethnic, folk and social dance. Required for Dance Certification.

**PHE 472 Internship: Physical Fitness and Wellness Management. (1-6) A.** Prerequisite:

2.0 GPA; completion of physical education core courses and physical fitness and wellness option courses. Students are required to document a minimum of 50 hours of physical fitness and wellness related experiences prior to enrollment in PHE 472. Supervised experiences in the directing of wellness and physical fitness activities in various settings. May be retaken to a maximum of six hours.

**PHE 485 Independent Study. (1-3) I,**

**II.** Individual work on a physical education related problem in supervised situation. Restricted to undergraduate physical education major or minor student. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

**PHE 530 Sports Information Programs.**

**(3) II.** Study of the role and function of the sports information director. Includes public relations techniques applied to sports information; press releases, publications programs, office and staff organization, time utilizations, news media, and formats.

**PHE 562 Adapted Physical Activity. (3)**

**I, II.** Principles and practices of adapted physical education emphasizing the needs of people with disabilities. Emphasis will be placed on the importance

of physical activity, recent legislation, assessments, individual education plans, and adapting activities.

**PHE 575 Tests and Measurements in**

**Physical Education. (3) I, II.** Administration and scoring of tests; evaluation of use of results obtained.

**PHE 590 Special Topics in Physical**

**Education. (1-4) A.** Study of various topics in physical education and sport selected to meet special student needs and interests. May be retaken to a maximum of six hours with advisor approval provided subtitle is different.

**PHI—Philosophy**

**Dr. Laura Newhart, Chair**

**PHI 100 Practical Reasoning. (3) I, II.**

The development of skills essential for the analysis and evaluation of reasoning and argumentation of kinds commonly encountered in essays, textbooks, news media, discussions, lectures, and work situations. Gen. Ed. VII (QS).

**PHI 110 Beginning Philosophy. (3) I, II.**

Basic introductory course in philosophy. Consideration of perennial questions of the human experience, especially questions about reality, knowledge, self, values, and religious belief. Credit will not be awarded for both PHI 110 and 110W. Gen. Ed. IIIB or VII (AH). [AH].

**PHI 110W Beginning Philosophy: Writing**

**Intensive. (3) I, II.** Prerequisite: ENG 102 or 105(B) or HON 102(B). A writing-intensive basic introductory course in philosophy. Consideration of perennial questions of the human experience, especially questions about reality, knowledge, self, values, and religious belief. Credit will not be awarded for both PHI 110 and 110W. General Education IIIB. [AH].

**PHI 130 Beginning Ethics. (3) I, II.**

Survey of theories concerning the nature of right and wrong, emphasizing how these theories can be applied to personal moral choices. Gen. Ed. IIIB or VII (AH). [AH].

**PHI 240 Philosophy of Religion. (3) A.**

Study of religious experience, faith and knowledge, the nature and existence of God, the problem of evil, religious ethics, and religious language. Credit will not be awarded for both PHI 240 and 240W. Gen. Ed. IIIB or VII (AH). [AH].

**PHI 240W Philosophy of Religion: Writing**

**Intensive. (3) A.** Prerequisites: ENG 102 or 105 (B) or HON 102. Study of religious experience, faith and knowledge, the nature and existence of God, the problem of evil, religious ethics, and religious language. Credit will not be awarded for both PHI 240 and 240W. Gen. Ed. IIIB or VII (AH). [AH].

**PHI 300 Greek and Roman Philosophy.**

**(3) A.** Survey of philosophical thought as seen through an examination of selected issues and selected philosophers from ancient Greece through the early Roman period. Credit will not be awarded for both PHI 300 and 300W. Gen. Ed. IIIB or VII (AH). [AH].

**PHI 300W: Greek and Roman Philosophy:**

**Writing Intensive. (3) A.** Prerequisite: ENG 102, or ENG 105(B), or HON 102(B). Survey of philosophical thought as seen through an examination of selected issues and selected philosophers from ancient Greece through the early Roman period. Credit will not be awarded for PHI 300 and 300W. Gen. Ed. IIIB or VII (AH). [AH].

**PHI 310 Medieval Philosophy. (3) A.**

Study of Christian, Jewish, and Islamic philosophical thought in the Middle Ages and of Renaissance scholasticism. Issues in various areas of philosophical inquiry are examined through selected readings from Augustine to Suarez.

**PHI 320 Modern Philosophy. (3) A.**

Examination of some major issues and some major philosophers from the 17th and 18th centuries. Gen. Ed. IIIB or VII (AH). [AH].

**PHI 330 Twentieth Century Philosophy.**

**(3) A.** A survey of the principal schools of philosophic

thought of the twentieth century in Europe and America, with special attention to the important issues which emerge.

**PHI 332 Existentialism & Postmodernism.**

**(3) A.** Study of the influence of such existentialists as Nietzsche, Husserl, Sartre, de Beauvoir, and Heidegger on contemporary postmodern theories such as Foucault, Baudrillard, Derrida, Kristeva, and Irigaray.

**PHI 340 Philosophy of Science. (3) A.**

How views of reality, knowledge, and values relate to science and scientists. Philosophical assumptions of science examined through historical examples of scientific investigations. The value and the values of scientific methods and scientific theories. Credit will not be awarded for both PHI 340 and 340W. Gen. Ed. VIII (Option 3).

**PHI 340W Philosophy of Science: Writing**

**Intensive. (3) A.** Prerequisite: ENG 102 or 105(B) or HON 102(B). A writing-intensive basic introductory course in philosophy of science. How views of reality, knowledge, and values relate to science and scientists. Philosophical assumptions of science examined through historical examples of scientific investigations. The value and the values of scientific methods and scientific theories. Credit will not be awarded for both PHI 340 and 340W. Gen. Ed. VIII (Option 3).

**PHI 342 American Philosophy. (3) A.**

A critical examination of basic beliefs held by Americans regarding themselves, their culture, and world, through the thought of modern American philosophers such as Royce, Peirce, James, Santayana, Woodbridge, Dewey, and Whitehead.

**PHI 349 Applied Learning in Philosophy.**

**(1-8) A.** Prerequisite: consult with department chair before enrolling. Work in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate; sixteen, baccalaureate. A minimum of 80 hours employment required for each semester hour credit.

**PHI 349 A-N Cooperative Study: Philosophy.**

**(1-8) A.** Prerequisite: consult with department chair before enrolling. Work in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate; sixteen, baccalaureate. A minimum of 80 hours employment required for each semester hour credit.

**PHI 350 Metaphysics. (3) A.**

elaboration of the various approaches to metaphysics in the history of philosophy, including contemporary anti-metaphysical points of view.

**PHI 352 Theory of Knowledge. (3) A.**

An examination of the nature, possibility, limits, sources and value of knowledge of minds and the world.

**PHI 362 Technology and Values. (3) A.**

An examination of philosophical issues related to science, technology, public health, economics, and the environment, with special attention being given to the personal and social ethical issues that arise in these contexts. Gen. Ed. VIII (Option 3).

**PHI 371 Symbolic Logic. (3) A.**

Basic introduction to modern symbolic logic: propositional logic, first order predicate logic, proofs and metaproofs, and nature and properties of formal logic systems. Gen. Ed. VII (QS).

**PHI 383 Health and Biomedical Ethics. (3)**

**A.** An examination of the value-issues which surround problems that arise in health-related fields and whose resolution calls for moral judgments. Typical problems would include: euthanasia, experimentation with humans, behavior control, genetic engineering, and distribution of health care facilities.

**PHI 385 Environmental Ethics. (3) A.**

An examination of historical and contemporary views of the values and rights of nature. Possible topics include animal rights, conservationism, the land ethic, stewardship, deep ecology, ecofeminism, and indigenous approaches to the environment.

**PHI 388 Special Topics in Ethics. (1-3)**

**A.** An examination of ethical theories, of major ethical thinkers, or of an applied ethical field like business ethics or environmental ethics. May be retaken to a maximum of fifteen hours if the topic is different.

**PHI 390 Special Topics in Philosophy.** (1-3) **A.** Prerequisite: consult with department chair before enrolling. Detailed examination of a problem-area or a school of philosophy in the history of philosophy or the thought on one outstanding philosopher. May be retaken to a maximum of fifteen hours if the topic is different.

**PHI 432 Philosophy of Art. (3) A.** Examination of the major philosophical theories of art and beauty and the place of aesthetic language in the general area of value judgments. Representative classical and contemporary figures will be considered.

**PHI 490 Independent Work in Philosophy. (3) I, II.** Prerequisite: consult with department chair before enrolling. Individual research and reading on a specified philosophical problem chosen by the student and instructor. Students must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment. May be retaken to a maximum of six hours if topic is different.

**PHI 499 Senior Thesis. (3) A.** Prerequisite: consult with department chair before enrolling. Supervised, independent thesis for seniors majoring in philosophy.

**PHI 551 Classical Theory. (3) A.** Cross-listed as POL 551. Examination of Western political thought from Plato to Aquinas. Credit will not be awarded to students who have credit for POL 551, POL 551W or PHI 551W.

**PHI 551W Classical and Medieval Political Theory. (3) A.** Prerequisite: ENG 102 or 105 (B) or HON 102(B). Cross-listed as POL 551W. Examination of Western political theory from Plato to Aquinas. Credit will not be awarded to students who have credit for POL 551, POL 551W or PHI 551.

**PHI 552 Modern Political Theory. (3) A.** Cross listed as POL 552. Examination of Western political theory from the Renaissance to the mid-twentieth century. Credit will not be awarded to students who have credit for POL 552, POL 552W or PHI 552W.

**PHI 552W Modern Political Theory (3) A.** Cross-listed as POL 552W. Prerequisite: ENG 102 or 105 (B) or HON 102. Examination of Western political theory from the Renaissance to the mid-twentieth century. Credit will not be awarded to students who have credit for POL 552, POL 552W or PHI 552.

**PHI 553 Contemporary Political Theory. (3) A.** Cross-listed as POL 553. Examination of Western political theory from the mid-twentieth century to the present. Credit will not be awarded to students who have credit for POL 553, POL 553W or PHI 553W.

**PHI 553W Contemporary Political Theory (3) A.** Cross-listed as POL 553W. Prerequisite: ENG 102 or 105 (B) or HON 102. Examination of Western political theory from the mid-twentieth century to the present. Credit will not be awarded to students who have credit for POL 553, POL 553W or PHI 553.

**PHY—Physics**  
**Dr. Jerry Cook, Chair**

**PHY 100 Techniques of Physics Research. (1) I, II.** Prerequisite or Corequisite: MAT 107 or higher or departmental approval. Techniques of physics research to include methods of data collection, measurement, and analytical interpretation to better prepare students for the physics curriculum.

**PHY 101 Concepts of the Physical World. (3) I, II.** Prerequisite: MAT 105 or higher. Designed primarily for the non-science student. Topics on energy, sound, light, electricity, magnetism, and nuclear phenomena. 2 Lec/2 Lab. Gen. Ed. IVB or VII (NS). [NS].

**PHY 102 Inquiry Physics for Teachers. (3) I, II.** Prerequisite: MAT 105 or higher and pre-teaching or teaching elementary and middle school education majors only or departmental approval. An inquiry-based, conceptual-approach physical science

course for teaching majors. Topics include kinematics, matter and heat, optics, electricity, and magnetism. Credit will not be awarded for both PHY 101 and 102. 1 Lec/4 Lab. Gen. Ed. IVB or VII (NS). [NS].

**PHY 129 Success in College Physics (1) I, II.** Corequisite: PHY 131. This course will emphasize topics presented in PHY 131 that the students may require additional instruction to master. Topics to be covered will include one-dimensional motion, Newton's Laws of Motion, momentum, energy, and rotational motion. Students will be allowed to enroll up to four weeks after classes start. A withdrawal from PHY 129 must be matched by a withdrawal from PHY 131.

**PHY 131 College Physics I. (5) I, II.** Prerequisite: MAT 108 or higher or departmental approval. Fundamental ideas of mechanics, heat, and sound. Credit will not be awarded for both PHY 131 and 201. A withdrawal from PHY 131 must be matched by a withdrawal from PHY 129 if enrolled in both courses. 6 Lec/Lab. Gen. Ed. IVB or VII (NS). [NS].

**PHY 132 College Physics II. (5) I, II.** Prerequisite: PHY 131. Fundamental ideas of electricity, magnetism, optics, and modern physics. Credit will not be awarded for both PHY 132 and PHY 202. 6 Lec/Lab. Gen. Ed. IVB or VII (NS). [NS].

**PHY 201 University Physics I. (5) I.** Prerequisite: MAT 124 or 124H or MAT 261 or departmental approval. Composition and resolution of forces, laws of equilibrium, Newton's laws of motion, work and energy, momentum, simple harmonic motion, hydrodynamics, heat phenomena. Credit will not be awarded for both PHY 131 and PHY 201. 6 Lec/Lab. Gen. Ed. IVB or VII (NS). [NS].

**PHY 202 University Physics II. (5) II.** Prerequisite: PHY 201. Prerequisite or Corequisite: MAT 224 or departmental approval. Electrostatics, electric potential, dielectrics, A.C. and D.C. circuits, magnetic fields, Faraday's Law, sound, wave motion, geometrical and physical optics. Credit will not be awarded for both PHY 132 and PHY 202. 6 Lec/Lab. Gen. Ed. IVB or VII (NS). [NS].

**PHY 221 Statics. (3) A.** Prerequisite: PHY 201. Prerequisite/Corequisite: MAT 224. Study of force systems on bodies at rest, descriptions of force systems, distributed and internal forces, applications of hydrostatics, frames and trusses, beams.

**PHY 300 Modern Physics I. (3) I.** Prerequisite: PHY 132 or 202; MAT 124 or 124H, MAT 261 or departmental approval. Physics of the 20th century. Topics include special relativity, quantum effects, wave theory, Bohr theory, structure of the hydrogen atom. Credit will not be awarded for both PHY 300 and 300W.

**PHY 300W Modern Physics I (3) I.** Prerequisites: ENG 102 or ENG105(B), or HON 102; PHY 132 or 202; MAT 124, 124H or MAT 261 or departmental approval. Physics of the 20th century. Topics include special relativity, quantum effects, wave theory, Bohr theory, structure of the hydrogen atom. Credit will not be awarded for both PHY 300W and PHY 300.

**PHY 301 Modern Physics II. (3) II.** Prerequisite: PHY 300. A continuation of PHY 300. Topics include atomic and molecular structure, nuclear structure, nuclear reactions, elementary particles.

**PHY 303 Introduction to Laser Physics. (3) A.** Prerequisite: PHY 132 or PHY 202 and instructor approval. An introduction to the theory and application of different types of lasers such as dye, nitrogen, He/Ne, diode, and mercury vapor; the characteristics of laser light, and optical measuring devices. 2 Lec/2 Lab.

**PHY 306 Classical Physics Laboratory. (2) I.** Prerequisite: PHY 132 or 202. Experiments in mechanics, optics, and electricity. Simulation of physical situations using a spreadsheet. Techniques of interfacing scientific equipment to microcomputers. 4 Lab.

**PHY 307 Electronics. (4) A.** Prerequisite: PHY 132 or 202. Theory of solid state devices, power

supplies, transducers, operational amplifiers, solid state switches, flip-flops, counters, digital devices, logic families. 3 Lec/3 Lab.

**PHY 308 Atomic and Nuclear Laboratory. (2) II.** Prerequisite or Corequisite: PHY 301. Various experiments demonstrate types and effects of radiation, properties of atoms and nuclei, and experimental, computer, and analytical techniques. 4 Lab.

**PHY 315 Introductory Electrical Circuits. (4) A.** Prerequisite: PHY 202. Prerequisite or Corequisite: MAT 224. Fundamental laws and principles for linear circuits whose elements consist of passive and active components used in present day practice. Determination of the sinusoidal steady state responses using the algebra of complex numbers.

**PHY 349 Applied Learning in Physics. (1-8) A.** Work in placements related to academic studies. A minimum of 80 hours employment is required for each semester hour of academic credit. Total hours: eight, associate; sixteen, baccalaureate. Hours earned in PHY 349 will not apply toward a physics major or minor.

**PHY 349 A-N Cooperative Study: Physics. (1-8) A.** Work in placements related to academic studies. A minimum of 80 hours employment is required for each semester hour of academic credit. Total hours: eight, associate; sixteen, baccalaureate. Hours earned in PHY 349 will not apply toward a physics major or minor.

**PHY 375 Thermodynamics. (3) A.** Prerequisite: PHY 202. Prerequisite or Corequisite: MAT 224. Study of temperature, thermodynamic systems, ideal gases, first and second law of thermodynamics, Carnot cycle, Kelvin temperature scale, entropy.

**PHY 402 Physical Optics. (3) A.** Prerequisite: PHY 202. Prerequisite or Corequisite: MAT 224. Wave motion, interference, Fraunhofer and Fresnel diffraction, electromagnetic radiation, dispersion, polarization, double refraction, lasers, holography.

**PHY 420 Electricity and Magnetism. (4) A.** Prerequisites: PHY 202 and MAT 225. Electrostatics in vacuum and dielectrics, solutions of Laplace's and Poisson's equations, magnetic fields, induced EMF's, magnetic materials, and Maxwell's equations.

**PHY 458 Classical Mechanics I. (3) A.** Prerequisite: PHY 202. Prerequisite/Corequisite: MAT 353. Applications of calculus to the principles of classical mechanics. Topics include vectors, rectilinear motion in one dimension, motion in three dimensions, non-inertial reference systems, central forces, and celestial mechanics.

**PHY 459 Classical Mechanics II. (3) A.** Prerequisite: PHY 458. Continuation of PHY 458. Topics include many-bodied systems, rigid bodies, Lagrangian and Hamiltonian mechanics, coupled harmonic oscillators, wave motion.

**PHY 470 Quantum Mechanics. (3) A.** Prerequisite: PHY 458. Basic principles of wave mechanics, solutions of Schrodinger wave equation for simple systems, interpretation of solutions and application to atomic and molecular problems.

**PHY 506 Physics for High School Teachers. (3) A.** Credit given toward major or minor only in teaching programs. Topics from general and modern physics to prepare teachers to teach high school physics and give classroom demonstrations. 2 Lec/3 Lab.

**PHY 510 Special Problems in Physics: \_\_\_\_\_.** (1-6) A. Prerequisites: PHY 202 and departmental approval. Special laboratory experiments, development of new equipment, or solution of special mathematical problems related to physics. May be retaken to a maximum of six hours provided subject matter is different each time. Student must have the independent study form approved by faculty supervisor and department chair prior to enrollment.

**PLS—Police Studies****Dr. Victor E. Kappeler, Chair**

**PLS 103 Foundations of Policing. (3) I, II.** Overview of police functions and responsibilities at the local, state, and federal levels. Police operations are examined relative to effectiveness in crime control, delivery of services, and maintenance of order.

**PLS 216 Criminal Law. (3) I, II.** The nature of the criminal act; the essential elements; theories of responsibility; exculpatory matters; overview of common law offenses; identification of trends in the law.

**PLS 220 Criminal Investigation. (3) A.** Fundamental of criminal investigation, crime scene search and recording, collection and preservation of physical evidence, scientific aids, modus operandi, sources of information, interviews and interrogation, follow-up, case preparation and case management.

**PLS 315 Police Administration and Management. (3) I, II.** Prerequisite: sophomore standing. Critically examines the theories of motivation, leadership, and organization in the police context. Police administrative and management functions studied emphasizing personnel management and organizational change.

**PLS 316 Criminal Evidence. (3) I, II.** Prerequisite: sophomore standing. Overview of trial procedures; classification of evidence; proof; presumptions; relevance; eyewitness identification; testimonial privileges; character; hearsay; impeachment; scientific evidence; collection and preservation of evidence.

**PLS 320 Workshop in Law Enforcement. (1-3) A.** Prerequisite: sophomore standing. Designed primarily for in-service law enforcement personnel; focuses on current problems, issues, and strategies in law enforcement. May be retaken to a maximum of six hours.

**PLS 326 Police, Liability, and Ethics. (3) A.** Prerequisite: sophomore standing. Police conduct is examined relative to ethical and legal principles. Application of federal and state civil, criminal, and administrative law including civil rights issues.

**PLS 330 Topics in Police Studies. (1-6) A.** Prerequisite: sophomore standing. Examination of a contemporary issue in policing including historical perspective, societal issues, present status, and future development. The police response to a specific problem is the core of this course. Course may be taken for a maximum of six hours under different headings.

**PLS 349 Applied Learning in Police Administration. (1-8) A.** Prerequisites: departmental approval, sophomore standing. Work under faculty and field supervisors, in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate; fifteen, baccalaureate. Minimum 80 hours work required for each academic credit. A maximum of three hours of PLS 349 and 424 can be applied toward the PLS major or minor.

**PLS 349 A-N Cooperative Study: Police Administration. (1-8) A.** Prerequisites: departmental approval, sophomore standing. Work under faculty and field supervisors, in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate; fifteen, baccalaureate. Minimum 80 hours work required for each academic credit. A maximum of three hours of PLS 349 and 424 can be applied toward the PLS major or minor.

**PLS 375 Terrorism/Counterterrorism. (3) A.** Prerequisite: sophomore standing. A study of domestic, foreign, and transactional terrorism, with emphasis on the philosophical bases, organization, equipment, and operations of terrorist groups. Role of law enforcement agencies in implementation of anti-terrorist measures is examined. Credit will not be awarded for both PLS 375 and APS 375.

**PLS 380 Police in the Popular Media. (3) A.** Prerequisite: sophomore standing. A study of the public's perception of police through popular media

(music, radio, television, films, short stories and books) and how those media sources might influence policing itself.

**PLS 385 Police Related Violence. (3) A.** Prerequisite: sophomore standing. A descriptive, theoretical and philosophical approach to violence used by the police and violence directed toward them. Psychological and sub-cultural impacts will be examined. Additional analysis associated with lethal and non-lethal violence policy and strategies are included.

**PLS 390 Predatory Crime and Crime Patterns. (3) A.** Prerequisite: sophomore standing. Examination of selected crime categories including predatory street, conventional property, and sex crimes. Areas of concentration include theoretical and ecological characteristics, victim-offender relationships, and crime patterns emphasizing police responses.

**PLS 403 Homicide. (3) A.** Prerequisite: sophomore standing. Explore current theoretical, philosophical and empirical literature associated with homicide. Content includes descriptive, theoretical, empirical, and practical explanations of criminal homicide patterns. Included will be an examination of death investigation systems and police responses.

**PLS 408 Policing and Technology. (3) I, II.** Prerequisite: sophomore standing. Overview overview of crime with a focus on understanding the empirical realities, legal issues, civil liberty issues, criminal justice system responses, and social and political impacts of cyber crime.

**PLS 410 Human Relations in Policing. (3) A.** Prerequisite: sophomore standing. Theoretical and practical problems and issues in the relationship between police agencies and the total community. Various police-community relations programs are outlined.

**PLS 414 Social Forces and Policing Society (3) A.** Prerequisites: CRJ 101 and PLS 103. Sophomore standing or higher. Examines the history and evolution of policing in the United States with an emphasis on the political, social, cultural, legal and organizational forces that have molded that history. The roles and functions of police in America are examined in detail within the context of race, class and gender.

**PLS 415 Contemporary Police Strategies. (3) A.** Prerequisite: senior standing. Review of contemporary police issues, programs, and strategies. Detailed analysis and evaluation of police practices, including impact on the relationship between the police and the community. Assessment of police reform measures and accountability mechanism.

**PLS 416 Criminal Procedure. (3) A.** Prerequisite: PLS 216, sophomore standing, or instructor approval. A detailed study of the laws of arrest (including the use of force), search and seizure, emphasizing the constitutional basis, historical development, statutes, and recent court decisions.

**PLS 426 Federal Criminal Law. (3) A.** Prerequisites: PLS 216 or CRJ 312; sophomore standing. An examination of the federal criminal law enforcement system with a focus on substantive offenses. In addition to specific crimes, the basis of federal jurisdiction will be studied.

**POL—Political Science****Dr. Lynette Noblitt, Interim Chair**

**POL 100 Principles of Politics and Government. (3) I, II.** An introductory social science course focusing on the political and governmental aspects of societies. Does not count toward political science major requirements. Credit will not be awarded for both POL 100 and 100S. Gen. Ed. VB, VC, or VII (SBS). [SB].

**POL 100S Principles of Politics and Government. (3) I, II.** An introductory social science course focusing on the political and governmental aspects of societies, enhanced with a service-learning component. Does not count toward the political science major requirements. Credit will not be awarded for both POL 100 and 100S. Gen. Ed. VB, VC, or VII

(SBS). [SB].

**POL 101 Introduction to American Government. (3) I, II.** Principles, functions, and basic political institutions of the American system of government at the national level. Gen. Ed. VB, VC, or VII (SBS). [SB].

**POL 101S Introduction to American Government: Service Learning. (3) A.** Principles, functions, and basic political institutions of the American system of government at the national level enhanced with a service-learning component. Credit will not be awarded for both POL 101 and 101S. Gen. Ed. VB, VC, or VII (SBS).

**POL 201 Short Topics in Political Science. (1-3) A.** A maximum of three short topics offered during any semester. The student may take any or all topics. May be retaken to a maximum of six hours when topics vary. For those qualified high school students enrolled in the topic "A Kentucky Locality" the grade of "IP" may be given.

**POL 212 Introduction to Comparative Politics. (3) I, II.** A study of the purpose, concepts, and methods used in the cross-national study of politics and government. Credit will not be awarded to students who have credit for both POL 210 and 211. Gen. Ed. VB or VC or VII (SBS). [SB].

**POL 220 Introduction to International Relations. (3) I, II.** The study of the political interactions of countries and the relationship of politics to economics, the environment, technology, culture and society on a global level. Gen. Ed. VB, VC, or VII (SBS). [SB].

**POL 280 Research and Writing in Political Science. (3) A.** Prerequisite: majors, minors, or departmental approval. Practical application of techniques and methods used in collection, analysis, and written presentation of political data. No more than 6 hours of POL courses numbered 300 or above may be taken prior to completing POL 280.

**POL 300 Contemporary Political Problems. \_\_\_\_\_, (3) I, II.** Application of the skills of citizenship to problems of contemporary politics. Designed to increase the students' political awareness and ability to function politically in contemporary society. May be retaken to a maximum of nine hours provided the topic differs each time.

**POL 301 Citizens' Assembly (CACTUS). (3) A.** Citizens' Assembly for Critical Thinking about the United States (CACTUS), an exercise in deliberative democracy. Students study, hold hearings, deliberate, discuss alternatives, and make a decision on a topic of significance in American politics. Gen. Ed. VII (SBS).

**POL 302 Science and the Liberal Arts (3) A.** Prerequisite: Gen. Ed. Block I. Contemporary scientific and technological issues will be examined through the application of political science and other social science disciplines. Gen. Ed. VII (SBS).

**POL 310 Latin American Governments. (3) A.** A study of the political institutions and issues facing the people and governments of Latin America.

**POL 312 Politics in China. (3) A.** Analysis of political development, organizational structure, and operation of Chinese political systems with particular emphasis on Chinese Communism, foreign policies, and contemporary problems in China.

**POL 313 Politics of Japan. (3) A.** Examination of Japan's political development, government institutions, public policies and foreign relations.

**POL 315 European Politics. (3) A.** Examination of the politics and public policies of the European Union and selected European countries.

**POL 316 Politics in Russia. (3) A.** Nature and development of Russia's political system since the end of the USSR and fall of communism; impact of the Soviet era; development of political parties and civil society; superpresidentialism; nationalism; federalism and ethnic politics.

**POL 319 Canadian Politics. (3) A.** Examination of Canada's political development, government institutions, public policies and foreign relations.



**POL 320 National Security Strategy. (3)**

A. Examines the theories and processes of national security strategy to understand the complexities and interrelationships of the strategic environment, within the constraints of the political environment and scarce resources.

**POL 321 American Foreign Policy. (3)**

II. Prerequisite: three hours of POL or instructor approval. Analysis of the internal processes and external factors which affect U.S. foreign policy, with emphasis on the post-World War II period. Case studies in decision-making.

**POL 325 International Security Affairs. (3)**

I. Analysis of major problems of national/international security, the role of military power and arms control in the nuclear era, with emphasis on military-security policies of great powers. Gen. Ed. VIII.

**POL 327 International Law and**

**Organization. (3) A.** Prerequisite: three hours of POL or instructor approval. Analysis of the development of the U.N.; functional and regional approaches to peace, security, economic cooperation, social welfare, and law in international relations.

**POL 331 Urban Politics. (3) A.**

Political processes of urban areas including comparisons of alternative structures of urban and other local government.

**POL 332 Kentucky Government and**

**Politics. (3) I, II.** An overview of the Kentucky political system: major institutions, processes and political leaders, with emphasis on recent events and developments. Credit will not be awarded for both POL 332 and POL 497B.

**POL 333 American State and Local**

**Government. (3) A.** Study of the institutions and processes of government of the fifty states and of cities and counties.

**POL 340 American Politics: Parties, Public**

**Opinion, and Pressure Groups. (3) A.** Informal political institutions of American government; functions, organization, financing of political parties, public opinion, and pressure groups. Their relationship to democracy.

**POL 341 The Legislative Process: Congress**

**and State Legislatures. (3) A.** A systematic examination of the decision-making process in Congress and state legislature.

**POL 342 The American Chief Executive:**

**President and Governor. (3) A.** An examination of the power and functions of the offices of the President and governor. Recent developments affecting the American President will be emphasized.

**POL 345 Minority Group Politics. (3) A.**

Cross listed as AFA 345. Examination and comparison of various theories, strategies, forms of participation, leadership styles, and concepts (e.g., Black Power) of minority group politics. Credit will not be awarded for both POL 345 and AFA 345. Gen. Ed. VIII.

**POL 347 Politics and Religion in the U.S.**

**(3) A.** Interaction of government, politics, and religion in the U.S.: role of Supreme Court and Constitution in defining church-state separation and religious freedom; religious organizations as pressure groups; religion in electoral politics and foreign policy-making; religion and public schools.

**POL 349 Applied Learning in Political**

**Science. (1-8) A.** Work in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate; sixteen, baccalaureate. A minimum of 80 hours employment required for each semester hour credit. No more than six hours may count toward this major. No more than three hours may count toward this minor.

**POL 349 A-N Cooperative Study: Political**

**Science. (1-8) A.** Work in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate; sixteen, baccalaureate. A minimum of 80 hours employment required for each semester hour credit. No more than six hours may count toward this major. No more than three hours may count toward this minor.

**POL 357 American Political Thought.**

**(3) A.** Study of the political philosophy and values that have shaped the American political system. Emphasis given to problems in democratic theory and to competing ideologies within the American political system.

**POL 360 Judicial Process. (3) A.** Study of legal and judicial systems in the United States and their role in the American political process.

**POL 370 Introduction to Public**

**Administration. (3) A.** Survey of organization, authority, decision-making, intra-organization communications, and application of principles of the American bureaucracy by case studies.

**POL 371 Administration of Social Services and Agencies. (3) A.** Examination of the political and administrative problems in public and not-for-profit agencies and a survey of management tools available to those responsible for the delivery of social services.

**POL 373 Politics of Development in**

**Appalachia. (3) A.** Cross listed as APP 373. This course examines community and economic development in the Appalachian region with special emphasis on Kentucky. Focus will be on the political, economic and social aspects affecting development. Credit will not be awarded for both POL 373 and APP 373.

**POL 374 Introduction to Public Policy.**

**(3) A.** Introduction to the role of federal, state, and local governments in the formulation, implementation, and evaluation of public policies. Examples of policy decisions which might be covered include energy, housing, environmental quality, and social services.

**POL 376 Public Personnel Policy. (3) A.**

Overview of institutions, policies, and practices for utilization of human resources in government. Analysis of contemporary issues. Civil Service systems, public unionism, affirmative action, public sector efficiency.

**POL 377 Public Budgeting. (3) A.**

The political consideration of budget formulation, budget strategy, and budget execution. An analysis of the role of taxes, spending, program evaluation, and planning in the budgeting process at the federal, state, and local levels.

**POL 405 Special Topics in Political**

**Science. (3) A.** Exploration of a particular topic; theorist, institution, process, policy, writings, or their combinations. Prerequisites set by the department. May be retaken to a maximum of six hours provided subject matter is different each time.

**POL 410 Studies in Comparative**

**Government and Politics. (3) A.** Prerequisite: three hours of POL or departmental approval. Study of selected country, region, or a cross-national study of a political institution (e.g. Executives, Political Parties, Legislatures). May be retaken to a maximum of nine hours provided the subject matter differs each time.

**POL 415 Terrorism and Political Violence.**

**(3) A.** Examines terrorism and political violence as causes and consequences of cultural, social and political change. Gen. Ed. VIII.

**POL 421 The U.S. and Latin America. (3)**

**A.** Examines U.S. foreign policy in Latin America and the Caribbean; Latin American foreign policies; key hemispheric issues such as the war on drugs, immigration, foreign aid, and trade.

**POL 440 Voting Behavior. (3) A.**

Survey of recent literature in the field of voting behavior in the U.S. Topics include public opinion, polling, participation, and campaign behavior. Attention paid to methodologies and techniques.

**POL 445 Queer Theory and Politics. (3) A.**

Prerequisite: POL 100 or 101. The study of political issues, processes, and theories surrounding sexual minority Americans.

**POL 446 The Politics of Sex. (3) A.**

Cross listed as WGS 446. The effect of sex on court and political institutions, public policies, and social rulings. Issues may include pornography, sexual and gender discrimination, domestic violence, reproductive rights and gay rights. Credit will not be awarded for both

POL 446 and WGS 446. Gen. Ed. VIII.

**POL 451 Principles and Politics of Human Rights. (3) A.** Cross listed as WGS 451. Examines politics of human rights in theory and in practice. Credit will not be awarded for both POL 451 and WGS 451.

**POL 460 Law and Society. (3) A.** Sources, nature, function, and limits of law as an instrument of social and political control and direction. Examples taken from property, torts, contracts, criminal law, and selected areas of public policy.

**POL 463 Constitutional Politics. (3) A.** An examination of constitutional problems in American government. Emphasis is given to cases in their legal and political context.

**POL 464 Law and Politics of Civil Liberties. (3) A.** An examination of historic and contemporary problems of civil liberties. Emphasis is given to cases in their legal and political context.

**POL 466A Mock Trial (2) I.** Prerequisite: departmental approval. Preparation of Mock Trial Competitions. Students will develop cases for presentation including preparing opening a closing arguments, introducing testimonial, physical and demonstrative evidence, and conducting direct and cross examination of witnesses. May be retaken to a maximum of 8 hours, only 2 of which may be counted toward the political science major and only 1 may be counted toward the political science minor.

**POL 466B Mock Trial (2) II.** Prerequisite: POL 466A and departmental approval. Preparation of Mock Trial Competitions. Students will develop cases for presentation including opening and closing arguments, introducing testimonial, physical, and demonstrative evidence, and conducting direct and cross examination of witnesses. May be retaken to a maximum of 8 hours, only 4 of which may be counted toward the political science major and only 2 may be counted toward the political science minor.

**POL 490 Independent Work in Political Science. (1-3) A.** Individual research and/or reading on a problem or area in political science. Regular reports and final research paper required. May be retaken to a maximum of six hours. Students must have the independent study proposal form approved by faculty supervisor and departmental chair prior to enrollment.

**POL 495 Practicum in Political Science. (1-3) A.** Supervised field study program. May be retaken to a maximum of six hours, provided subject matter differs each time. Student must have the independent study proposal form approved by faculty supervisor and departmental chair prior to enrollment.

**POL 495A Practicum in American Political Process. (1-3) A.**

**POL 495B Practicum in Comparative**

**Politics and International Relations. (1-3) A.**

**POL 496A Washington Internship. (6-12) A.** Prerequisite: junior or senior standing with 2.5 GPA. Supervised internship with government or private agencies in Washington, D.C. Open by application to those students who fulfill the prerequisite.

**POL 496B Washington Seminar. (3) A.** Corequisite: POL 496A. Seminar on selected topics in national government.

**POL 496C Washington Forum. (3) A.** Corequisite: POL 496A and POL 496B. Seminar on selected topics in national government.

**POL 497 Kentucky Administrative Intern Program. (18) A.** Prerequisites: junior or senior standing with a cumulative GPA of 2.6 or better (on a 4.0 scale). Enrollment is by invitation only and limited to a maximum of 18 hours.

**POL 497A Internship in State Government. (3-9) A.** Each intern's performance in his or her job is evaluated by the agency supervisor in consultation with the intern's campus coordinator or the student's advisor in the department granting credit for the internship. May be retaken to a maximum of nine hours.

**POL 497B Selected Topics in Administration of Kentucky State Government. (3-12) A.** Seminar

on various topics on the administration of Kentucky state government which support and constitute an essential part of the Kentucky Administrative Intern Program. May be retaken to a maximum of 12 hours provided the topics vary. Credit will not be awarded for both POL 497B and POL 332.

**POL 498 Kentucky Legislative Internship Program. (0) A.** Prerequisites: junior or senior standing with a cumulative GPA of 2.8 or better (on a 4.0 scale) and a definite interest in the legislative process in the Commonwealth. Enrollment is by invitation only and limited to a maximum of 15 hours by registering for POL 408A and 408B.

**POL 498A Legislative Internship. (3-9) A.** Each intern's performance in his or her legislative assignment will be evaluated by the immediate supervisor in consultation with the campus coordinator. May be retaken to a maximum of nine hours.

**POL 498B Selected Topics in Kentucky Legislative Process. (3-9) A.** Seminar on various topics on the legislative process in the Commonwealth which support and constitute an essential part of the Kentucky Legislative Internship Program. May be retaken to a maximum of nine hours.

**POL 498C Legislative Forum. (3) A.** Corequisite: POL 498A and POL 498B. Seminar on selected topics in state government.

**POL 499 Canadian Parliamentary Internship. (5) A.** Prerequisite: junior or senior standing with 2.5 GPA. Supervised internship in the office of a Member of the Canadian Parliament. Final selection for enrollment determined by program. Apply by December 1 for internship in May through June. May be repeated for a maximum of ten hours credit.

**POL 517 Politics and Social Change. (3) A.** Comparative study of politics in present and past societies to consider the relationship between politics, political change and the broader social change. Emphasis on political phenomena especially suited to comparative study.

**POL 521 Contemporary International Relations. (3) A.** Systematic analysis of major contemporary theories and approaches to the study of international politics and foreign policy.

**POL 525 Problems in International Relations. (3) A.** Explores major problems in international relations. Covers various areas of the world with reference to significant factors and problems of the people.

**POL 533 Seminar In State and Local Politics. (3) A.** A topical analysis of the institutions, policies, and administration of American state and local government. May be retaken to a total of six hours credit, provided subject matter differs each time.

**POL 541 Politics and Education. (3) A.** An examination of the way political decisions and policies are made in the field of education. Special attention is given to educational decision makers and political power at the local level.

**POL 551 Classical Political Theory. (3) A.** Cross-listed as PHI 551. Examination of Western political thought from Plato to Aquinas. Credit will not be awarded to students who have credit for PHI 551, PHI 551W, or POL 551W.

**POL 551W Classical Political Theory. (3) A.** Cross-listed as PHI 551W. Prerequisites: ENG 102 or ENG 105(B) or HON 102. Examination of Western political thought from Plato to Aquinas. Credit will not be awarded to students who have credit for PHI 551, PHI 551W, or POL 551.

**POL 552 Modern Political Theory. (3) A.** Cross-listed as PHI 552. Examination of Western political theory from the Renaissance to the mid-twentieth century. Credit will not be awarded to students who have credit for PHI 552, PHI 552W or POL 552W.

**POL 552W Modern Political Theory (3) A.** Cross-listed as PHI 552W. Prerequisites: ENG 102 or ENG 105 (B) or HON 102. Examination of Western political theory from the Renaissance to the

mid-twentieth century. Credit will not be awarded to students who have credit for PHI 552, PHI 552W, or POL 552.

**POL 553 Contemporary Political Theory. (3) A.** Cross-listed as PHI 553. Examination of Western political thought from the mid-twentieth century to the present. Credit will not be awarded to students who have credit for PHI 553, PHI 553W or POL 553W.

**POL 553W Contemporary Political Theory. (3) A.** Cross-listed as PHI 553W. Prerequisites: ENG 102 or ENG 105(B) or HON 102. Examination of Western political thought from the mid-twentieth century to the present. Credit will not be awarded to students who have credit for PHI 553, PHI 553W or POL 553.

**POL 565 Administrative Law. (3) A.** Nature of the powers vested in administrative agencies; the problems of administrative procedure; and the methods and extent of judicial control over administrative action.

**PSY—Psychology**  
**Dr. Robert Brubaker, Chair**

**PSY 200 Introduction to Psychology. (3) I, II.** A survey of the major content areas and methods of psychology, including history, biological correlates, cognition, language, intelligence, motivation, emotion, development, personality, abnormal, therapy, and social behavior. Credit will not be awarded for both PSY 200 and 200W. Gen. Ed. VB, VC, or VII (SBS). [SB].

**PSY 200W Introduction to Psychology: Writing Intensive. (3) I, II.** Prerequisites: ENG 102 or 105 (B) or HON 102. A writing intensive survey of the major content areas and methods of psychology, including history, biological correlates, cognition, language, intelligence, motivation, emotion, development, personality, abnormal, therapy, and social behavior. Credit will not be awarded for both PSY 200 and 200W. Gen. Ed. VB, VC, or VII (SBS). [SB].

**PSY 250 Information Literacy in PSY. (3) A.** Pre or Corequisite: PSY 200 or 200W. Completion of developmental reading and writing requirements. Information literacy, reading, evaluating, summarizing scientific literature in Psychology; scientific writing (APA format); basic research terminology. Credit will not be awarded for both PSY 250 and 250W.

**PSY 250W Information Literacy in PSY (3) A.** Prerequisites: PSY 200 or 200W and completion of developmental reading requirements; Pre- or Corequisite: ENG 102 or ENG 105(B) or HON 102. Information literacy, reading, evaluating, summarizing scientific literature in Psychology; scientific writing (APA format); basic research terminology. Credit will not be awarded for both PSY 250W and PSY 250.

**PSY 280 Lifespan Developmental Psych. (3) I, II.** Prerequisite: PSY 200. A survey of theory and research in developmental psychology across the entire life span. May not be applied to the Psychology major. Credit will not be awarded for both PSY 280 and 280W. Gen. Ed. VB, VC, or VII (SBS). [SB].

**PSY 280W Life Span Developmental Psychology: Writing Intensive. (3) I, II.** Prerequisites: PSY 200; ENG 102 or ENG 105 (B) or HON 102. A writing-intensive survey of theory and research in developmental psychology across the entire life span. May not be applied to the Psychology major. Credit will not be awarded for both PSY 280 and 280W. Gen. Ed. VB, VC, or VII (SBS). [SB].

**PSY 300 Social Psychology. 3 (A).** Prerequisite: PSY 200 or PSY 200W. A study of the power of situations and the social environment to affect human behavior. Topics include: attitudes, persuasion, prejudice, discrimination, group behavior, interpersonal attraction, aggression and prosocial behavior. Credit will not be awarded for both PSY 300 and PSY 300W.

**PSY 300W Social Psychology. 3 (A).** Prerequisite: PSY 200 or PSY 200W and ENG 102 or

ENG 105 (B) or HON 102. Writing intensive study of the power of situations and the social environment to affect human behavior. Topics include: attitudes, persuasion, prejudice, discrimination, group behavior, interpersonal attraction, aggression and prosocial behavior. Credit will not be awarded for both PSY 300W and PSY 300.

**PSY 305 Psychology of Personality. (3) A.** Prerequisite: PSY 200. Basic approaches to the study of personality. Theory and fact upon which these approaches are based are related to various kinds of behavior patterns.

**PSY 308 Abnormal Psychology. (3) A.** Prerequisite: PSY 200. Descriptive study of the nature, course, classification and prevalence of abnormal behavior, with attention to intellectual, personality, cognitive, sensory and motor functions.

**PSY 309 Statistical-Experimental I. (4) I, II.** Prerequisite: MAT 105 or 106 with a grade of "C" or better or any MAT course above 106, PSY 200 and 250 or departmental approval. Introduction to techniques and problems of the experimental method and statistical analysis in psychology. Representative experiments and data analysis will be discussed. Credit will not be awarded for both PSY 309 and PSY 291.

**PSY 310 Statistical-Experimental II. (3) A.** Prerequisite: a minimum grade of "C" in PSY 291 or 309. Continuation of PSY 309. Credit will not be awarded for both PSY 310 and 301.

**PSY 311 Physiological Psychology. (3) A.** Prerequisites: PSY 200 or 200W and PSY 250 or departmental approval. Facts, concepts, and principles regarding physiological events that underlie behavior. Attention to contemporary research methods and problems undergoing study.

**PSY 312 Infant and Child Development. (3) A.** Prerequisite: PSY 200 or 200W. Theoretical and empirical approaches to the development of the infant and child with attention to perceptual, behavioral, social, and cognitive development and the capacity for learning.

**PSY 313 Learning. (3) A.** Prerequisites: PSY 200 or 200W and PSY 291 or 309; or departmental approval. Experimental study of learning, transfer, and retention processes with an analysis of various kinds of learning.

**PSY 314 Adolescent and Adult Development. (3) A.** Prerequisite: PSY 200 or 200W. Survey of biological, psychological, social, cognitive, and historical influences on adolescent and adult development.

**PSY 315 Sensation and Perception. (3) A.** Prerequisites: PSY 200 or 200W and 250; or departmental approval. Experimental study of sensation and perception, the sensory and cognitive processes by which we come to know our world.

**PSY 315L Sensation and Perception with Lab. (4) A.** Prerequisites: PSY 200 or 200W and PSY 309 or departmental approval. Experimental study of sensation and perception, the sensory and cognitive processes by which we come to know our world. 3 Lec/2 Lab.

**PSY 316 Aging and Senescence. (3) A.** Prerequisite: PSY 200 or 200W. Theory and facts about aging changes in sensory processes, intellect, memory, personality, family and psychopathology.

**PSY 317 Cognitive Psychology. (3) A.** Prerequisites: PSY 200 or 200W and 291 or 309; or departmental approval. Theoretical and empirical approaches to human cognition. Topics include knowledge acquisition and organization, memory, language, problem solving, and thinking skills.

**PSY 317L Cognitive Psychology with Lab. (4) A.** Prerequisites: PSY 200 or 200W and PSY 309 or departmental approval. Theoretical and empirical approaches to human cognition. Topics include knowledge acquisition and organization, memory, language, problem solving, and thinking skills. 3 Lec/2 Lab.

**PSY 319 Industrial/Organizational Psy. (3) A.** Prerequisites: PSY 200 or 200W and 250; or departmental approval. Principles of psychology

as applied to organizations. Course will focus on the individual employee, the job, the organization, and the work environment. Credit will not be awarded for both PSY 319 and 319S.

**PSY 319S Industrial/Organizational Psy (3) A.** Prerequisites: PSY 200 or 200W and PSY 250, or departmental approval. Principles of psychology as applied to organizations. Course will focus on the individual employee, the job, the organization, and the work environment. Service learning is included in course. Credit will not be awarded for both PSY 319 and 319S.

**PSY 333 Comparative Psychology. (3) A.** Prerequisites: PSY 200 or PSY 200W and PSY 250 or departmental approval. A survey of theory and research in the psychology of animals. Topics include history of scientific studies, learning, memory, representation, intelligence, knowledge, innovation, culture, communication, development, emotion, social skill, consciousness, and theory of mind.

**PSY 349 Applied Learning in Psychology. (1-8) A.** Prerequisite: 15 hours in PSY. Work in placements related to academic studies. A minimum of 80 hours employment required for each semester hour credit. Three hours may be applied toward the major, not applicable toward a minor. Graded Satisfactory/Unsatisfactory.

**PSY 349 A-N Cooperative Study: Psychology. (1-8) A.** Prerequisite: 15 hours in PSY. Work in placements related to academic studies. A minimum of 80 hours employment required for each semester hour credit. Three hours may be applied toward the major, not applicable toward a minor. Graded Satisfactory/Unsatisfactory.

**PSY 355 Affection and Aggression. (3) A.** Prerequisite: PSY 200. Theoretical and research perspectives on the topics of attachment, bonding, liking, love and sexuality. Also an exploration of the theories and empirical findings in the domains of aggression and violence.

**PSY 358 Beyond an Undergraduate Degree. (1) A.** Prerequisite: PSY 250 or departmental approval. Designed to aid qualified psychology majors to identify and attain professional career goals.

**PSY 400 Senior Seminar: \_\_\_\_\_. (3) A.** Prerequisite: Completion of PSY 301 or PSY 310 and any three of the five area requirements. The senior seminar examines contemporary psychological issues from each of the five core perspectives. Issues vary from semester to semester. May be retaken once, provided the subject matter differs each time.

**PSY 401 Senior Thesis. (3) I, II.** Prerequisite: PSY 310(C) or instructor approval. Design, execution, and writing of a supervised independent research project. Credit will not be awarded for both PSY 401 and 401W.

**PSY 401W Senior Thesis. (3) I, II.** Prerequisites: ENG 102 or ENG 105(B) or HON 102, and PSY 310(C) or instructor approval. Design, execution, and writing of a supervised independent research project. Credit will not be awarded for both PSY 401W and PSY 401.

**PSY 402 Independent Work in Psychology. (1-3) I, II.** Prerequisite: student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment. Results must be presented in a formal paper. May be retaken to a maximum of six hours provided different problems are studied.

**PSY 403 Practicum in Psychology. (1-3) A.** Prerequisite: student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment. Supervised field experience. May be retaken to a maximum of six hours.

**PSY 404 Environmental Psychology. (3) I, II.** Prerequisites: PSY 250 and 300; or departmental approval. Study of ways in which people are influenced by their physical and social environments. Issues covered include lighting, noise, temperature, privacy, crowding, and way-finding.

**PSY 405 Psychological Interviewing and Reporting. (3) A.** Prerequisite: 12 hours in PSY.

Principles and techniques of interviewing and case reporting, with emphasis on applications in human services and personnel work.

**PSY 406 Introduction to Behavior Therapy. (3) A.** Prerequisite: 12 hours in PSY. Principles and techniques of applying behavioral principles in the analysis of complex human behavior. Emphasis is placed on methods of observing behavior and analyzing functional relationships between behavior and environment.

**PSY 408 Child Psychopathology. (3) A.** Prerequisites: PSY 308, and PSY 280 or PSY 312; or instructor approval. Descriptive study of behavior disorders in children, with attention to symptoms or behavioral patterns, etiological influences, relevant research, theoretical underpinnings, and approaches to assessment and intervention.

**PSY 410 Health Psychology. (3) I, II.** Prerequisite: PSY 200 or 200W or departmental approval. Theoretical and research perspectives on the relationship between psychological factors and health. Emphasis on utilizing psychological principles and methodology to understand and change illness and health behaviors.

**PSY 412 The Psychology of Art. (3) A.** Prerequisite: PSY 200 or 200W or departmental approval. Exploration of the ways in which selected psychological principles contribute to our understanding of art and the artist.

**PSY 413 Mind and Brain. (3) A.** Prerequisite: PSY 311 or 313 or 315 or 317 with a grade of "C" or better. A bridging discipline between cognitive science and biopsychology that examines the neural bases of mental processes and complex behavior. Major topics include functional brain imaging, neural networks, perception, memory, language, and consciousness.

**PSY 414 Political Psychology (3) A.** Prerequisites: PSY 200 or 200W and PSY 300, or departmental approval. Seminar covers research that applies psychological methods and theory to politics. Areas covered include personality and politics, and the psychological perspectives of media bias, ideology, conflict, prejudice, and terrorism.

**PSY 415 Multicultural Psychology. (3) A.** Prerequisites: PSY 200 or 200W and PSY 250, or departmental approval. Examines the value-laden nuances of mainstream psychology and its early history of promoting discrimination toward diverse groups in American society, while introducing the multicultural approach for combating the resulting "isms" (e.g. racism, genderism).

**PSY 420 The Psychology of Women. (3) A.** Prerequisite: PSY 200 or 200W. Psychological theory and research about important facets of girls' and women's lives from birth through old age.

**PSY 466 Forensic Psychology (3) A.** Prerequisites: PSY 200 or 200W, 250, 308, and 6 additional hours in psychology. Survey of the major areas of forensic psychology including mental health law, experimental psychology and the legal system, forensic assessment, theories of criminal behavior, and correctional psychology. Credit will not be awarded for both PSY 466 and PSY 411.

**PSY 490 Clinical Psychology. (3) A.** Prerequisite: PSY 200 or 200W. Survey of clinical theories, methods, and approaches.

**PSY 497 Topics in Psychology: \_\_\_\_\_. (3) A.** Prerequisites: PSY 200 or 200W, plus nine hours of PSY. Selected topics for study. Variable topics across semesters in terms of student interest and available faculty. May be retaken, provided the subject matter differs each time.

**PSY 577 The Autism Spectrum. (3) A.** Prerequisites: 12 credit hours in psychology or departmental approval. Introduction to assessment, diagnosis, and intervention in autism spectrum disorders across the life span. Development of skills in applied assessment and intervention.

**PSY 579 History and Systems of Psychology. (3) A.** Prerequisite: PSY 200 or 200W. A survey of the history of psychology and its various

schools of thought and approaches to the study of behavior and mental processes.

**PSY 590 Tests and Measurements. (3) A.** Prerequisites: PSY 200 or 200W and 291 or 309; or departmental approval. Study of measurement principles with application in psychology, business, industry, and government. Interpretation, use, and evaluation of measurement and job analysis methods. Reliability, validity, utility, ethical/legal concerns are examined.

**PSY 597 Advanced Topics in Psychology: \_\_\_\_\_. (3) A.** Prerequisite: PSY 200 or 200W or departmental approval. Selected topics for advanced study. Topics vary across semesters depending on student interest and available faculty. May be retaken, provided the subject matter differs each time.

**PUB—Public Relations  
Dr. Liz Hansen, Interim Chair**

**PUB 320 Design for Mass Media (3) I, II.** Formerly COM 320 A-H. Introductory design course for non-designers presenting concepts, principles, terminology, tools, and techniques in computer-based design and production within public relations. Emphasis on media channels/audiences. Credit will not be awarded for both PUB 320 and JOU 320.

**PUB 349 Applied Learning in Public Relations. (1-8) A.** Prerequisites: junior standing, "B" average in all courses within the department, and departmental approval. Work under faculty and field supervisors in cooperative placements related to the student's academic studies. One to eight hours credit per semester or summer. Total credit hours: eight, associate; sixteen, baccalaureate. A minimum of 80 hours work required for each academic credit. One hour may be used to satisfy major requirements within the department.

**PUB 349 A-N Cooperative Study: Public Relations. (1-8) A.** Prerequisites: junior standing, "B" average in all courses within the department, and departmental approval. Work under faculty and field supervisors in cooperative placements related to the student's academic studies. One to eight hours credit per semester or summer. Total credit hours: eight, associate; sixteen, baccalaureate. A minimum of 80 hours work required for each academic credit. One hour may be used to satisfy major requirements within the department.

**PUB 375 Public Relations Principles. (3) I, II.** Survey of principles and practices in disseminating information to internal and external audiences in business, industrial, educational, social and government agencies.

**PUB 380 Public Relations Writing. (3) I, II.** Prerequisites: COM 201 and PUB 375. Practice in public relations planning and writing for publications, media releases and other mass media materials for the public and special interest groups, including institutions, governments, and other organizations. Also includes writing in business formats.

**PUB 385 PR Event Planning & Management. (3) A.** Prerequisite: PUB 375 with a grade of "C" or higher. Hands-on experience identifying a public relations goal and supporting it with a special event. Also includes specific planning procedures, communication methods and evaluation procedures.

**PUB 412 Design for Public Relations. (3) I, II.** Prerequisite: PUB 320 or JOU 320. An introduction to the communication theory, strategies, tools and techniques of Internet marketing and effective Web development. Emphasis on interactivity theory, interactive applications and functionality, graphics, and use of HTML, CSS and Flash. Credit will not be awarded for both PUB 412 and JOU 412.

**PUB 470 Public Relations Internship. (1-3) I, II.** Prerequisites: COM 201, PUB 375, PUB 380, 2.25 GPA for major and supporting courses. Supervised practical experience in a public relations operation. May be taken to a maximum of three hours.

**PUB 475 Advanced Public Relations. (3)**

**A.** Prerequisite: PUB 380. Emphasizes a management approach and application of the four-step PR process to solving public relations problems through planning, design, and production of print, audiovisual, and broadcast materials used in public relations. Includes public relations case studies and problems.

**PUB 480 Integrated Communications**

**Strategies. (3) A.** Prerequisite: PUB 375 with a grade of "C" or higher. Prerequisite or Corequisite: PUB 475. Examination of the interactions within an organization's overall communication efforts, including public relations, industrial and graphic design, organizational communication, and other related initiatives.

**PUB 490 Public Relations Campaigns. (4)**

**A.** Prerequisites: any COM 320 A-I, JOU 320 or PUB 320, and PUB 475. Application of research, planning, strategies, and evaluations to a public relations campaign. Includes budgeting and scheduling of campaigns.

**PUB 491 Senior Seminar in Public**

**Relations. (2) I, II.** Prerequisites: completion of 90 hours with at least 1 hour from COM 349, or PUB 349 or 470. Evaluates students' progress toward a career in public relations, especially the development of a portfolio, and develops job search strategies and skills. Includes assessment of instruction and curriculum. Credit will not be awarded for both PUB 491 and COM 491.

**PUB 520 Integrated Public Relations**

**Strategies. (3) A.** Examines integrated public relations skills used to achieve organizational objectives. Emphasizes strategic planning including forecasting and communicating future business plans. Includes an in-depth look at relevant communication theories explaining common public relations problems and strategies.

**PUB 530 Sports Information Programs.**

**(3) A.** Study of the role and function of the sports information director. Includes public relations techniques applied to sports information: news releases, publications programs, office and staff organization, time utilizations, news media and formats.

**QMB—Quantitative Methods  
Dr. Oliver Feltus, Chair****QMB 200 Business Statistical I. (3) I, II.**

Prerequisite: MAT 107 (or MAT 211) with a grade of "C-" or better. Business applications of probability, measures of central tendency, dispersion, sampling, correlation and hypothesis testing. Credit will not be awarded to students who have credit for CRJ 400 or ECO 220 or EPY 842 or HEA 450 or PSY 309 or STA 215 or STA 270.

**QMB 240 Managerial Decision Models**

**(3) I, II.** Prerequisite: MAT 107 with a grade of "C-" or better. Introduction to quantitative decision methodology for business. Includes breakeven analysis for linear and nonlinear revenue and cost functions, analysis of project maximizing and cost minimizing output, inventory, peak cash, and other business analytical models. BBA degree candidates who complete MAT 211 with a "C-" or better are not required to take QMB 240.

**QMB 300 Business Statistics II. (3) I,**

**II.** Prerequisite: QMB 200. Linear regression analysis with applications in various areas of business. Emphasizes the assumptions of The linear regression model, associated statistics, and applications. Credit will not be awarded to students who have credit for ECO 854 or EPY 843 or PSY 310 or STA 271 or STA 500 or ECO 320.

**REC—Recreation and Park Administration  
Dr. Charlie Everett, Chair****REC 101 Leisure Services Careers. (1)**

**I, II.** Introduction to the broad scope of careers and employment in recreation, parks, and leisure services

organizations.

**REC 102 Introduction to Recreation**

**Leadership. (3) I, II.** Techniques of leadership in working with individuals in groups in various settings. Methods of organization, guidance, and supervision of program activities.

**REC 163 Fieldwork I. (1) A.**

On-site observation and assistance within a recreation, park or leisure services agency. Observe and assist with recreation activities, programs and special events.

**REC 190 Challenge Course Introduction.**

**(1) A.** Outdoor-based experiential focus using the EKU Challenge Course, climbing tower, and group initiatives.

**REC 200 Leisure Diversity and Culture.**

**(3) I, II.** Examination of personal, philosophical, cultural diversity, economic, behavioral, and historical dimensions of play, recreation and leisure; evolution of leisure lifestyles; impact of leisure on the quality of life; and knowledge of professional roles.

**REC 225 Education for Leisure and**

**Recreative Living. (3) A.** Comprehensive study of recreation services and leisure education; emphasis on leisure time skills, hobbies, avocations, and lifetime recreation; utilization of constructive leisure from youth to senior adults including the disabled person.

**REC 263 Fieldwork II. (2) A.**

Prerequisite: REC 163. On-site practical experience in a recreation, park, or leisure services agency. Organize and lead recreation programs.

**REC 280 Programming Special Events.**

**(3) A.** Introduction to the methods and techniques of delivering fairs, festivals and special events. Course focuses on the principles and concepts of event planning, management, marketing, and evaluation.

**REC 290 Adventure Programming. (3)**

**A.** A philosophy, history, and practical application of adventure programming using challenge course elements and activities.

**REC 311 Introduction to Therapeutic**

**Recreation. (3) I, II.** An introductory course focusing on the disabled population, hard to reach youth, and incarcerated individuals. Modification of program activities, uses of community resources, habilitation and rehabilitation processes, resources and financing.

**REC 325 Camp Supervision. (3) II.**

Supervision of camp programs, auxiliary services, and personnel.

**REC 349 Applied Learning in Recreation**

**and Park Administration. (1-8) A.** Prerequisite: department chair approval. Agency supervised fieldwork course. Minimum of 80 clock hours for each academic credit. Students must register with the Cooperative Education Office.

**REC 349 A-N Cooperative Study: Recreation**

**and Park Administration. (1-8) A.** Prerequisite: department chair approval. Agency supervised fieldwork course. Minimum of 80 clock hours for each academic credit. Students must register with the Cooperative Education Office.

**REC 350 Supervision of Recreation**

**Personnel. (3) A.** Analysis of skills and techniques utilized in effective supervision of park, recreation, and leisure service personnel.

**REC 380 Natural Resource Tourism.**

**(3) A.** Issues in understanding natural resource tourism, sustainability, tourism lifecycle, impacts associated with natural resource tourism, and effective management. Theoretical approaches, case studies and applications. Emphasis on student participation and discussion.

**REC 401 Management of Recreation**

**Services. (3) A.** Management concepts and processes, organizational structure, policies, personnel, budget, and fiscal management, marketing and public relations, legal issues, and risk management.

**REC 406 Planning, Design, and**

**Maintenance of Recreation Facilities. (3) II.** Planning principles and procedures of recreation and park areas. Facilities, design problems, details of structure and equipment, master planning methods, study of standards and trends.

**REC 409 Independent Study. (1-3) A.**

Prerequisite: for majors and minors only. Independent study of special topics through directed readings and research. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment. May be retaken to a maximum of three hours.

**REC 410 Recreation Research &**

**Evaluation. (3) II.** Assessment and evaluation of recreation needs, interests, and agency effectiveness. Research processes including marketing and budgeting as related to recreation services will be the focus of this course.

**REC 411 Therapeutic Recreation Services**

**for the Senior Adult. (3) I.** Leisure problems, needs, assessments and etiology of the aging population. Basic terminology, organizations, programming, trends, resources, and facilities. Introduction to geriatrics.

**REC 450 Senior Seminar. (3) I, II.**

Prerequisites: for majors only; enroll the semester immediately preceding REC 463. Introduction to the senior practicum and professional requirements. Study of trends in recreation practices. Development of a professional philosophy.

**REC 460 Advanced Leadership and**

**Programming. (3) I, II.** Prerequisite: REC 102. Comprehensive course in recreation program planning, development, and leadership techniques with individuals and groups. Students plan a seasonal program. 2 Lec/2 Lab.

**REC 463 Practicum. (12) A.**

Prerequisites: 2.0 GPA; REC core and REC option courses. Placement in a recreation agency to lead and develop recreation programs, supervise personnel and facilities, and perform administrative duties. A minimum of 480 clock hours typically covering 12 or more weeks.

**REC 480 Resort Recreation Management.**

**(3) A.** Prerequisite: REC 280. Investigation of the methods and techniques of resort recreation management, and its position within the tourism and hospitality industries. Examines customer service and marketing, international markets, human resources, and fiscal implications.

**REC 481 Research Methods in Tourism**

**Study. (3) A.** Prerequisites: REC 280 and REC 380. Introduction to the methods and techniques of tourism research. Student competencies include understanding, interpreting, and applying research to tourism related services.

**REC 490 Challenge Course Management.**

**(3) A.** Prerequisite: REC 290. Advanced leadership and facilitation techniques for challenge course management. Designed for individuals who have experience on challenge courses and need additional training.

**REC 511 Therapeutic Recreation Practices**

**and Services. (3) I, II.** Interventions and utilization of terminology. Apply leadership skills, assistive technology, and programming applications. 2 Lec/2 Lab.

**REC 512S Management of Therapeutic**

**Recreation Services. (3) I, II.** Prerequisite: for majors only. Management concepts applied to delivering therapeutic recreation services, and includes: documentation, activity analysis, assessment, liability, legislation, and standards of practice. Includes 15 service-learning hours.

**REC 516 Outdoor Education. (3) I.**

Designed to explore issues in outdoor education, teaching methods, programs and evaluation. The role of interpretation in enhancing visitor experiences and protecting natural resources will be discussed.

**REC 530 Park Management. (3) II.**

Park purposes and operations with an emphasis on natural resources and visitor management. Concentration on design, resource conservation and preservation, public relations, and park policies.

**REC 590 Special Topics: \_\_\_\_\_ . (1-3)**

**A.** Identification and study of specialized techniques in recreation leadership, activity skills, operational methods, and services. May be retaken under different workshop title.

**REL—Religion****Dr. Laura Newhart, Chair**

**REL 301 World Religions. (3) I, II.** Study of the basic notions found in the world's great religions. Attention is given to the historical context of the development of these religions and to the doctrines, rituals and literature produced by them. Credit will not be awarded for both REL 301 and 301W. Gen. Ed. IIIB or VII (AH). [AH].

**REL 301W World Religions: Writing Intensive. (3) I, II.** Prerequisite: ENG 102 or 105 (B) or HON 102 (B). A writing intensive study of the basic notions found in the world's great religions. Attention is given to the historical context of the development of these religions and to the doctrines, rituals and literature produced by them. Credit will not be awarded for both REL 301 and 301W. Gen. Ed. IIIB or VII (AH). [AH].

**REL 305 Survey of the Old Testament. (3) I.** A survey of the history and religious development of the ancient Hebrews, with attention given to the religious concepts and values of the literature of the Old Testament.

**REL 306 Survey of the New Testament. (3) II.** A study of the history of the New Testament times and an examination of the meanings and significance of the teachings of Jesus and the writings of the early Church.

**REL 315 History of Christian Thought. (3) A.** A survey of Christian theology, philosophical theology, and spirituality from the Apostolic Fathers through the early Reformation period.

**REL 335 Islam. (3) A.** A study of the origins and religious development of Islam by an examination of the Koran and the writings of some major Islamic thinkers.

**REL 340 Religions of India. (3) A.** Study of the major religions of India including the Vedic Period, classical systems, Epic Period, heterodox systems, orthodox systems, and contemporary thought.

**REL 345 Religions of China and Japan. (3) A.** Study of the major religions of China and Japan, including original Han, Confucianism, Cho Schools, Neo-Taoism, Shinto, and Chinese and Japanese Buddhism.

**REL 349 Applied Learning in Religion. (1-8) A.** Prerequisite: consult with department chair before enrolling. Work in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate; sixteen, baccalaureate. A minimum of 80 hours employment required for each semester hour credit.

**REL 349 A-N Cooperative Study: Religion. (1-8) A.** Prerequisite: consult with department chair before enrolling. Work in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate; sixteen, baccalaureate. A minimum of 80 hours employment required for each semester hour credit.

**REL 350 Buddhism. (3) A.** A critical introduction to the main beliefs and practices of Buddhism, from its origins in India to its most traditional manifestations in Asia and its latest developments in Europe and North America.

**REL 355 Religions of Africa. (3) A.** A study of traditional African religions and other religions in Africa.

**REL 360 Religion and Global Ethics. (3) A.** An examination of recent proposals for a global ethics (Peter Singer, Hans Kung, Dalai Lama), and on the theory and practice of interreligious dialogue as a possible means to arrive at cross-cultural ethical perspectives. Gen. Ed. VIII (Option 3).

**REL 370 Special Topics in Religion. (1-3) A.** Prerequisite: consult with department chair before enrolling. Intensive study of a selected topic or an important figure in religion. May be retaken to a maximum of fifteen hours if the topic is different.

**REL 495 Independent Work in Religion. (3) I, II.** Prerequisite: consult with department chair before enrolling. Individual study under the direction

of an instructor on a special topic in religion. Students must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment. May be retaken to a maximum of six hours if topic is different.

**RST—Real Estate****Dr. Oliver Feltus, Chair**

**RST 310 Real Estate Principles. (3) I, II.** Prerequisite: MAT 105 or higher with a C- or better. Procedures involved in ownership and transfer of real property; laws governing real estate transactions.

**RST 320 Real Estate Law. (3) I.** Business person's point view of real estate instruments, property rights and liabilities, estates, and interest and liens.

**RST 330 Real Estate Finance. (3) I.** Prerequisites: RST 310 and FIN 300; or instructor approval. Sources of funds for financing real estate transactions; financial instruments that are used and problems encountered in financing real property.

**RST 349 Applied Learning in Real Estate. (1-8) A.** Prerequisites: minimum GPA of 2.25 and 60 credit hours. Co-op Coordinator approval is required. Approved work experience directly related to academic major and/or career goals. Minimum of 80 hours work required per credit hour. May be repeated for a total of 16 credit hours.

**RST 349 A-N Cooperative Study: Real Estate. (1-8) A.** Prerequisites: minimum GPA of 2.25 and 60 credit hours. Co-op Coordinator approval is required. Approved work experience directly related to academic major and/or career goals. Minimum of 80 hours work required per credit hour. May be repeated for a total of 16 credit hours.

**RST 401 Appraisal of Real Property. (3) II.** Prerequisites: RST 310, 325, and 330; or instructor approval. Fundamentals of appraising real property; approaches to determining value; factors that contribute to the value of real estate.

**RST 490 Special Problems in Real Estate. (1-3) A.** Prerequisite: advisor/departmental approval. May be retaken under different sub-topics to a maximum of six hours. Independent work, special workshop, special topics, or seminars. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

**SCI—Science****Dr. Lori Wilson, Interim Chair**

**SCI 098 General Science. (3) I, II.** Prerequisite: MAT 090 or MAT ACT of 16 or higher. An interdisciplinary course to strengthen science reasoning skills and meet the PCC science deficiency. It incorporates the study of basic scientific principles and concepts drawn from the physical, life, and earth/space sciences. 2 Lec/ 2 Lab. This course does not count toward graduation.

**SED—Special Education****Dr. Debbie Haydon, Chair**

**SED 104 Special Education Introduction. (3) I, II, A.** Complete overview of major categories of exceptionalities and special education. Observations of special education services. Open to non-majors.

**SED 207 Topics in Special Education. (1-3) A.** Work related to current issues and topics in special education, special workshops, special seminars. May be retaken with a maximum of nine hours.

**SED 240 Communication Skills for Hearing Impaired. (3) I.** Basic principles of manual communication and fingerspelling. Builds an expressive and receptive vocabulary of a least 1,000 signs to enable communication with individuals who use total communication.

**SED 260 Language and Speech Disorders of Exceptional Children. (3) I, II.** Acquisition of normal language and speech in our multi-cultural

society. Identification and educational management of language and speech disorders in exceptional children.

**SED 337 Education of the Deaf and Hard of Hearing. (3) A.** Study of personality, intellectual, and emotional development of the deaf and hard of hearing. Emphasis on social maturity, motor functioning, multiple disabilities and the significant history of educational programs at all levels.

**SED 338 Language of the Deaf and Hard of Hearing. (3) A.** Prerequisite: SED 260 or instructor approval. Receptive and expressive conversational language development from a developmental perspective. Concepts in bilingual education applied to deaf students. Materials and methods in assessing and facilitating receptive and expressive conversational language in informal and formal settings.

**SED 341 Behavior Management. (3) I, II.** Techniques of behavioral management of exceptional students in educational settings. Applied behavior analysis data collection, intervention, and reporting. Practical procedures for teaching new behaviors. Open to non-majors.

**SED 349 Applied Learning in Special Education. (1-8) A.** Elective credit offered through work experiences for students seeking teacher certification. Minimum of 80 hours work required for one credit hour. Maximum hours to be earned: six in summer; eight during semester; sixteen in bachelor's program.

**SED 349 A-N Cooperative Study: Special Education. (1-8) A.** Elective credit offered through work experiences for students seeking teacher certification. Minimum of 80 hours work required for one credit hour. Maximum hours to be earned: six in summer; eight during semester; sixteen in bachelor's program.

**SED 351 Special Educational Assessment. (3) I, II.** Prerequisite: SED 104. Principles and application of educational assessment of learning and behavior disordered students. Educational interpretation of assessment outcomes.

**SED 352 Special Education Early Childhood Assessment (3) II.** Prerequisite: SED 104. Formal and informal procedures for screening and assessing young children (0-5) with disabilities or at-risk conditions in physical, communication, cognitive, psychosocial and self-help areas.

**SED 356 Special Education Methods and Materials. (3) I, II.** Prerequisites: introductory and assessment courses. Curriculum for exceptional individuals; instructional principles and methodology; development, implementation, and evaluation of validated educational programs and materials.

**SED 375 Practicum in Special Education. (3-6) I, II.** Prerequisite: LBD majors - admission to teacher education. Corequisite: SED 434, 435, or 436. A supervised practicum. Educational/developmental assessment, applied behavior analysis, IEP/IFSP. May be retaken to a maximum of nine hours credit for non-teaching majors.

**SED 401 Exceptional Learners in Inclusive Classrooms. (3) I, II.** Prerequisite: admission to teacher education. Principles for teaching and accommodating exceptional learners in educational settings. Instructional modifications and management across content areas. Collaboration to address exceptionalities/diversities. 10 field/clinical hours in special education and inclusive settings. Credit will not be awarded for both SED 401 and 401S.

**SED 401S Exceptional Learners in Inclusive Classrooms. (3) I, II.** Prerequisite: admission to teacher education. Principles for teaching and accommodating exceptional learners in educational settings. Instructional modifications and management across content areas. Collaboration to address exceptionalities/diversities. 10 field/clinical hours in special education and inclusive settings. Fifteen hours of Service-Learning. Credit will not be awarded for both SED 401S and SED 401.

**SED 436 Early Childhood Intervention Programming. (3) I.** Developmental, family-focused

intervention methods, materials and programs for young children (0-5) at-risk for or with disabilities. Curriculum design across physical, communication, cognitive, psychosocial and self-help areas. Planning, implementing, monitoring and evaluating IEP's/IFSP's.

**SED 499 Supervised Student Teaching in Special Education. (6-12) I, II.** Prerequisite: advisor approval. Observation, participation, and teaching or clinical work in the special educational situation in the selected area of exceptionality.

**SED 500 Best Practices and Programming in Moderate and Severe Disabilities. (3) II.** Introduction to teaching students with MSD.

Educational needs, issues, legal mandates, and family concerns. Focuses on best practices for inclusive school and community programs. Open to non-majors.

**SED 504 Assistive/Adaptive Technology. (3) I, A.** Classroom use and modification of computer technology and assistive/adaptive devices. Integration of assistive technology into assessments, IEPs, lesson plans, education activities, and daily routines. 1.5 Lab.

**SED 507 Problems in Special Education: \_\_\_\_\_.** (1-3) A. Prerequisite: advisor/departamental approval. School-related work, special workshops, special seminars. May be retaken with different descriptions.

**SED 510 Assessment, Curriculum, Methods in Content Area for the Deaf and Hard of Hearing. (3) A.** Prerequisites: ASL 101 and SED 260 or 338. Basic types and properties of standardized norm-referenced, criterion-referenced, and informal tests used to assess the content area knowledge of deaf and hard of hearing students. Sample curricula and instructional strategies used in teaching deaf and hard of hearing students.

**SED 512 Computer Technology with Exceptional Populations. (3) I.** Prerequisites: completed College of Education computer literacy requirement and introductory course in special education, or instructor approval. Educational applications of computer technology with handicapped individuals, infants through adult. Identification, evaluation, and operation of software, hardware, and adaptive devices in accordance with ethical practices. (Lec/Lab)

**SED 518 Special Education in Early Childhood. (3) I, II.** Prerequisites: SED 104 or 575 and 260; or instructor approval. Overview of history, philosophy, legislation and services for young children (0-5) at-risk for or with disabilities, including impact and intervention across developmental domains.

**SED 522 Language Disorder of Students with Disabilities. (3) A.** Overview of Language Development and related speech and language disorders including introduction to intervention methodology.

**SED 535 Teaching Students with Moderate and Severe Disabilities. (3) A.** Functional assessment and systematic instruction for students with MSD. Use of assessment data to develop IEPs and instructional programs, including activity-based and community-based instruction. Methods and materials for implementing best practices across settings.

**SED 545 Program Personnel Management. (3) I, A.** Prerequisite: SED 435 or 436. Corequisite: SED 375 or 499. Scheduling and management of systematic instruction, inclusion, transdisciplinary services, and transition activities. Working with parents, paraprofessionals, and professionals. Collaboration strategies, professional development skills, and records management.

**SED 574 Field Experiences with Exceptional Learners. (3) A.** Prerequisite: departmental approval. A practicum experience with exceptional individuals. Emphasis is directed at behavior management, educational assessment, and IEP/IFSP.

**SED 575 Nature and Needs of Exceptional Students. (3) A.** Overview of special education including characteristics, definitions, programming, and supporting research. Open to non-majors.

**SED 576 Introduction to Special Education Assessment. (3) A.** Prerequisites: SED 104 and SED 575 or 775. Principles of tests and measurements. Test administration, scoring, and interpretation applied to LBD, DHH, and MSD. Application of assessment data to interdisciplinary teams.

**SED 577 Dual Sensory Impairments and Communication. (3) A.** Prerequisite: SED 260. Assessment, planning, and instruction for students with dual sensory impairments and severe cognitive disabilities. Augmentative and alternative communication methods, materials, and devices. Milieu language strategies, symbolic and nonsymbolic communication in natural environments and daily activities.

**SED 578 Behavior Disorders. (3) A.** Open to non-majors. Behavior disorders and/or emotional disturbances as an educational, psychological, and sociological phenomenon. Definitions, characteristics, theoretical foundations, programmatic approaches.

**SED 579 Learning Disabilities. (3) A.** Prerequisite: SED 575 or instructor approval. Definition and assessment of learning disabilities. Emphasis on theories related to specific teaching methodologies.

**SED 581 Speech for the Deaf and Hard of Hearing. (3) A.** Prerequisites: SED 260 and 338; or instructor approval. Phonological development, acoustic articulation, rhythm, phrasing, accent, fluency, effects of impairment on speech, speech reading, auditory training.

**SED 590 Applied Behavior Analysis (3) A.** Behavior analysis applied to classroom and instructional management. Development of skills in data collection, intervention procedures, and evaluation of behavior change.

**SED 593 Teaching Students with Learning and Behavior Disorders. (3) A.** Prerequisites: SED 575, 576, 578, 579, or instructor approval. Individual Education Programs for LBD students, based on assessment information and in accordance with legal mandates and regulations. Curriculum designs, material, and program evaluation.

#### SOC—Sociology

**Dr. Kelli Carmean, Chair**

**SOC 131 Introductory Sociology. (3) I, II.** Basic principles and concepts of sociology, including culture, socialization, social structure, groups, social processes, and social change. Gen. Ed. VB, VC, or VII (SBS). [SB].

**SOC 232 Social Statistics. (3) I, II.** Completion of SOC 131 is advised before taking SOC 232. Statistical analysis of survey data, including forming sociological research questions, variable selection, analysis, interpretation, and writing in standard scientific form.

**SOC 235 Social Problems. (3) I, II.** Analysis of selected social problems such as crime, mental illness, divorce, population, and poverty, as well as controversies over human sexuality. The analysis includes the definition, causes, and consequences of social problems. Gen. Ed. VB, VC, or VII (SBS). [SB].

**SOC 300 Sociology of Humans and Animals (3) A.** A survey of the sociology of animal-human interaction, focusing on the human-animal bond and conflict between human and animal worlds.

**SOC 313 Social Deviance. (3) A.** Examination of the social and cultural setting of deviant behavior. Will include an examination of the process of becoming deviant as well as specific types of deviance such as suicide, drugs, sexual deviance, and mental disorders.

**SOC 320 Mind, Self, and Society. (3) A.** Completion of SOC 131 is advised before taking SOC 320. Relation of the individual to the sociocultural environment, with special reference to personality development, interpersonal role-behavior, motivation, and social attitudes.

**SOC 322 Sociology of Mass Media (3) A.** Prerequisites: COM 200 or departmental approval required. Mass media as social structure and audience in interpretation of mass media is examined through sociological analysis of media ownership, media content, and audience characteristics.

**SOC 330S Sociology of Migration. (3) I, A.** Prerequisites: SOC 131 strongly recommended. A sociological exploration of global migration including study of migrants, refugees, politics, laws, and the role of the global economy, informed through service-learning.

**SOC 340 Juvenile Delinquency. (3) A.** Completion of SOC 131 is advised before taking SOC 340. Survey of theories of juvenile delinquency, including evaluations of constitutional, psychological, and sociological approaches; also addresses prediction, policy, and treatment.

**SOC 345 Sociology of the Family. (3) A.** Completion of SOC 131 is advised before taking SOC 345. Examines family as a social institution, including its relation to cultural and social change and to the wider structure of society.

**SOC 350 Selected Topics in Sociology: \_\_\_\_\_.** (3) A. Completion of SOC 131 is advised before taking SOC 350. May be retaken to a maximum of nine hours provided the subject matter differs each time. Sample topics: Appalachian sociology; sexism and society; utopias.

**SOC 353 Sociology of Health and Illness. (3) A.** Completion of SOC 131 is advised before taking SOC 353. Social and cultural dimensions of health and illness; analysis of mainstream and alternative health professions and medical facilities.

**SOC 360 The Community. (3) A.** Completion of SOC 131 is advised before taking SOC 360. Characteristics of community relations in society; structure of and changes in community life; changing needs and resources of modern communities.

**SOC 363 Appalachian Images in Film and Song. (3) A.** Cross listed as APP 363. Completion of SOC 131 is advised before taking SOC 363. Media images of the Appalachian region and its people through film and music; the processes by which such images become produced and reproduced. Credit will not be awarded for both SOC 363 and APP 363.

**SOC 365 Social Change in Appalachia. (3) A.** Cross listed as APP 366. Completion of SOC 131 is advised before taking SOC 365. Analysis of patterns of social change and development in an important area of the Southern United States, Central and Southern Appalachia. Emphasis will be placed upon competing theoretical perspectives and the importance of historical research. Credit will not be awarded for both SOC 365 and APP 366.

**SOC 370 Religion in Appalachia. (3) A.** Cross listed as APP 370. Completion of SOC 131 is advised before taking SOC 370. An examination of diversity and change in the religious beliefs, practices, groups, and organizations found in the Southern Appalachian Region. Credit will not be awarded for both SOC 370 and APP 370.

**SOC 375 Criminology. (3) A.** Completion of SOC 131 is advised before taking SOC 375. Survey of theories of criminal behavior as applied to the social processes of law making and law breaking; prediction and control of crime.

**SOC 383 Environmental Sociology. (3) A.** The study and application of concepts from ecology, political economy and sociology to better understand the relationship between humans and their physical environment.

**SOC 395 Research Methods in Sociology. (3) II.** Prerequisite: SOC 232. Methods and techniques of sociological research, including collecting, measuring, analyzing, processing, and presenting social data.

**SOC 399 Gender and Society. (3) A.** Cross listed as WGS 399. Completion of SOC 131 is advised before taking SOC 399. Emphasis on the relationship between the social construction of gender

and the experiences of women and men in societies. Consideration of cultural diversity in defining gender roles. Credit will not be awarded for both SOC 399 and WGS 399. Gen. Ed. VIII.

**SOC 400 Racial and Ethnic Relations. (3)**

A. Completion of SOC 131 is advised before taking SOC 400. Analysis of the development of racial and ethnic relations from the perspective of sociology and related social sciences. Examination of issues related to dominant and minority group status in the United States and cross-culturally. Gen. Ed. VIII.

**SOC 415 Social Gerontology. (3) A.**

Completion of SOC 131 is advised before taking SOC 415. A comparative and historical study of the social construction of human aging from a societal and global perspective.

**SOC 420 Social Organization. (3)**

A. Analysis of various types of organizations in American society; internal and external processes and organizational structure.

**SOC 425 World Systems Analysis. (3)**

A. SOC 131 recommended. Political-economic institutions and the dynamics of class are examined from a sociology of knowledge perspective, including classic theories, world-systems analysis, and cases from the contemporary period. Credit will not be awarded for both SOC 425 and SOC 480.

**SOC 450 Social Change. (3) A.** Prerequisite: six hours of SOC. Analysis of theories of social and cultural change in terms of process and direction and methodological issues.

**SOC 455 Collective Behavior. (3) A.**

Prerequisite: six hours in SOC. Analysis of mass phenomena such as public opinion, rumors, fads, mobs, riots, panics, and social movements; including a consideration of the development and termination of collective behavior forms.

**SOC 460 Sociological Theory I—Classical Writers. (3) I.** Prerequisite: nine hours in SOC. Early developments in sociological theory; definition of the field and formation of schools of theory; the basis upon which contemporary theories are built.

**SOC 461 Sociological Theory II—**

**Contemporary Writers. (3) II.** Prerequisite: SOC 460. Current state of sociological theories; recent formulations, controversies, and trends.

**SOC 463 Social Stratification. (3) A.**

Prerequisite: three hours in SOC. Classical and contemporary approaches to understanding the causes and consequences of social stratification and inequality. Primary focus is on social class inequalities with consideration of race/ethnicity, gender, and other relations of inequality.

**SOC 465 Demography. (3) A.** Completion of SOC 131 and 232 is advised. Topics include demographic data and analysis, population characteristics, migration, mortality, fertility, population theories, world population growth, and population policies.

**SOC 470 Senior Seminar in Sociology. (3) A.**

Prerequisites: Senior standing. A capstone overview of sociology through a general survey of various subdisciplines of the field with an emphasis on student understanding of research, theory, and professionalization.

**SOC 490 Directed Study. (1-6) A.**

Prerequisite: student must have the independent study proposal form approved by faculty supervisor and departmental chair prior to enrollment. Additional independent study courses may be retaken to a maximum of six hours provided the subject matter differs each time.

**SPA—Spanish**

**Dr. Ezra Engling, Chair**

**SPA 101 Conversational Spanish I. (3) I, II.** Prerequisite: all required developmental reading and writing courses. Beginning Spanish for students with little or no previous study of Spanish. Qualified students should enroll at a higher level. Emphasis

is on the four essential skills of speaking, listening, reading, and writing in contemporary cultural contexts. Laboratory work is required. Gen. Ed. VIII.

**SPA 101P Spanish Practicum I. (1) I, II.**

Students who enroll in this course must be concurrently enrolled in SPA 101. This course provides students with an additional opportunity to study and apply the vocabulary, grammar, and usage presented in SPA 101.

**SPA 102 Conversational Spanish II.**

**(3) I, II.** Recommended: SPA 101 or equivalent proficiency. (Students with three or four successful years of high school Spanish should begin their study in SPA 102, 105, or higher. Students entering SPA 102 by referral or placement will receive three hours credit for SPA 101 if they make an “A” in 102.) Continuing development of communicative skills taught in a contemporary cultural context. Laboratory work is required. Gen. Ed. VIII.

**SPA 102P Spanish Practicum II. (1) I, II.**

Students who enroll in this course must be concurrently enrolled in SPA 102. This course provides students with an additional opportunity to study and apply the vocabulary, grammar, and usage presented in SPA 102.

**SPA 105 Spanish Honors. (3, 6) A.**

Recommended: English ACT score of 28, or referral. Not open to students who have taken SPA 101 and/or 102. An intensive approach to the four essential skills of reading, writing, speaking, and listening. Students graded “A” or “B” will receive six hours credit for SPA 105; students receiving “C” or “D” will receive three hours credit for SPA 105 and must take SPA 102 before enrolling in SPA 201.

**SPA 201 Intermediate Conversational**

**Spanish I. (3) I, II.** Recommended: SPA 102 or equivalent proficiency. Development of more advanced skills for speaking, listening, reading, and writing in contemporary cultural contexts. Laboratory work required. Students entering SPA 201 by referral or placement receive six hours credit for SPA 101 and 102 if they make an “A” or “B” in 201. Gen. Ed. VIII.

**SPA 202 Intermediate Conversational**

**Spanish II. (3) I, II.** Recommended: SPA 201 or equivalent proficiency. Development of more advanced skills for speaking, listening, reading, and writing, with increased emphasis on short readings, discussions, and compositions on cultural topics. Laboratory work required. Students entering SPA 202 by referral or placement receive nine hours credit for SPA 101, 102, and 201 if they make an “A” or “B” in 202. Gen. Ed. VIII.

**SPA 206 Conversational Fluency. (3) A.**

Recommended: SPA 202 or equivalent proficiency (not open to native speakers). Active development of skills and strategies for functional fluency in Spanish in real cultural contexts.

**SPA 295 Independent Work in Spanish.**

**(1-3) A.** Prerequisite: SPA 202 or equivalent proficiency. May be retaken to a maximum of 9 hours if content is different. Prior to enrollment, student must have the independent study proposal approved by faculty supervisor and department chair.

**SPA 301 Reading and Culture. (3) A.**

Prerequisites: SPA 202 and SPA 206 or equivalent proficiency with department chair approval. Interactive discussion and writing on readings representative of Hispanic culture. Taught in Spanish.

**SPA 310 Topics in Spanish: \_\_\_\_\_. (1-3)**

A. Prerequisite: SPA 202 or equivalent proficiency with department chair approval. May be retaken to a maximum of 6 hours if topic is different. Selected topics in Spanish language, literature, or culture.

**SPA 320 Business and Technical**

**Spanish. (3) A.** Prerequisites: SPA 206 and 360, or equivalent proficiency with department chair approval. Provides opportunities to learn and use Spanish for business. Includes vocabulary for the social sciences and technical fields such as agriculture, industrial technology, law enforcement, and health care, as deemed relevant. Taught primarily in Spanish.

**SPA 349 Applied Learning in Spanish.**

**(1-8) A.** Prerequisite: students must have successfully

completed 15 hours of Spanish major courses or equivalent proficiency. In addition, transfer students must have completed one semester of full-time course work at EKU. Credit does not apply to general Spanish major or minor requirements. For multiple work experiences, please see 349 A-N Cooperative Study in Spanish. Total hours: eight, associate; sixteen, baccalaureate. A minimum of 80 hours of employment is required for each semester hour of academic credit.

**SPA 349 A-N Cooperative Study: Spanish.**

**(1-8) A.** Prerequisite: students must have successfully completed 15 hours of Spanish major courses or equivalent proficiency. In addition, transfer students must have completed one semester of full-time course work at EKU. Credit does not apply to general Spanish major or minor requirements. Total hours: eight, associate; sixteen, baccalaureate. A minimum of 80 hours of employment is required for each semester hour of academic credit.

**SPA 360 Topics in Grammar: \_\_\_\_\_. (3)**

**I, II.** Prerequisite: SPA 202 or equivalent proficiency with department chair approval. May be retaken to a maximum of 6 hours if content is different. Emphasis on improving the understanding and application of Spanish through study of selected components of Spanish grammar in a variety of written cultural contexts.

**SPA 370 Conversation and Composition.**

**(3) A.** Prerequisites: SPA 206 and SPA 360 or equivalent proficiency with department chair approval. Intensive practice in developing skills for effective oral and written communication in Spanish. Taught in Spanish.

**SPA 380 Civilizations of Spain. (3)**

**I.** Prerequisites: SPA 301 and 360, or equivalent proficiency with department chair approval. An exploration of Spain’s intellectual, cultural, and historical development. Class conducted primarily in Spanish with Spanish texts in order to further development of reading, speaking, comprehension, and writing skills in Spanish.

**SPA 381 Civilizations of Latin America.**

**(3) II.** Prerequisites: SPA 301 and 360, or equivalent proficiency with department chair approval. An exploration of Latin America’s intellectual, cultural, and historical development. Class conducted primarily in Spanish with Spanish texts in order to further development of reading, speaking, comprehension, and writing skills in Spanish.

**SPA 401 Spanish Language Studies: \_\_\_\_\_. (3) A.**

Prerequisite: SPA 360. A selected topic such as phonetics, phonology, semantics, syntax, or history of the language. May be retaken to a maximum of nine hours if content is different.

**SPA 405 Hispanic Literature and Culture I. (3) A.**

Prerequisite: SPA 301 or equivalent proficiency with department chair approval. Readings and interactive analyses of representative authors, works, and movements of both Spain and Spanish-America in their historical and cultural contexts from the Middle Ages to 1700. Taught in Spanish.

**SPA 406 Hispanic Literature and Culture II. (3) A.**

Prerequisite: SPA 301 or equivalent proficiency with department chair approval. Readings and interactive analyses of representative authors, works, and movements of both Spain and Spanish-America in their historical and cultural contexts in the 18th and 19th centuries. Taught in Spanish.

**SPA 407 Hispanic Literature and Culture III. (3) A.**

Prerequisite: SPA 301 or equivalent proficiency with department chair approval. Readings and interactive analyses of representative authors, works, and movements of both Spain and Spanish-America, in their historical and cultural contexts, in the 20th century. Taught in Spanish.

**SPA 495 Independent Work in Spanish.**

**(1-3) A.** Prerequisite: departmental approval. May be counted toward major or minor only with permission of department chair. May be retaken to a maximum of

six hours if content is different. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

**SPA 572 Hispanic Literature. (3) A.**

Prerequisites: SPA 301 and three hours from SPA 405, 406, or 407. Study of a selected literary topic. May be retaken to a maximum of nine hours if content is different.

**STA—Statistics**

**Dr. Patrick Costello, Interim Chair**

**STA 215 Introduction to Statistical**

**Reasoning. (3) I, II.** Prerequisite: completion of all University developmental requirements. Introduction to descriptive statistics, normal distributions, linear correlation and regression, sampling, experiments, chance phenomena, one- and two- sample estimation and hypothesis testing, chi-square tests, and use of statistical software. Credit will not be awarded to students who have credit for COR 400 or CRJ 400 or ECO 220 or EPY 842 or HEA 450 or QMB 200 or STA 270. Gen. Ed. VII (QS).

**STA 270 Applied Statistics I. (3) I, II.**

Prerequisite: MAT 107 or a minimum score of 23 on the mathematics portion of the ACT or SAT math score of 550. Measures of central tendency and dispersion, discrete and continuous distributions, binomial distributions, normal distributions, frequency distributions, linear correlation and regression, probability, sampling distributions, point and interval estimates, hypothesis testing, and use of statistical software. Credit will not be awarded to students who have credit for COR 400 or CRJ 400 or ECO 220 or EPY 842 or HEA 450 or QMB 200 or STA 215. Gen. Ed. VII (QS).

**STA 320 Applied Statistics II. (3) II.**

Prerequisite: STA 215 or 270 or COR 400 or CRJ 400 or ECO 220 or EPY 842 or HEA 450 or PLS 400 or QMB 200. Review of estimation and hypothesis testing, simple and multiple regression, model building, analysis of variance, contingency tables, elementary experimental design, classical time series analysis, and use of statistical software. Credit will not be awarded to students who have credit for ECO 848 or EPY 843 or PSY 301 or QMB 300 or QMB 850 or STA 271 or STA 500.

**STA 349 Applied Learning in Statistics.**

**(1-8) I, II; (1-6) SUMMER ONLY.** Prerequisite: departmental approval. Work in placements related to academic studies. Does not apply to major or minor requirements. Total hours: eight, associate; sixteen, baccalaureate. A minimum of 80 hours of employment is required for each semester hour of academic credit.

**STA 349 A-N Cooperative Study: Statistics.**

**(1-8) I, II; (1-6) SUMMER ONLY.** Prerequisite: departmental approval. Work in placements related to academic studies. Does not apply to major or minor requirements. Total hours: eight, associate; sixteen, baccalaureate. A minimum of 80 hours of employment is required for each semester hour of academic credit.

**STA 370 Applied Probability. (3) II.**

Prerequisites: MAT 224 or 224H or 225 or 225H; and STA 215 or 270 or COR 400 or CRJ 400 or ECO 220 or EPY 842 or HEA 450 or QMB 200; or departmental approval. Intuitive and axiomatic development of probability, set theory, counting techniques, conditional probability, Bayes Theorem, discrete distributions including univariate and bivariate cases, multinomial distributions, Markov Chains, and emphasis on applications.

**STA 375 Sampling Methods. (3) A.**

Prerequisite: STA 215 or 270 or COR 400 or CRJ 400 or ECO 220 or EPY 842 or HEA 450 or QMB 200. Basic concepts of sampling theory, simple random sampling, stratified random sampling, cluster sampling, systematic sampling, ratio and regression estimation, applications to surveys, and use of statistical software. Written and/or oral presentations required.

**STA 385 Probability for Actuaries. (1) A.**

Prerequisite: STA 370 or 520. Review of elementary

probability theory, univariate and multivariate probability distributions, moment generating functions, transformations, order statistics, and applications of probability concepts in a risk management context. Preparation for Exam P.

**STA 480 Seminar in \_\_\_\_\_. (1-3) A.**

Prerequisite: departmental approval. Topic announced at the time of offering. May be retaken to a maximum of 12 hours, provided the topics are different.

**STA 495 Independent Work. (1-3) A.**

Prerequisite: departmental approval. Directed study/research on a problem or area chosen in consultation with instructor. Final paper required. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment. May be retaken to a maximum of six hours.

**STA 498 Statistics Capstone. (1) A.** Cross listed as MAT 498. Prerequisite: senior status as either a Mathematics or Statistics major. Designed to enable students to synthesize and integrate their mathematics and statistical knowledge. Students will learn how to conduct research and present the results. Credit will not be awarded for both STA 498 and MAT 498.

**STA 500 Applied Statistical Inference.**

**(3) A.** Designed for students in all areas. A general background in statistical methods including normal distribution, point and interval estimation, hypothesis testing, linear correlation and regression, analysis of variance, and use of statistical software. Credit will not be awarded to students who have credit for ECO 848 or EPY 843 or PSY 310 or QMB 300 or QMB 850 or STA 271 or STA 320.

**STA 501 Nonparametric Statistics. (3) A.**

Prerequisite: STA 215 or 270 or 500 or 700 or 575 or 775 or 521 or 721 or 585 or 785 or COR 400 or CRJ 400 or ECO 220 or EPY 842 or HEA 450 or PLS 400 or QMB 200. Simple, efficient nonparametric methods without normality assumptions. Tests, estimation of proportions, medians, two-sample location/dispersion, one and two-way layout, independence, regression, and use of statistical software.

**STA 503 Statistics with Technology for P-9 Teachers. (3) A.** Topics in statistics appropriate for teachers of grades P-9. Credit does not apply toward B.S. or B.S. (teaching) degree requirements for programs offered within this department.

**STA 507 Seminar in Statistics: \_\_\_\_\_. (1-3) A.**

Prerequisite: departmental approval. Topics vary with offering. May be retaken with advisor approval, provided that the topics are different. Credit toward degree requirements will depend on the course content.

**STA 520 Mathematical Statistics I. (3) I.**

Cross listed as MAT 520. Prerequisites: MAT 224 or 224H or 225 or 225H; and STA 215 or 270 or 370 or CRJ 400 or ECO 220 or ECO 848 or EPY 842 or HEA 450 or PSY 309 or QMB 200. Descriptive statistics, discrete and continuous probability distributions for one and two variables, functions of random variables, sampling distributions, expectations and generating functions. Credit will not be awarded for both STA 520 and MAT 520.

**STA 521 Mathematical Statistics II. (3) II.**

Prerequisites: STA 520 and MAT 214. A continuation of STA 520. Estimation theory, tests of hypothesis, linear regression and correlation, multiple linear regression, analysis of variance, allied topics.

**STA 575 Statistical Methods Using SAS.**

**(3) A.** Prerequisite: STA 215 or 270 or 500 or 700 or 501 or 701 or 521 or 721 or 585 or 785 or CRJ 400 or ECO 220 or ECO 848 or EPY 842 or HEA 450 or PSY 309 or QMB 200. Statistical methods focusing on the use of the SAS computer package and interpretation of data. Assumptions of parametric and nonparametric tests.

**STA 585 Experimental Design. (3) A.**

Prerequisite: STA 215 or 270 or 500 or 700 or 501 or 701 or 521 or 721 or 575 or 775 or COR 400 or CRJ 400 or ECO 220 or EPY 842 or HEA 450 or PLS 400

or QMB 200. Introduction to analysis of variance and experimental design with emphasis on authentic applications and use of statistical software. Includes completely randomized designs, factorial experiments, multiple comparisons, checking model assumptions, randomized blocks, Latin squares, fixed and random models, and nested-factorial experiments.

**SWK—Social Work**

**Dr. Pat Litzelfelner, Director**

**SWK 100 Principles of Food Stamps. (3) A.**

Integration of basic knowledge and skills to process food benefits cases. Enrollment is restricted to Cabinet of Health and Families employees only. Registration through UTC only.

**SWK 210 Introduction to Social Work.**

**(3) I, II.** Introduces philosophy, values, ethics, and processes of the social work profession; emphasizes the bases of Generalist practice theory; areas of practice; social justice and the role of violence in society.

**SWK 225 Human Behavior/Social**

**Environment I. (3) I, II.** Prerequisites or Corequisites: SOC 131, PSY 200, and SWK 210. Bio- psycho-social perspective of human behavior and social interactions based on systems theory. Explores traditional and alternative paradigms of developmental life cycle and family interactions. Emphasis on developmental diversity in a multicultural society.

**SWK 310 Social Welfare Policy History.**

**(3) I, II.** Prerequisites: POL 101 or departmental approval. History of social welfare policy; its role and relationship with other social institutions; structure and function of U.S. system compared to other national systems; inequitable distribution of resources; and its contribution to an oppressive environment. Credit will not be awarded for both SWK 310 and 310W. Gen. Ed. VB. [SB].

**SWK 310W Social Welfare Policy History.**

**(3) I, II.** Prerequisites: POL 101 and ENG 102 or ENG 105(B) or HON 102. History of social welfare policy; its role and relationship with other social institutions, structures and function of U.S. system compared to other national systems; inequitable distribution of resources; and its contribution to an oppressive environment. Credit will not be awarded for both SWK 310 and 310W. Gen. Ed. VB. [SB].

**SWK 335 Human Behavior/ Social**

**Environment II. (3) I, II.** Prerequisite: SWK 225. Systems theory applied to the functioning of various size collectives and their impact on behavior within a cultural context. The impact of social oppression, social and economic injustices and the creation of cultural and institutional violence.

**SWK 340 Social Work Research Methods.**

**(3) I, II.** Prerequisites: grade of "C" or better in SOC 232, SWK 210, 225, and 310. The course teaches application of both qualitative and quantitative research methods within the context of social work practice.

**SWK 350 Social Work Practice I. (3) I, II.**

Prerequisite: SWK 335. Prerequisite or Corequisite: SOC 232. Corequisite: SWK 354. Theoretical base for social work practice from a generalist perspective. Focuses on the social work process: problem identification; data collection and synthesis; assessment; planning and intervention; termination; and evaluation. Emphasis on multidimensional assessment and practice ethics.

**SWK 354 Social Work Practice Methods.**

**(3) I, II.** Corequisite: SWK 350. Focuses on interactional activities and exercises that foster the development of interviewing skills, data collection, and synthesis, assessment, and use of relationship skills.

**SWK 355 Social Work Practice II. (3) I, II.**

Prerequisites: SWK 350, 354, and SOC 232. Addresses the social work process with groups and families with a focus on assessments, intervention, implementation, and evaluation of practice strategies. Facilitation of psycho-educational groups to practice group work skills.



**SWK 358 Child Abuse and Neglect. (3) A.** Prerequisite: departmental approval. Knowledge base for identification, risk determination and psycho-social assessment of child abuse, neglect and dependency situations. Explores service delivery, role of the court, and the impact of cultural and institutional violence. Required course for PCWCP.

**SWK 360 Social Work Practice III. (3) I, II.** Prerequisite: SWK 355. Social Work process and skills applied to assessment and intervention with networks, organizations, and communities. Emphasis on community research; program development and evaluation; grantsmanship; strategies to advance social justice and address institutional and cultural violence.

**SWK 390 Field Experience in a Social Agency. (3) I, II.** Prerequisite: SWK 350 and SWK 354. Eight hours per week in an agency, special community program, or project approved by Practicum Director plus 1 1/2 hour seminar. Applications of practice theory and process. Student must apply the previous semester. Majors only.

**SWK 410 Social Welfare Policy Practice. (3) I, II.** Prerequisites: SWK 310 and 350. Dynamics of policy implementation at administrative, judicial, and legislative levels: policy analysis, formulation, modification, and evaluation; focus on policies that contribute to social injustices and policies that foster the creation, enhancement, or promotion of violence.

**SWK 440 Addictions. (3) I, II.** Prerequisites: Junior or Senior standing. Open to non-majors. This course will examine how to assess, intervene, and treat individuals, families, and groups with substance abuse and other addictions. The course will examine addictions from a strengths perspective.

**SWK 450 Child Abuse Interventions. (3) A.** Prerequisite: SWK 358. Development of assessment, intervention, and prevention skills in child abuse and neglect. Focus is on public agency involvement.

**SWK 455 Selected Topics in Social Work. (1-3) A.** Prerequisite: instructor approval. Course content will be determined by student interest, instructor specialty, and new developments in the profession. May be retaken to a maximum of six hours provided subject matter differs each time.

**SWK 456 Children's Services. (3) A.** Prerequisite: instructor approval. Critical appraisal of societal values of priorities underlying services to children. Examines range of services and skills used in social work practice with children; understanding psycho-social needs of children.

**SWK 457 Services for the Elderly. (3) A.** Prerequisite: instructor approval. Examines societal values relating to the elderly; psycho-social needs of the elderly; community-based and institutional services; and dynamics of working with the elderly and their families.

**SWK 458 AIDS and the Social Response. (2) A.** Cross listed as HEA 458. Prerequisites: SOC 131, PSY 202 and junior standing; or instructor approval. Psycho-social aspects of HIV infection. Exploration of methods of responding to and serving people with HIV. Development of population specific prevention strategies. Credit will not be awarded for both SWK 458 and HEA 458.

**SWK 490 Social Work Practicum. (12) I, II.** Prerequisites: GPA of 2.0 and completion of all other major requirements with a minimum grade of "C." Supervised practice in a social agency approved by Field Placement Coordinator. Four days a week for 12 weeks plus weekly on-campus seminar. Application must be made through Field Placement Coordinator the semester preceding placement. Social work majors only.

**SWK 495 Directed Study. (1-3) A.** Student must have the independent study proposal form approved by faculty supervisor, program director, and departmental chair prior to enrollment. May be retaken to a maximum of six hours provided the subject matter differs each time.

## TEC—Technology

**Dr. Tim Ross, Chair**

**TEC 102 Technology and Society. (3) I, II.** The role of technology in society. Characteristics of a technologically literate citizen. Perspectives, theories, issues, concerns, and facts to support the recognition of the forces and consequences of technological change. Evolution and current trends of diverse technologies.

**TEC 141 Elementary Woodworking. (3) I, II.** Basic instruction in the use of common hand tools, basic machine operations, problems in furniture construction, related technical information, and finishing materials and methods. Not open to students majoring in a program within the department. 2 Lec/2 Lab.

**TEC 161 Computer Applications in Technology. (3) I, II.** A survey of computer systems and software applications currently used in technology related fields. 2 Lec/2 Lab.

**TEC 190 Technical Graphics. (3) I, II.** Shape and size description of objects using conventional projection techniques—multiview, axonometric, oblique, and perspective. Emphasis is placed on sketching with paper and pencil and with computers. 2 Lec/2 Lab.

**TEC 194 Architectural Graphic Methods. (3) I.** Graphic presentation methods used in architecture and interior design. Hardline drawings using standard drafting conventions and equipment. Emphasis on orthographic, axonometric (paraline), and perspective drawings. 2 Lec/2 Lab.

**TEC 255 Web Publishing. (3) I.** A basic course in using current Web standards to prepare content for the World Wide Web that includes HTML, XHTML and Cascading Style Sheets. 2 Lec/2 Lab.

**TEC 303 Problem Solving and Engineering Design. (3) A.** Prerequisites: TEC 190 or departmental approval. Application of the principles of engineering design related to various media; emphasis on experimentation and problem solving in development and construction of engineering design solutions. 2 Lec/2 Lab.

**TEC 313 Digital Photography. (3) A.** A study of current technology used to digitize photographic images for use in computer application programs. This includes the acquisition of images from scanners and digital cameras. 2 Lec/2 Lab.

**TEC 315 Photography. (3) A.** Emphasis on black and white film photography including use and care of equipment, exposure calculations and techniques and finishing. A 35mm camera with adjustable lens and shutter control is required. 2 Lec/2 Lab.

**TEC 322 Crafts for Children. (3) I, II.** Introduction to various craft media and their application in recreational elementary crafts programs. Emphasis on activities appropriate for children and the use of inexpensive and readily available materials. 2 Lec/3 Lab.

**TEC 331 Casework Detailing. (3) I.** Prerequisites: DES 222 and INT 195. The planning and production requirements of architectural millwork and the drawings needed to describe its construction. The production of a complete set of working drawings for a casework piece will be required. 2 Lec/2 Lab.

**TEC 332 Product Design. (3) I, II.** Prerequisite: TEC 391. Elements of product design as it relates to materials, such as woods, metals, and plastics. Emphasis placed on experimentation and problem solving in developing design solutions, detailed drawings, and illustrations and the presentation of design ideas. 2 Lec/2 Lab.

**TEC 333 Special Problems in Technology. (1-6) I, II.** An independent study course for exceptional undergraduate students. A study proposal will be developed by the student and approved by the faculty supervisor and department chair prior to enrollment. May be retaken provided the topic of study is different.

**TEC 349 Applied Learning in Technology. (1-8) I, II.** Prerequisite: departmental approval. Work under faculty and field supervisors in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate; sixteen, baccalaureate. A minimum of 80 hours work required for each academic credit.

**TEC 349 A-N Cooperative Study: Technology. (1-8) I, II.** Prerequisite: departmental approval. Work under faculty and field supervisors in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate; sixteen, baccalaureate. A minimum of 80 hours work required for each academic credit.

**TEC 355 Web Animation. (3) II.** Prerequisite: TEC 255. Web animation with advanced Web programming. 2 Lec/2 Lab.

**TEC 368 Workshop in Technology. (1-4) A.** Presentation of technology topics of a timely or specialized nature in a workshop format. May be retaken provided the topics are different.

**TEC 391 Technical Illustration. (3) I, II.** Prerequisite: TEC 190, 194 or CON 294. Axonometric projection, oblique, perspectives, and illustration techniques to include pencil rendering and ink delineations. 2 Lec/2 Lab.

**TEC 394 Architectural Drawing I. (3) I, II.** Prerequisite: TEC 190, 194, or CON 294. Basic principles of house planning, styles of home architecture, comparative study of building materials, preparation of a complete set of plans and specifications for a small home. 2 Lec/2 Lab.

**TEC 404 Principles of Engineering and Technology. (3) A.** Prerequisite: CTE 361 or departmental approval. To familiarize students with important principles of engineering and technology, including electrical, civil, mechanical and other engineering and technology areas. 2 Lec/2 Lab.

**TEC 491 Architectural CAD. (3) A.** Prerequisites: TEC 391 and 394. Characteristics and operation of a 3D AEC (architectural, engineering, and construction) computer application system. Topics include representation of 3D objects in computer graphics, features and commands of AEC systems, and applications in architectural drawing and rendering. 2 Lec/2 Lab.

**TEC 496 Architectural Drawing II. (3) I, II.** Prerequisite: TEC 394. Consideration of both residential and commercial buildings with an emphasis on structural design, building methods and materials, mechanical systems, and site planning. Preparation of a complete set of plans for a small commercial building. 2 Lec/2 Lab.

## THE—Theatre Arts

**Dr. James Keller, Chair**

**James Moreton, Coordinator**

**THE 100 Introduction to the Theatre. (3) I, II.** Understanding and appreciating the arts of the theatre, development of dramatic forms and practices, consideration of the elements of contemporary theatrical practice. Analysis of plays. Attendance at selected play productions required. Gen. Ed. IIIA or VII (AH) [AH].

**THE 110 Stagecraft. (3) II.** Problems of stagecraft dealing with the scenic process—use of materials, construction and handling of scenery—and basic stage electricity. Lecture and lab.

**THE 130 Theatre Arts Practicum I. (1) I, II.** Study and practice of technical production through participation in departmental productions. May be retaken to a maximum of three hours.

**THE 135 Acting I. (3) I, II.** Investigation and practice of the fundamentals in the acting process. Course work will include physical and mental preparation for the actor, improvisation, and beginning scene work.

**THE 150 Improvement of Voice and Articulation. (3) A.** Basic theory and speech production; phonetic and vocal drills for improvement

of voice and articulation; adapted to students' individual speech needs.

**THE 200 Theatrical Makeup. (2) A.** Techniques in application and design of stage makeup, both straight and character.

**THE 210 Advanced Stagecraft. (3) A.** Prerequisite: THE 110. A continuation of THE 110 with emphasis on lighting, sound, and properties.

**THE 220 Costume Construction. (3) A.** Study and practical experience in garment construction and related costume crafts as used in theatre costume design. 2 Lec/2 Lab.

**THE 235 Acting II. (3) I.** Prerequisite: THE 135. Study and practice in analysis, character development and rehearsal as related to scene study; emphasis on twentieth-century acting styles.

**THE 280 Acting for Musical Theatre. (3) A.** Prerequisite: THE 135. Study of Musical Theatre as an art form, and an examination of the acting process and how it applies to the musical genre; performance work is included.

**THE 285 Theatre Dance I. (2) I, II.** A beginning course in dance for the stage. Starting with basic work in ballet, jazz and musical theatre styles to develop strength and coordination. The class encompasses center floor work and dance combinations. May be retaken to a maximum of eight hours.

**THE 300 Stage Management. (3) A.** Prerequisites: THE 110 and 235 or departmental approval. An in-depth study of the work and responsibilities of the stage manager in theatrical production.

**THE 310 Scenic Design. (3) A.** Prerequisite: THE 110 or instructor approval. Principles of composition, scale, perspective, and color applied to the stage; production of ground plans, sketches, and models.

**THE 311 Stage Lighting. (3) A.** Prerequisite: THE 110 or instructor approval. Examination of theories of lighting with application to the stage, mixed media and dance. Consideration given to color principles, lighting instruments and control equipment. Lecture and lab.

**THE 320 Costume Design. (3) A.** Design and execution of theatrical costumes with emphasis on originality, color and line. Attention given to costumes of various periods and styles.

**THE 330 Theatre Arts Practicum II. (1) I, II.** Prerequisite: THE 130 or departmental approval. Continuation of THE 130. May be retaken to a maximum of three hours.

**THE 335 Acting III. (3) A.** Prerequisites: THE 135; THE 235 or departmental approval. Advanced study and rehearsal in verse drama, concentrating on language and action analysis, and character development for performance; emphasis on Shakespearean scripts.

**THE 340 Audition Workshop. (1) A.** Prerequisite: instructor approval. Study and practice in theatrical auditioning, resume creation and actor's self-presentation; performance workshop in approach. May be retaken to a maximum of four hours.

**THE 341 Directing. (3) A.** Prerequisite: THE 235 or instructor approval. An introduction to the principles of play directing. Study of play selection and analysis, characterization, composition, blocking, and casting and rehearsal procedures.

**THE 348 Touring Showcase. (2) I.** Creation, rehearsal and performance of theatre showcase for student recruitment in the region. Audition for enrollment is required. May be retaken to a maximum of eight hours.

**THE 349 Applied Learning in Theatre Arts. (1-8) A.** Prerequisite: departmental approval. Work in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate; sixteen, baccalaureate. A minimum of 80 hours employment required for each semester hour credit.

**THE 349 A-N Cooperative Study: Theatre Arts. (1-8) A.** Prerequisite: departmental approval.

Work in placements related to academic studies. One to eight hours credit per semester or summer. Total hours: eight, associate; sixteen, baccalaureate. A minimum of 80 hours employment required for each semester hour credit.

**THE 385 Theatre Dance II. (2) I, II.** Prerequisite: THE 285. Upper division dance course. Emphasis is placed on technique and polish through more advanced combinations and a greater diversity of styles. Ensemble work, tap, jazz, and partnering will be included. May be retaken to a maximum of eight hours.

**THE 390 Theatre History I. (3) I, A.** Intensive examination of development of theatre from the Greeks to the French Renaissance.

**THE 391 Theatre History II. (3) II, A.** Development of theatre from the English Restoration to the modern period.

**THE 430 Dramatic Literature. (3) A.** Cross listed as ENG 430. Survey of the major periods and genres of world dramatic literature, from the Greeks to the present; selected readings from the major playwrights, critics, and theorists. Credit will not be awarded for both THE 430 and ENG 430.

**THE 435 Acting IV. (3) A.** Prerequisites: THE 135; THE 235 or departmental approval. Advanced study and rehearsal in period styles. Practice in character analysis and technique for performance. Exact course content may vary with instructor or needs of students.

**THE 442 Independent Study in Play Direction. (1-3) A.** Prerequisites: THE 341 and departmental approval. Direction of a studio or major production under faculty guidance. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment.

**THE 490 Special Topics in Theatre Arts. (1-3) A.** Presentation of course material of a timely, specialized or topical nature. Specific course orientation will appear beside title. May be retaken to a maximum of nine hours, if the subject matter is different.

**THE 495 Senior Seminar (1) A.** Majors with senior standing only. A capstone experience in theatre. Synthesis of students' total theatre education as well as creation of a professional resume and correspondence techniques.

**THE 498 BFA Showcase. (1) A.** Prerequisite: last thirty hours of BFA program. Creation and presentation of a public presentation showcasing the student's work in theatre, music, and dance.

**THE 499 Independent Study in Theatre Arts. (1-3) I, II.** Prerequisite: departmental approval. Independent study in theatre production and research. May be retaken to a maximum of six hours. Student must have the independent study proposal form approved by faculty supervisor and program coordinator prior to enrollment.

**TRS—Traffic Safety  
TBA, Coordinator**

**TRS 100 Trends in Loss Prevention. (1) A.** Study of the development of loss prevention countermeasures to solve safety problems. Educational efforts, law enforcement activities, regulatory programs, and engineering concepts that are presently utilized to reduce accidents and injuries are reviewed.

**TRS 103 Safety in Personal Transportation. (2) A.** Designed to survey the basic concept of safety; including the philosophy and concept of risk, countermeasures, accident proneness and safety instruction; experiences include a personal assessment of safety-related behavior emphasizing personal forms of transportation.

**TRS 233 Emergency and Defensive Driving Techniques. (3) A.** Instruction for drivers in defensive driving techniques and emergency or unusual driving situations. Classroom and practice driving instruction

in vehicle handling techniques.

**TRS 234 Beginning Motorcycle Safety. (3) A.** Designed to develop in students the necessary concepts, principles, and competencies for use of two-wheeled motorized vehicles including minibikes, mopeds, and motorcycles. Motorcycles and helmets are provided.

**TRS 235 Emergency Vehicle Roadway Operations Safety. (3) A.** Program designed to learn collision prevention and crash mitigation techniques needed when an impending driving emergency occurs in an emergency response vehicle. Included in the course work is theory to introduce and simulate avoidance maneuvers.

**TRS 285 Introduction to Driver and Traffic Safety. (3) A.** Designed to provide the concepts, principles, judgment, and performance for safe, efficient use of the highway system. Exposure is provided to a multiple-phased driver education instruction program.

**TRS 322 Traffic Law Enforcement. (3) A.** A course designed to provide the principles and practices of traffic law enforcement.

**TRS 332 Traffic Crash Causation and Investigation. (3) A.** A study of the principles of traffic accident causation and techniques used in investigation. Designed to increase the investigator's knowledge and understanding necessary for gathering factual information through investigation as opposed to reporting traffic accidents.

**TRS 342 Advanced Accident Investigation (3) A.** Prerequisite: TRS 332. Course designed to prepare participants in advanced traffic accident investigation methods and techniques.

**TRS 349 Applied Learning in Traffic Safety. (1-8) A.** Prerequisite: departmental approval. Work in placements related to academic studies. One to eight hours per semester or summer. A minimum of 80 hours work required for each academic credit.

**TRS 349 A-N Cooperative Study: Traffic Safety. (1-8) A.** Prerequisite: departmental approval. Work in placements related to academic studies. One to eight hours per semester or summer. A minimum of 80 hours work required for each academic credit.

**TRS 386 Methods and Educational Media in Driver and Traffic Safety. (3) A.** Designed to provide the competencies to organize and instruct driver education utilizing the multimedia system and the simulation system of instruction.

**TRS 407 Independent Study in Driver and Traffic Safety Education. (1-6) A.** Designed to give the student the opportunity to develop specific competencies by designing and conducting research in the broad area of traffic safety, or by independent reading assignments in the area of traffic safety education. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment. May be retaken to a maximum of six hours.

**TRS 413 Current Developments in Driver and Traffic Safety. (3) A.** Current problems, issues, trends, and developments in traffic safety are reviewed, analyzed, and evaluated.

**TRS 487 Behavioral Approaches to Driver and Traffic Safety. (3) A.** Designed to study, analyze, and develop behavioral objectives applied to driving task instruction with study and evaluation of individualized learning approaches for programs in driver education.

**TRS 491 Special Topics: \_\_\_\_\_. (1-3) A.** Prerequisite: departmental approval. Intensive study of selected topics in traffic and driver safety. May be retaken under different topics to a maximum of six hours.

**TRS 588 Laboratory Instructional Programs in Driver and Traffic Safety. (3) A.** Designed to provide the background, knowledge, and competencies to instruct the laboratory phases of the multiple-car driving range and on-street instruction. Provided are experiences related to implementation and administration of such programs.

**WGS—Women and Gender Studies**

**Dr. Sara Zeigler, Interim Dean of University Programs**

**Ms. Marta Miranda, Director**

**WGS 132 Introduction to the Family. (3)**

A. Cross listed as CDF 132. Ecological and systems approach applied to public and private family concepts; historical changes and current status; relationships among individuals, families, consumers, and communities; status of women, men, children and the elderly; public policy related to changes in the family. Credit will not be awarded to students who have credit for CDF 132.

**WGS 201 Introduction to Women and Gender Studies. (3) A.**

Introduction to interdisciplinary field of women and gender studies and feminist scholarship. Provides overview of the diversity of women's experiences, images, and issues from a wide variety of disciplinary perspectives. Gen. Ed. VIII.

**WGS 232 Identity and Sexuality. (3) I, II.**

Cross listed as CDF 232. An exploration of the changing attitudes about and among men/women and their effect on choices and interpersonal relationships. Emphasis will be on promotion and maintenance of positive mental, physical, emotional, and sexual development. Credit will not be awarded to students who have credit for HEA 375 or CDF 232. Gen. Ed. VIII.

**WGS 300 Topics in Women and Gender Studies: \_\_\_\_\_. (3) A.**

Intensive study of selected topics related to recognizing and validating the experience of women and their contributions to society. May be retaken for a maximum of six hours provided the topics are different.

**WGS 301 Maternal-Child Health Care. (3) A.**

Cross listed as MAS 300. Survey of health issues and care of women and children, including prenatal care, women's health, and care of children in ambulatory pediatric health care settings. Credit will not be awarded to students who have credit for MAS 300.

**WGS 302 Gender, Sexuality, & Homophobia: (3) A.**

Explore the diversity of lesbian, gay, bisexual and transgender (LGBT) identity, culture, and community. Analyze LGBT experiences and unmask assumptions based upon heterosexist, heteronormative perspectives and sexist realities. Credit will not be awarded to students who have credit for WGS 300 Special Topics: Gender, Sexuality & Homophobia.

**WGS 303 Women in American History. (3) A.**

Cross listed as HIS 303. Prerequisite: three hours HIS or departmental approval. Social, economic, and cultural role of women in America. Women's work; social position and status; women in reform movements; feminism and the suffrage movements; the new feminism. Credit will not be awarded to students who have credit for HIS 303.

**WGS 304 Gender Perspectives on Contemporary Terrorism (3) A.** An interdisciplinary look at contemporary terrorism and U.S. policy.

Analyzing the perception of women in the U.S. and elsewhere around the world, with particular focus on American, Iraqi, Afghan, Palestinian, and Muslim women. Credit will not be awarded to students who have credit for WGS 300 Special Topics: Gender Perspectives on Contemporary Terrorism.

**WGS 305 Domestic Violence. (3) A.**

Cross listed as CRJ 305. Prerequisite: CRJ 101 or departmental approval. Examination of the theoretical and empirical literature on violence against women, children, and elders. Addresses such issues as physical and sexual abuse of children, courtship violence, domestic violence, marital rape, and elder abuse. Credit will not be awarded to students who have credit for CRJ 305.

**WGS 310 Historical Costume and the Social Order. (3) A.** Cross listed as ADM 310. History of dress from ancient Egypt through the 20th century. Factors which influence the style of dress are studied

and relationship between costume of the past and current modes. Credit will not be awarded to students who have credit for ADM 310.

**WGS 331 Marriage and Intimate Relationships. (3) A.**

Cross listed as CDF 331. The process within and types of intimate relationships in contemporary times. Topics include singlehood, partner selection, marriage, divorce, remarriage, long-term enduring marriage, and factors which affect the success of intimate relationships. Credit will not be awarded to students who have credit for CDF 331.

**WGS 345 Diversity and Criminal Justice. (3) A.**

Cross listed as CRJ 345. Prerequisite: departmental approval. Contemporary race, gender, and other diversity issues and their relevance to criminal offenders, crime victims, and the criminal justice system. Includes such issues as the civil rights and women's movements, and equal opportunity. Credit will not be awarded to students who have credit for CRJ 345.

**WGS 349 Applied Learning in Women and Gender Studies. (1-8) A.**

Prerequisite: approval of Director of Women and Gender Studies. Work in job placements related to Women's Studies. One to eight hours credit. Minimum of 80 hours employment required for semester hour credit.

**WGS 349 A-N Cooperative Study: Women and Gender Studies. (1-8) A.**

Prerequisite: approval of Director of Women and Gender Studies. Work in job placements related to Women and Gender Studies. One to eight hours credit. Minimum of 80 hours employment required for semester hour credit.

**WGS 364 Women's Literature. (3) A.**

Cross listed as ENG 364. Prerequisite: ENG 102 or 105 (B) or HON 102. Study of selected literature by women writers from varying cultures, genres, and periods. Credit will not be awarded to students who have credit for ENG 364.

**WGS 378 Black Women in History. (3) A.**

Cross listed as AFA 378. Examines the lives of African-American women from slavery to the present with emphasis on the impact of race, gender, and class issues on their multi-faceted lives as women in America. Credit will not be awarded to students who have credit for AFA 378.

**WGS 399 Gender and Society. (3) A.**

Cross listed as SOC 399. Completion of SOC 131 is advised before taking WGS 399. Emphasis on the relationship between the social construction of gender and the experiences of women and men in societies. Consideration of cultural diversity in defining gender roles. Credit will not be awarded to students who have credit for SOC 399. Gen. Ed. VIII.

**WGS 400 Feminist Theory and Practice. (3) A.**

Prerequisite: WGS 201 or instructor approval. Examines development of feminist theory and its implications for continuing feminist scholarship. Includes related research project in student's major.

**WGS 420 The Psychology of Women. (3) A.**

Cross listed as PSY 420. Prerequisite: PSY 200. Psychological theory and research about important facets of girls' and women's lives from birth through old age. Credit will not be awarded to students who have credit for PSY 420.

**WGS 446 The Politics of Sex. (3) A.**

Cross listed as POL 446. The effect of sex on social and political institutions, public policies, and court rulings. Issues may include pornography, sexual and gender discrimination, domestic violence, reproductive rights and gay rights. Credit will not be awarded to students who have credit for POL 446. Gen. Ed. VIII.

**WGS 451 Principles and Politics of Human Rights. (3) A.**

Cross listed as POL 451. Examines politics of human rights in theory and in practice. Credit will not be awarded to students who have credit for POL 451.

**WGS 495 Independent Study: Women and Gender Studies. (1-5) A.**

Prerequisite: approval of Director of Women and Gender Studies. Study of a special topic in Women and Gender Studies. Proposal must be approved by faculty supervisor and Women

and Gender Studies Director prior to enrolling. May be retaken to a maximum of ten hours.

**WGS 591 Women's Health. (3) A.** Cross listed as HEA 591/791. Analysis of the major health problems of contemporary women with a special emphasis on health promotion, disease prevention, and consumer health concerns. Credit will not be awarded to students who have credit for HEA 591/791.

**WGS 592 Human Sexuality. (3) A.**

Cross listed as HEA 592/792. Study of the biological, social, and psychological aspects of human sexuality. Directed primarily toward those individuals in situations which require them to assist others in understanding the broad impact of one's sexuality. Emphasis is placed upon student development of logical and reasoned justifications for their own value system. Credit will not be awarded to students who have credit for HEA 592/792.

**WGS 593 Death and Grief. (3) A.**

Cross listed as HEA 593/793. A study of attitudes, behaviors, and issues concerning death and grief. Topics include responses to death and grief throughout the life cycle; process of grief and bereavement; theology and death; legal aspects of dying; care of the dying; suicide; post-mortem care; death education. Credit will not be awarded to students who have credit for HEA 593/793.

# FACULTY LISTING

- ABSHER, ANGELA** (2007), Visiting Assistant Professor, Family & Consumer Sciences. BS, MA, Eastern Kentucky.
- ADAMOVICH, STEPHANIE** (2008), Assistant Professor/Audiologist, Special Education. PhD, Gallaudet University.
- ADAMS, ANTHONY W.** (1999), Coordinator, Aviation. Associate Professor, Applied Engineering and Technology. BS, Regents College; MAS, Embry-Riddle; additional graduate courses, Eastern Kentucky.
- ADAMSON, JAMES A.** (2001), Assistant Professor, Applied Engineering and Technology. BS, U. S. Merchant Marine Academy; MS, University of Southern California.
- ADAMS-BLAIR, HEATHER R.** (2000), Associate Professor. Exercise & Sport Science. BA, Transylvania; MAEd, Eastern Kentucky; EdD, Kentucky.
- ADAMS-JOHNSON, MELANIE** (2010), Clinical Faculty, Baccalaureate & Graduate Nursing, BSN, MSN, Eastern Kentucky University.
- AFAH-MOHALLATEE, DAVID** (1998), Professor, Art & Design. BA, Kutztown State; MFA, Temple.
- ALLISON, JOSEPH** (1999), Professor, Music. BS, East Tennessee; MS, DMA, South Carolina.
- ANDERSEN, CATHY M.** (1986), Associate Professor, Health Services Administration. RHIA; BA, Bemidji State; MPH, Texas.
- ANDERSEN, MARK** (2002), Visiting Instructor, Marketing. BA, Point Loma College; MBA, California State.
- ANDERSON-MCCORD, RITA** (2006), Clinical Faculty, ASDN; MSN Bellarmine; BSN, Eastern Kentucky.
- ANYANWU, OGECHI** (2006), Assistant Professor, History. BA, Abia State University; MSC, Imo State University; PhD, Bowling Green State University.
- APPLETON, THOMAS H.** (2000), Professor, History. BA, Memphis; MA, PhD, Kentucky.
- ARIAS, SCOTT** (2008), Instructor, Applied Engineering and Technology. AS Construction Management, Charles Stewart Mott Community College; AS, Management & BS, Business Administration, Thomas A. Edison State College.
- AULT, ALLEN L.** (2003), Dean, Justice & Safety, Professor. BA, Oglethorpe; MAEd, EdD, Georgia.
- AUSTAD, JONATHAN A.** (2009), Assistant Professor, Humanities. MA, PhD, Florida State.
- AUSTIN, JERRY L.** (1994), Associate Professor, Educational Administration. BA, Berea; MAEd, EdD, Virginia; JD, North Carolina Central.
- AUSTIN, MICHAEL W.** (2004), Associate Professor, Philosophy & Religion. BA, Kansas State; MA, Biola; PhD, University of Colorado at Boulder.
- AWANG, FARIDAH** (2002), Associate Professor, Corporate Communication & Technology. BSC, MSc, Ed, PhD, Southern Illinois University.
- BAKER-SCALF, YOLANDA** (2009), Assistant Professor, ASDN; MSN, BSN Eastern Kentucky; BS Alice Lloyd College.
- BAILEY, ANDREA** (2006), Lecturer, Mathematics & Statistics. BS, MS, Eastern Kentucky.
- BALLARD, MICHAEL** (2002), Chair, Associate Professor, Health Promotion & Administration. BS, MAEd, Eastern Kentucky; EdD, Tennessee.
- BALLARD, SUE** (2008), Assistant Professor, Music. AA, Mississippi; BA, Southern Mississippi; MM, Mississippi College.
- BALTODANO, HEATHER** (2006), Assistant Professor, Special Education. PhD, Arizona State.
- BALTISBERGER, JULIE** (2005), Fieldwork Coordinator Assistant, Occupational Therapy, OTR/L. BA, University of California at Berkeley; MS, Eastern Kentucky.
- BANKS, ALAN J.** (1981), Professor, Sociology. BS, Indiana State; MA, PhD, McMaster.
- BANKS, GRETCHEN S.** (2005), Instructor, Special Education, Model Laboratory. BA, Berea; MAEd, Eastern Kentucky.
- BARKER, THOMAS** (2000), Professor, Criminal Justice. AB, Stanford; MS, PhD, Mississippi State.
- BARNETT, DARRYL** (2001), Associate Professor, Environmental Health Science. BS, East Tennessee State University; MPH, Dr.PH, Oklahoma University Health Sciences Center.
- BARRACCA, STEVEN** (2005), Assistant Professor, Political Science. BS, SUNY-Oswego; MA, University of Miami; PhD, University of Texas-Austin.
- BAUM, KAREN H.** (1988), Assistant Professor, Physical Education; Model Laboratory. BS, MA, Eastern Kentucky.
- BAXTER, MARGARET** (1996), Assistant Professor, Early Childhood; Model Laboratory. BS, MAEd, Eastern Kentucky.
- BEAL, DONALD G.** (1987), Professor, Psychology. BA, Arizona; PhD, Texas Tech.
- BEATY, LEANN** (2008), Assistant Professor, Political Science. BA, Alaska Pacific; MPA, Missouri State; ABD, Northern Illinois.
- BECK, JOE E.** (1995), Associate Professor, Environmental Health Science. BS, Murray State; MPA, Illinois.
- BEDETTI, GABRIELLA** (1981), Associate Professor, English & Theatre. BA, Bates; MA, PhD, Iowa.
- BEEHNER, REGGIE** (2005), Lecturer, Communication. BA, Villanova; MS, Northwestern University.
- BELKNAP, LARRY K.** (1989), Professor, Recreation & Park Administration. BA, Morris Harvey; MS, Marshall; ReD, Indiana.
- BENNETT, HELEN** (1981), Professor, English & Theatre. BA, Queens; PhD, Brown.
- BENTLEY, BROOKE** (2001), Associate Professor, Nursing. BSN, MSN, Eastern Kentucky; PhD, University of Kentucky.
- BHANDARI, MICHELYN** (2004), Assistant Professor, Health Promotion & Administration. BS, MPH, Western Kentucky; DrPH, Kentucky.
- BIGGIN, ROBERT** (2001), Associate Professor, Educational Leadership. BS, Edinboro; MS, Kansas State Pittsburg; PhD, Pittsburg.
- BIRCHFIELD, PATRICIA** (1997), Professor, Nursing, BSN, MSN, Kentucky, DSN, Alabama (Birmingham).
- BLACK, PAMELA** (2000), Associate Professor, Social Work. BSW, Eastern Kentucky; MSPW, Kentucky.
- BLACK, STEPHEN A.** (1978), Associate Professor, Agriculture. BS, MS, Louisiana State; PhD, Tennessee.
- BLAKENEY, ANNE** (1984), Professor, Occupational Therapy. OTR/L; BS, Tennessee; MSOT, Boston; PhD, Kentucky.
- BLAKENEY, MICHAEL** (1989), Associate Professor, Emergency Medical Care. RN; EMT; BS, Louisiana State; BSN, Eastern Kentucky; MSN, Kentucky.
- BLAYLOCK, DAVID W.** (1993), Associate Professor, History. BA, North Carolina (Greensboro); MA, Washington (St Louis); PhD, Ohio State.
- BLYTHE, ROBERT R.** (1993), Lecturer, Developmental Mathematics. BS, Eastern Kentucky; MDiv, Southern Baptist Theological Seminary; additional graduate work, Eastern Kentucky.
- BOORD-DILL, THOMAS JEFFREY** (1985), Assistant Professor, English & Theatre. BA, Ohio State; MFA, Alabama.
- BOROWSKI, WALTER S.** (2001), Associate Professor, Geography & Geology. BA Case Western Reserve; MS, Tennessee; PhD, North Carolina.
- BOSLEY, LISA** (2004), Assistant Professor, English & Theatre. BA, Centre; MA, Chicago.
- BOTTS, THERESA M.** (1989), Assistant Professor, Psychology. BS, MS, Eastern Kentucky; PhD, Kentucky.
- BOWEN, DOROTHY** (2000), Associate Professor, Curriculum & Instruction. BA, Asbury; MLS, Kentucky; PhD, Florida.
- BOWES, JOHN** (2006), Assistant Professor, History. BA, Yale; MA, PhD, University of California.
- BRANSTETTER, MIKE** (2010), Lecturer, Communication. BA, MA, Western Kentucky; EdD, Vanderbilt.
- BRASHEAR, VICKI** (2000), Assistant Professor, Interpreter Training. BS, Eastern Kentucky; MS, Indiana University.
- BREWER, PEGGY D.** (1980), Professor, Management. BS, Morehead; MA, Murray; DBA, Louisiana Tech.
- BRITT, JUDY** (2006), Associate Professor, Curriculum & Instruction. MA, EdS, PhD, Alabama.
- BROCK, MARTIN L.** (1990), Associate Professor, Chemistry. BA, California (San Diego); PhD, Illinois; Post doctoral research, Imperial (London), Southern CA.
- BROWN, DAVID** (2008), Assistant Professor, Biology. BS, Colorado; MS, Southeastern Louisiana; PhD, Tulane.
- BROWN, DEBRA B.** (1988), Assistant Professor, Elementary Principal, Model Laboratory. BS, MA, Eastern Kentucky.
- BROWN, GARY** (2001), Associate Professor, Environmental Health Science. BA, New York (Buffalo); MS, Hunter College; Dr.PH, Alabama (Birmingham).
- BROWN, JULIE** (1991), Assistant Professor, Associate Degree Nursing. RN; BSN, Eastern Kentucky; MSN, Bellarmine College; additional graduate work, Kentucky.
- BROWN, KAREN** (2006), Assistant Professor, Special Education. PhD, Vanderbilt.
- BROWN, STEPHEN M.** (1988), Professor, Management. BS, Illinois; MS,

Southern Illinois; PhD, Georgia.

**BROWN-DAVIS, MARY** (1987), Assistant Professor, Nursing. RN; ASN, Lexington Technical Institute; BSN, MSN, Kentucky.

**BROWNING, COURTNEY** (2007), Senior Clinical Faculty, Baccalaureate and Graduate Nursing. BNS, MSN, Eastern Kentucky.

**BRUBAKER, ROBERT G.** (1984), Chair, Professor and Foundation Professor, Psychology. BA, Oklahoma City; MA, Indiana State; PhD, South Florida.

**BRYANT, JESSICA** (1997), Professor, English & Theatre. BA, Kentucky State; MA, Ed.D. Kentucky.

**BRYDEN, PHYLLIS** (2007), Assistant Professor, Health Promotion & Administration. BS, MSPH, DrPH, Kentucky.

**BRUMFIELD, APRIL** (2006), Assistant Professor, Music. BA, Eastern Kentucky; MA, University of Cincinnati.

**BUCKNAM, JULIE A.** (1995), Professor, Art Education. BA, MAEd Eastern Kentucky; PhD, Kentucky.

**BUNDY, MYRA BETH** (1996), Professor, Psychology. BS, Transylvania; PhD, South Carolina.

**BURGESS, RAYMOND** (2008), Visiting Assistant Professor, Accounting. BS, Brigham Young; MBA, Utah State.

**BUSH, DANA** (2001), Director, Burrier Child Development Center, Assistant Professor, Family & Consumer Sciences. BS, Eastern Kentucky; MS, Kentucky.

**BUSKIRK, ROBERT D.** (1992), Assistant Professor, Mathematical Sciences. BA, West Virginia; MA, PhD, Kentucky.

**BUTLER, THOMAS** (2006), Assistant Professor, English & Theatre. BA, Loyola; MA, PhD, Notre Dame.

**BYRD, RICHARD** (2007), Associate Professor, Music. BM, Depew University; MM, PhD, Kentucky.

**BYRD, SUZANNE** (1991), Associate Professor, Biology. BS, Austin Peay; BS, PhD, South Alabama.

**CAHILL, TIMOTHY** (1979), Model Swim Coach/Teacher, Health Education. BS, Cincinnati; MEd, Xavier; additional graduate work, Eastern Kentucky.

**CAIN, KAREN S.** (1985), Director, Transition & University Services. AB, Berea College; MA, Eastern Kentucky; additional graduate work, Kentucky, Grambling.

**CALIE, PATRICK J.** (1992), Professor, Biology. BS, Rutgers; MS, PhD, Tennessee.

**CALLAHAN, CONNIE** (1997), Chair, Professor, Counseling & Educational Psychology. BA, Missouri Southern State; MS, EDS, Pittsburg State; PhD, New Mexico.

**CAMPBELL, GLENN** (2006), Lecturer, Geography & Geology. BA, Kentucky; MA, Marshall.

**CAMPBELL, PHILIP** (1985), Associate Professor, Clinical Laboratory Science. MT(ASCP); BS, West Virginia; MS, Kentucky.

**CARMEAN, KELLI C.** (1993), Professor, Anthropology. BA, Victoria (Canada); PhD, Pittsburgh.

**CARNES, LANA** (1999), Chair, Management, Marketing and Administrative Communications. Professor, Corporate Communication & Technology. BS, MS, Eastern Kentucky; EdD, Kentucky.

**CARPENTER, RUSTY** (2009), Director, Studio for Academic Creativity.

**CARTER, DOROTHY A.** (1964), Associate Professor, French. BA, MA, PhD, Kentucky.

**CASTELLANA, VINCENT E.** (2006), Assistant Professor, Mathematics. BS, SUNY at Fredonia; MA, Western Michigan; PhD, Auburn.

**CECIL, CAROL** (2003), Instructor, Family & Consumer Sciences. BA, University of Kentucky; MEd, Ashland University.

**CHANDRA, VIGYAN** (2002), Coordinator, Network Security and Electronics, Associate Professor, Applied Engineering and Technology. BS, Birla Institute of Technology (India); MS, PhD, Kentucky.

**CHANG, KUANG-NAN** (2003), Associate Professor, Computer Science. BS, Feng-Chia University (Taiwan); MS, PhD, University of Texas at Arlington.

**CHAPMAN, ANN D.** (1989), Professor, Counseling & Educational Psychology. BA, Agnes Scott; MA, Indiana; EdS, PhD, Kentucky.

**CHEN, RICHARD** (1989), Professor, Accounting. BBA, National Taiwan; MPA, PhD, Texas; CPA, Texas.

**CHRISTENSEN, BURKE A.** (2006), Lecturer, Management. BS, Utah State University; JD, University of Utah, CLU.

**CHRISTENSEN, WILLIAM R.** (2004), Associate Professor, Curriculum & Instruction. BA, MS, California State University; PhD, University of Oklahoma.

**CIOCCA, MARCO** (1999), Associate Professor, Physics. Laurea, Naples; PhD, Washington.

**CLARK, KATHY** (1990), Assistant Professor, Occupational Therapy. OTR; BS, Eastern Michigan; MA, Western Michigan.

**CLEMENT, CATHERINE R.** (1989), Professor, Psychology. AB, California (Berkeley); MA, PhD, Clark.

**COEN, PATRICK** (2006), Lecturer, Mathematics & Statistics. BA, MS, West Virginia University.

**COGDILL, CHAD** (2007), Assistant Professor, Communication. BS, Missouri Western State University; MFA, Savannah College of Art & Design.

**COLBERT, JANET L.** (2006), Professor, Accounting. BS, University of Illinois; MBA, Auburn; PhD, University of Georgia.

**COLEMAN, DAVID W.** (1998), Professor, History. BA, Emory; MA, PhD, Illinois at Urbana-Champaign.

**COLLIER, MICHAEL** (2008), Assistant Professor, Homeland Security. BS, U.S. Coast Guard Academy; MS, Defense Intelligence College; PhD, Florida International University.

**COLLINS, LARRY R.** (1990), Chair, Professor, Safety, Security, & Emergency Management. AS, Allegheny; BS, MEd, California (University of PA); EdD, West Virginia.

**COLLINS, PAMELA A.** (1986), Professor, Safety, Security, & Emergency Management. BS, MS, Eastern Kentucky; EdD, Kentucky.

**COMBS, DOROTHY Z.** (1997), Chair, Professor, Curriculum & Instruction, Language Arts Education. BA, MEd, South Carolina; PhD, Kentucky.

**CONLEY, LISA** (2007), Assistant Professor, Criminal Justice & Police Studies.

**COOK, JERRY D.** (1983), Professor and Foundation Professor, Physics. BA, Berea College; MS, PhD, Kentucky.

**COOK, LYLE** (2003), Professor, Mathematics. PhD, Oklahoma State.

**COOPER, CARRIE** (1998), Dean, Associate Librarian, Libraries; BS, Florida State; MLIS, Southern Mississippi.

**COOPER, JUSTIN** (2001), Associate Professor, Special Education. BS, Weber State; MAEd, University of Southern Mississippi; EdD, Kentucky.

**CORE, DEBORAH L.** (1982), Professor, English & Theatre. BA, Bethany; MA, Marshall; PhD, Kent State.

**CORLEY, DONNA** (2009), Associate Professor, Baccalaureate & Graduate Nursing. BSN, Medical University of NC; MSN, University of Kentucky; MEd, Boston University; PhD, University of Kentucky.

**CORN, LISA** (1993), Assistant Professor, Primary Education, Model Laboratory. BS, MA, Eastern Kentucky.

**CORNETT, SHIRLEY** (2005), Assistant Professor, Counseling & Educational Psychology. BS, Houston; MA, Springfield; PhD, New Mexico.

**CORNETTE, PAMELA** (2007), Instructor, Model. BA, Morehead; MA, Eastern Kentucky.

**CORTÉS-CASTANEDA, MANUEL** (1992), Assistant Professor, Spanish. BA, La Universidad Nacional Pedagógica (Colombia); MA equivalent Universidad Complutense (Madrid).

**COSTELLO, PATRICIA S.** (1982), Professor, Statistics. BA, Thomas More; MS, PhD, Ohio State.

**COSTELLO, PATRICK J.** (1982), Professor, Mathematical Sciences. BS, Harvey Mudd; MS, PhD, Ohio State.

**COUVILLON, THOMAS** (2006), Assistant Professor, Music. BM, Loyola; MM, PhD, Louisiana State.

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**FAIR, GINNI** (2001), Assistant Professor, English, Model Laboratory; Director, TCAC; BA, MA, Eastern Kentucky.

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**FELTUS, OLIVER** (1991), Associate Professor, Accounting. BBA, MS, Memphis State; PhD, Alabama; CPA, Tennessee.

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**FLAHERTY, PEGGY** (1976), Associate Professor, Libraries. AB, Kentucky; MLS, George Peabody; MA, Eastern Kentucky.

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**FOOTE, MARGARET** (2001), Associate Librarian, Libraries. BA, Mars Hill College; MA, MSLS, PhD, Kentucky.

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- FREER, VERNA** (1970), Associate Professor, Libraries. BA, MS, Eastern Kentucky; MLIS, Kentucky.
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- FRISBIE, MALCOLM P.** (1987), Professor, Biological Sciences. BA, Williams; PhD, Pennsylvania State.
- FROST, LINDA** (2008), Director, Honors Program; Associate Professor, English. BA, Bowling Green State University; Ph.D., State University of New York at Stony Brook.
- FUCHS, ERIC** (2005), Assistant Professor, Exercise & Sport Science. BS, Ohio University; MA, San Jose State University; DA, Middle Tennessee State University.
- FULLER, JASON** (2006), Assistant Professor, Chemistry. BS, Mississippi College; PhD, University of Florida.
- GAFFNEY, REBECCA** (2003), Assistant Professor, Associate Degree Nursing. BSN, Kentucky; MSN, Kentucky.
- GAGEL, CHARLES** (2010), Coordinator, Career and Technical Education, Associate Professor, Applied Engineering & Technology BS, Eastern Kentucky; MS, Louisville; PhD, Minnesota.
- GALE, DAVID D.** (1973), Dean, Professor, Health Sciences. MLD; BA, Cascade; MA, Medical School, South Dakota; PhD, Iowa; additional graduate work, Duke; post-doctoral research, Indiana School of Medicine.
- GARDNER, BETINA** (2000), Associate Librarian, Libraries. BA, Berea College; MLIS, Kentucky.
- GARLAND, SHANNON** (2003), Lecturer, English. MA, Eastern Kentucky.
- GARRISON, CAROLE** (2000), Professor, Criminal Justice. BS, Miami; MPA, Georgia State; PhD, Ohio State.
- GEORGE, JULIE** (2000), Associate Librarian, Libraries. BA, Berea College; MLIS, University of South Carolina.
- GERKEN, MICHELLE D.** (1996), Assistant Professor, Recreation & Park Administration. BS, MS, Kentucky; PhD, Louisville.
- GERSHTENSON, JOE** (2003), Associate Professor, Political Science. BSFS, Georgetown University; MPA, University of California-San Diego; PhD, University of Texas.
- GIACCHINI, LAURA** (1989), Assistant Professor, Primary Teacher; Model Laboratory. BA, Eastern Kentucky; MA, Northern Kentucky.
- GIBSON, DONALD JASON** (2006), Assistant Professor, Mathematics. BS, University of Michigan; PhD, University of Illinois.
- GILBERT, JAESOOK LEE** (2000), Associate Professor, Family & Consumer Sciences. AB, MA, Washington; PhD, Illinois-Champaign.
- GILBERT, KAREN** (2005), Assistant Librarian, Libraries. BA, Wellesley College; MLIS, Texas Woman's University.
- GIVENS, DEBORAH** (2006) Instructor, Communications. BS, Ball State; MPA, Western Kentucky; additional graduate work, Kentucky.
- GLEASON, JIM** (2005), Assistant Professor, Communication. BA, MS, State University of NY at New Paltz; PhD, Kentucky.
- GODBAY, SUSAN E.** (1989), Associate Professor, Chemistry. BS, Longwood; PhD, South Carolina; Post doctoral research, Redstone Arsenal.
- GODSEY, LINDA** (2000), Visiting Instructor, Spanish, Model Laboratory. BA, MA, Morehead.
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- GOLDSON, ANTHONY** (2006), Assistant Professor, Anthropology, Sociology, & Social Work. BSC, University of West Indies; MSW, PhD, Florida International University.
- GOOCH, TODD** (2003), Associate Professor, Philosophy & Religion. BA, University of California; MA, PhD, Claremont Graduate University.
- GOODMAN, HERB** (2004), Chair, Professor, Art & Design. BFA, Ohio University; MFA, University of Cincinnati.
- GORBETT, GREGORY E.** (2008), Assistant Professor, Safety, Security, & Emergency Management. BS, University of Maryland; BS, Tri-State University; MS, Grand Canyon University.
- GORE, JONATHAN** (2005), Associate Professor, Psychology. BA, Michigan; MS, PhD, Iowa State.
- GORE, MICHELE T.** (1996), Professor, Social Work; Coordinator of Study Abroad; BSW, Kentucky; MSW, North Carolina-Chapel Hill.
- GOSSAGE, ANNE F.** (2001), Associate Professor, English & Theatre. BA, Delaware; MA, PhD, Pennsylvania State.
- GOW, GEORGE G.** (1987), Professor, Applied Engineering and Technology. AAS, Hudson Valley (NY); BS, MS, Wisconsin-Stout; EdD, Minnesota.
- GRANT, PAUL J.** (2008), Assistant Professor, Safety, Security, & Emergency Management. BS, MA, University of Phoenix.
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- GREENWELL, DONALD L.** (1980), Professor and Foundation Professor. Mathematical Sciences. BS, Murray State; MS, PhD, Vanderbilt.
- GRISE, BETSY T.** (2004), Instructor, Music, Model Laboratory. AS, BS, BME, MM, Eastern Kentucky.
- GRUBBS, VICKI** (1999), Associate Professor, Nursing, RN; BSN, MSN, Kentucky.
- GUILFOIL, JOANNE K.** (1989), Professor, Curriculum & Instruction. BA, Kentucky; MS, PhD, Oregon.
- GUNDERSON, GREGG** (2003), Professor, Political Science. BA, MA, PhD, University of Wisconsin.
- HAARR, ROBIN** (2006), Associate Professor, Criminal Justice. MS, PhD, Michigan State University.
- HADDIX, KENNETH** (2002), Assistant Professor, Music. BM, Indiana; MM, Kentucky; BME, Louisville.
- HAGAN, CARLA ISAACS** (1998), Assistant Professor, Agriculture. MS, Kentucky; additional graduate work.
- HALCOMB, KATHLEEN** (1999), Associate Professor, Baccalaureate and Graduate Nursing; ADN, Hawaii; BSN, Hawaii Lao; (Hilo) MSN, RCCNS Georgia Southern; Post Grad. FNP, Georgia Southern; EdD. University of Kentucky.
- HALE, ANDREA** (2005), Associate Professor, Psychology. BS, Eastern Kentucky; PhD, Tennessee.
- HALE, E. CARROLL** (1969), Professor, Art & Design. BA, Kentucky; MFA, Maryland Institute of Art.
- HALE, KIMBERLY** (2006), Assistant Professor, American Sign Language & Interpreter Education. BA, Maryville College; MA, University of South Carolina.
- HALL, KATHY** (2002) Director, Continuing Education. AA, BSN, Eastern Kentucky; MSN, Bellarmine.
- HALL, SARAH** (1985), Assistant Professor, Nursing. BSN, Eastern Kentucky; MSN, Vanderbilt.
- HALL, STEPHANIE** (2007), Assistant Professor, Counseling & Educational Psychology. BA, Kentucky; MA, Louisiana Tech; PhD, University of New Orleans.
- HANSEN, ELIZABETH S.** (1987), Interim Chair, Department of Communication, Professor of Communication and Foundation Professor. BA, Arkansas; MS, Iowa State; PhD, Kentucky.
- HARDESTY, SHARON** (2003), Lecturer, Sociology. BA, MA, JD, Kentucky.
- HARDWICK, RAYMOND** (2006), Lecturer, English & Theatre. BS, MA, Eastern Kentucky.
- HARLEY, JOHN P.** (1970), Professor of Biology and Foundation Professor. BA, Youngstown State; MA, PhD, Kent State.
- HARPER, DANIEL** (2008), Visiting Professor, Environmental Health Science. BS, Indiana State; MPH, Florida International.
- HARREL, SHERRY L.** (2000), Associate Professor, Biology. BGS, Louisiana at Monroe; PhD, Mississippi State.
- HART, BEVERLY** (1988), Professor, Baccalaureate and Graduate Nursing. BSN, Eastern Kentucky University; MS, Bellarmine; PhD, Cincinnati.
- HART, LEON R.** (1996), Assistant Football Coach/Teacher, Health Education. BA, Maryville; MAEd, additional graduate work, Eastern Kentucky.
- HARTCH, TODD** (2003), Associate Professor, History. BA, MAR, MA, MP, PhD, Yale.
- HARTER, JOHN F. R.** (1999), Professor, Economics. BA, Yale; MS, PhD, Purdue.
- HARVEY, CAROLYN** (2001), Director, MPH Program, Associate Professor, Environmental Health Science. BS, Tennessee; MS, Houston; PhD, Texas.
- HAUN, ROLAND** (2002), Visiting Lecturer, Educational Leadership & Policy Studies. BS, University of Southern Mississippi; MA, Georgetown College; EdD, Kentucky.
- HAUSER-WHITAKER, MARY** (2001), Assistant Professor, Baccalaureate & Graduate Nursing. ASN, Eastern KY Un; BSN, Un of KY; MSN, EdD, Spaulding.
- HAYDON, DEBORAH M.** (2008), Chair, Associate Professor, Special Education. EdD., University of Missouri-Columbia.
- HAYES, J. LAURENCE** (1989), Chair, American Sign Language & Interpreter Training, Professor, Interpreter Training. BS, MS, Oregon; PhD, Arizona.
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**HODGE, CONNIE** (2008), Senior Lecturer, Curriculum & Instruction. AA, Sue Bennett; BS, David Lipscomb; MA, Tennessee State.

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**JACOBS, ALLISON** (2003), Assistant Professor, Spanish and Drama, Model Laboratory. BA, MaEd, Eastern Kentucky.

**JAMES, ROBERT R.** (1988), Chair, Professor, Music. BM, Oakland; MM, Miami (OH).

**JANEWAY, BILLY D.** (1981), Professor, Computer Science. BS, Cumberland; MS, PhD, Houston.

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**JASINSKI, NATHAN** (2006), Assistant Professor, Music. BM, Brigham Young; MM, Arizona State; DMA, University of Michigan.

**JAY, JAQUELINE** (2008), Assistant Professor, History. BA, Toronto; PhD, Chicago.

**JENNINGS, MYRENA** (1967), Emeritus, Professor, Administrative Communication. BS, MA, Eastern Kentucky; PhD, Georgia State.

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**JOHNSON, WORLEY** (1988), Associate Professor, Environmental Health Science. BS, MPA, Eastern Kentucky.

**JONES, ALICE L.** (1997), Associate Professor, Geography & Geology. BJ, Texas at Austin; MAG, Southwest Texas State; PhD, The Ohio State.

**JONES, DAVID M.** (1999), Assistant Professor, History, Model Laboratory. MA, Eastern Kentucky; JD, Kentucky.

**JONES, JAY** (2005), Instructor, Model Laboratory. BA, MS, Kentucky.

**JONES, KEVIN** (1998), Assistant Librarian, Libraries. BS, MLIS, Tennessee; Ph.D, Kentucky.

**JONES, KIRK** (1990), Associate Professor, Mathematics. BA, MA, Northern Iowa; PhD, Iowa State.

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**JONES, RONALD L.** (1981), Professor of Biology and Foundation Professor. BA, David Lipscomb; PhD, Vanderbilt.

**JONES, SHERRY L.** (1993), Assistant Professor, Recreation & Park Administration. BS, Benedict; MS, Indiana.

**JUDD, CINDY** (2005), Assistant Librarian, Libraries. BS, Central Florida; MLIS, Kentucky.

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**KAFKA, LINUS B.** (2009), Instructor, History. BA, Rutgers University; MA, New York University; JD, University of Arizona College of Law; PhD, University of California Los Angeles.

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**KELTNER, KATHY** (2008), Assistant Professor, Communication. BA, Virginia; MS, Tennessee; PhD, Ohio.

**KENKEL, JAMES M.** (1991), Professor, English & Theatre. BA, Xavier; MA, Ohio; PhD, Illinois.



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- KILGORE, JEFFERY B.** (1986), Assistant Professor, Technology. BA, BS, Berea College; MS, Eastern Kentucky; additional graduate work, Kentucky.
- KIMMEL, KRISTA** (2009), Lecturer, Communication. BA, Murray; MA, Kentucky.
- KING, REBECCA K.** (1973), Associate Professor, French. BA, McNeese State; Diploma, Sorbonne (Paris); MA, Indiana; PhD, Kentucky.
- KIOGORA, TIMOTHY** (1994), Associate Professor, Humanities. DipTh, Makerere University (Kenya); Mth, Southern Methodist; PhD, University of Denver/Iliff School of Theology.
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**SHORT, JUDY** (1987), Chair, Professor and Foundation Professor, Nursing. BSN, Eastern Kentucky; MSN, Kentucky; DSN, Alabama (Birmingham).

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- TACKETT, ELAINE** (1990), Associate Professor, Paralegal Science. BS, MA, Eastern Kentucky; JD, Chase School of Law.
- TANARA, JAMES** (1979), Assistant Football Coach/Teacher, Health Education. BS, Chattanooga; MA, Alabama.
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- WATKINS, MARCIA** (2008), Instructor, Biology.
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**ZEIGLER, SARA** (1997), Interim Dean, University Programs, Chair, Government, Professor, Political Science. BA, Reed; MA, PhD, California-Los Angeles.

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**ADKINS, BERTEE** 1975-, Professor, Administrative Communication and Services. BS, MA, Eastern Kentucky; EdD, Kentucky.

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**BATTS, JAMES** 1988-2005, Associate Professor, Psychology. BS, MS, Eastern Kentucky; MEd, PhD, Kentucky.

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- MARCUM, WALTER** 1964-1988, Professor, Educational Administration. BS, Union; MA, EdD, Kentucky.
- MARDON, DAVID** 1976-1999, Professor, Biology. AB, PHD, Syracuse.
- MARIONNEAUX, RONALD L.** 1977-, Professor, Geography and Planning. BA, Northeast Louisiana; MA, Louisiana State; PhD, Indiana.
- MARSH, SHARON** 1973-2002, Assistant Professor, Libraries. BS, MSLS, Wisconsin-Milwaukee; MA, Eastern Kentucky.
- MARTIN, HENRY G.** 1955-1975, Professor, Educational Foundations. BA, Berea College; MA, Kentucky; EdD, Tennessee.
- MARTIN, JUNE** 1976-, Assistant Professor, Libraries. BS, Eastern Kentucky; MSLS, additional graduate work, Kentucky.
- MARTIN, SANDRA** 1975-2001, Assistant Professor, Exercise and Sport Science. BS, MAEd, Eastern Kentucky; additional graduate work, Eastern Kentucky, Virginia, Longwood, Florida State.
- MARTIN, WILLIAM H.** 1969-2008, Director, Division of Natural Areas, Professor, Biology. BS, Tennessee Technological; MS, PhD, Tennessee.
- MASAGATANI, GLADYS** 1982-2003, Professor, Occupational Therapy. OTR/L; BA, Hawaii; post-baccalaureate certificate, Wayne State; MEd, Florida.
- MASTERSON, JAMES W.** 1969-1997, Professor of Technology and Foundation Professor. BS, MA, Eastern Kentucky; EdD, Missouri.
- MAUPIN, MARSHA H.** 1990-2003, Assistant Professor, Family and Consumer Sciences. BS, MS, Kentucky; additional graduate work, Eastern Kentucky, Wright State.
- MAUPIN, MILDRED** 1962-1991, Associate Professor, Physical Education. BS, Appalachian; MA, Eastern Kentucky; additional graduate work, Eastern Kentucky, Kentucky.
- MCCANN, RUTH** 1962-1990, Professor, Business Education. BS, MA, Eastern Kentucky; EdS, additional graduate work, Kentucky.
- MCCARTHY, MARGARET ANN** 1981-, Associate Professor, Human Environmental Sciences. BA, Marian; MPH, California (Berkeley); additional graduate work, Eastern Kentucky.
- MCCLURE, MARY JO** 1987-1998, Associate Professor, Nursing. BSN, MSN, Kentucky.
- MCCORD, JAMES W. H.** 1978-2005, Professor, Paralegal Science. BS, Tennessee; JD, Wisconsin Law School.
- MCGLASSON, ALVIN G.** 1949-1983, Professor, Mathematical Sciences. BS, Eastern Kentucky; MS, Kentucky; additional graduate work, Kansas, Missouri, Michigan State.
- MCGLASSON, MARY M.** 1967-1983, Assistant Professor, Biology. AB, MA, Eastern Kentucky; additional graduate work, Eastern Kentucky, Virginia.
- MCGLONE, TERESA A.** 1989-2010, Professor, Marketing. BS, MBA, Marshall; DBA, Kentucky.
- MCHONE, WILLARD T.** 1955-1987, Associate Professor, Art Education. AB, Eastern Kentucky; MEd, Louisville; additional graduate work, Kentucky, Indiana, George Peabody, Eastern Kentucky.
- MCKENNEY, JR., WILLIAM A.** 1969-1989, Professor, Educational Foundations. AB, MA, Kentucky; PhD, Florida State.
- MECKLER, ROY S.** 1972-2006, Professor, Special Education. BS, Pittsburgh; MA, PhD, George Peabody.
- MEISENHEIMER, JOHN L.** 1963-1999, Professor of Chemistry and Foundation Professor. BA, Evansville; PhD, Indiana; post doctoral

research, Indiana.

**MELTON, CEDALIA H.** 1990-2008, Assistant Professor, Nursing. RN; ASN, Lexington Technical Institute; BSN, Kentucky; MSN, Spalding.

**MERCER, DOROTHY** 1987-2008, Professor, Psychology. BA, Adrian; MA, Michigan; PhD, Michigan State.

**MILLER, JAMES ROBERT** 1971-2001, Professor, Philosophy and Religion. BA, Mercer; BD, Southern Baptist Theological Seminary; MA, Kentucky; PhD, Tulane.

**MILLER, JOAN** 1992-2006, Assistant Professor, English & Theatre. BS, Southern Illinois, MAEd, MA, Eastern Kentucky.

**MILLER, ROBERT J.** 1969-, Professor, Science Education. BS, Mankato State; MST, North Dakota; PhD, Texas.

**MILLS, KAY B.** 1968-1995, Assistant Professor, Elementary Education; Laboratory School. BS, MA, Kentucky; additional graduate work, Eastern Kentucky.

**MOBERLY MARGARET** 1946-1974, Professor, Business Education and Office Administration. BS, Eastern Kentucky; MBA, Chicago; additional graduate work, Kentucky.

**MOHANTY, AMIYA K.** 1969-, Professor, Sociology. BA, Utkal (India); MA, Bombay (India); Diploma in Social Science Methodology, Utkal (India); PhD, Florida State.

**MOORE, PAMELA** 1986-2004, Professor, Nursing and Foundation Professor. BSN, Berea College; MPH, North Carolina; EdD, Kentucky.

**MORETZ, ELMO** 1967-1995, Professor, Education. BS, MA, Appalachian State; EdD, Miami (FL).

**MORRIS, WILLIAM A.** 1969-1990, Professor, Elementary Education. BA, Harding; MA, California State (Long Beach); EdD, George Peabody.

**MORROW, WILLIAM R.** 1968-1993, Professor, Economics. BS, West Virginia; MS, PhD, Tennessee.

**MORTLAND, DONALD E.** 1971-, Associate Professor, English. BA, MA, Wichita State; PhD, Oklahoma.

**MOTLEY, PAUL** 1969-2001, Professor of Physical Education and Foundation Professor. AB, MA, EdS, Eastern Kentucky; EdD, Arkansas.

**MOUNTZ, EDSSEL** 1956-1982, Associate Professor, Business Education and Office Administration. BS, Eastern Kentucky; MA, Kentucky; additional graduate work, Kentucky.

**MULLINS, MARTHA** 1969-, Professor, Physical Education. BS, Alabama; MS, PhD, Florida State.

**MUNS, GEORGE E.** 1969-1987, Professor, Music. BA, Missouri; MA, PhD, North Carolina.

**MUTERSBAUGH, BERT** 1967-, Associate Professor, History. BA, MA, PhD, Missouri.

**NAYLE, ROBERT** 1967-, Professor, Mathematical Sciences. BS, Kentucky; MA, Western Kentucky; PhD, Kentucky.

**NELSON, KENNETH R.** 1972-2005, Professor, History. AB, Alabama; MA, PhD, Georgia.

**NELSON, PATRICIA R.** 1983-1991, Assistant Professor, Special Education. BA, Northeastern Oklahoma; MA, Tulsa; EdD, Oklahoma State.

**NEWHOFF, THERESA** 1967-1974, Assistant Professor, Art and Education. AB, MA, Kentucky; additional graduate work; Duke University, California, Art Institute of Chicago, Kentucky.

**NEWSOME, REBECCA** 1983-2010, Professor, Medical Assisting. Mt(aSCP); CMA; BS, MS, Eastern Kentucky; PhD, Memphis.

**NIELAND, DOUGLAS** 1969-2000, Assistant Professor, Recreation. BA, Iowa Northern; MS, Indiana; additional graduate work, Maryland.

**ODUM, WALTER** 1964-, Associate Professor, History. BA, MA, PhD, Florida State.

**OGDEN, FREDERIC** 1961-1980, Professor, Political Science. AB, Tusculum; PhD, John Hopkins.

**OGDEN, MARION** 1976-, Assistant Professor, Recreation. BM, Baylor; MRE, Southern Baptist Theological Seminary; MS, Memphis; ReD, Indiana.

**OTERO, RAYMOND** 1968-, Professor, Biology. BS, Dayton; MS, Rochester; PhD, Maryland; post doctoral research, Kentucky.

**OWENS, GENEVA** 1962-1980, Associate Professor, English Education. AB, MA, Eastern Kentucky; additional graduate work, Eastern Kentucky, Kentucky.

**PATRICK, ALFRED L.** 1965-, Professor, Computer Information Systems. BS, MEd, Virginia Polytechnic; EdD, Tennessee.

**PATRICK, DALE R.** 1956-1984, Professor, Technology. BS, MS, Indiana

State; additional graduate work, Eastern Kentucky, Indiana State.

**PAUL, HELEN** 1989-2003, Associate Professor, Nursing. RNc; BS, Cumberland College; BSN, Wright State; MSN, Kentucky; additional graduate work, Georgia State.

**PAXSON, RITA** 1979-2003, Associate Professor, Nursing. RN; BSN, Eastern Kentucky; MSN, Kentucky; additional graduate work, Kentucky.

**PEEL, NANCY** 1967-2000, Professor, Elementary Education. AB, MA, Kentucky; EdD, Indiana; Honorary Diploma Mathematics, Goulburn (Australia); Diploma, Air-War College.

**PEOPLES, L. CROCKER** 1970-1987, Associate Professor, Psychology. BS, Carson Newman; PhD, Tennessee.

**PERRY, JERRY** 1973-1994, Professor, Mass Communications. BA, Berea College; MA, Iowa; PhD, Syracuse.

**PFOTENHAUER, HARRIET** 1979-1999, Assistant Professor, Nursing. BSN, Milligan; MA, Eastern Kentucky; MSN, Tennessee.

**PHILLIPS, ODELL** 1965-1989, Professor, Physical Education. BS, Murray State; MA, Alabama; PhD, Florida State.

**PHILLIPS, RUTH T.** 1978-1987, Assistant Professor, Home Economics. BS, Alabama; MS, Kentucky; additional graduate work, Eastern Kentucky, Florida, Jacksonville (FL).

**PIERCE, RONALD** 1964-2004, Associate Professor, Mathematical Sciences. BS, Morehead State; MS, additional graduate work, Kentucky.

**PLUMMER, BONNIE** 1973-2006, Professor, English and Theatre. BA, MA, Eastern Kentucky; EdD, Kentucky.

**POLLMAN, JUDITH** 1994-, Associate Professor, Nursing. BSN, Illinois (Chicago); MS, Western Illinois; MSN Equivalent; PhD, Cincinnati.

**POLVINO, GERALDINE** 1966-2001, Professor, Exercise and Sport Science. BS, State University College at Brockport; MA, Eastern Kentucky; PhD, Iowa.

**POSEY, ROBERT W.** 1966-1983, Professor, Police Administration. BA, Georgetown (KY); MS, Michigan State; EdD, Indiana.

**POWELL, HOWARD** 1969-, Professor, Chemistry. BS, Murray State; MA, PhD, Texas.

**POWER, LOUIS A.** 1969-1982, Assistant Professor, Education. BS, MA, Eastern Kentucky; additional graduate work, Kansas, Western Kentucky.

**POWERS, BETTY C.** 1977-, Professor, Human Environmental Sciences. BS, Berea College; MS, EdD, Kentucky.

**PRESNELL, GLENN E.** 1947-1972, Assistant Professor, Health and Physical Education. BS, Nebraska; additional graduate work, Nebraska, Eastern Kentucky.

**PREWITT, ROGER** 1968-2002, Professor, Technology. BS, MA, Eastern Kentucky; EdD, Northern Colorado.

**QUILLEN, DENNIS E.** 1967-2001, Associate Professor, Geography. BS, MS, PhD, Tennessee.

**RAGLAND, ELIZABETH** 1967-1975, Associate Professor, Mathematics. AB, MA, Kentucky; additional graduate work, Kentucky, Florida.

**RAMSDELL, LESLIE C.** 1970-, Associate Professor, Health Education. BS, Lyndon State; MS, Indiana; EdD, West Virginia.

**RAYNEY, IMOGENE** 1965-2005, Professor, Elementary Education. BS, MA, Eastern Kentucky; EdD, Indiana.

**REED, HELEN** 1965-1970, Professor, Secondary Education. AB, Iowa; BA, MA, George Peabody; EdD, Indiana.

**REED, JOAN** 1974-2006, Professor, Chemistry. BS, Idaho; PhD, Brigham Young; post doctoral research, UCLA.

**REEDY, CHARLES** 1972-1994, Professor, Correctional Services. AB, Berea College; MA, EdD, Kentucky.

**REEHM, SUE** 1991-2003, Associate Professor, Mathematics Education. AA, Joplin Junior College; BS, MS, EdS, Pittsburg State (KS); PhD, Missouri.

**REMALEY, PETER P.** 1969-2004, Professor, English. BS, Clarion State; MA, Kent State; DA, Carnegie-Mellon.

**RHODES, BYNO R.** 1958-1983, Professor, English. BA, MA, PhD, Vanderbilt.

**RICKS, TRUETT** 1972-1997, Professor, Police Studies. BBA, MBA, Memphis State; PhD, Florida State.

**RIGGS, JAY G.** 1968-, Associate Professor, Psychology. AB, MA, PhD, Wayne State.

**RINK, RICHARD A.** 1977-2002, Professor, Computer Science. BSEE, Purdue; MS, PhD, Rochester.

**ROBERTS, CAROL** 1968-1998, Assistant Professor, Social Science. BA, Eastern Kentucky; MA, additional graduate work, Kentucky.

- ROBERTS, JOHN** 1985-2005, Professor, Music. BM, Oklahoma City; MM, Eastman; PhD, Louisiana.
- ROBINETTE, DANNY R.** 1972-2006, Professor, Communication. BA, Berea College; MAT, Vanderbilt; PhD, Ohio.
- ROBINSON, GEORGE W.** 1956-1991, Professor, History. BS, MS, PhD, Wisconsin.
- ROBUCK, LUCILLE B.** 1971-1989, Associate Professor, Police Studies. MSSW, JD, Louisville.
- ROGERS, DOUGLAS** 1986-2007, Emeritus, Assistant Professor, Communication. BS, MS, Arkansas State; additional graduate work, Eastern Kentucky.
- ROGERS, NELLIE F.** 1971-1995, Assistant Professor, Nursing. RN, BSN, Kentucky; MA, Eastern Kentucky.
- ROITMAN, JOEL M.** 1970-2004, Associate Professor, History. BS, MA, Memphis State; PhD, Cincinnati.
- ROSS, CHARLES L.** 1963-1982, Professor, Educational Administration. AB, Tusculum College; MA, Peabody College; EdD, Tennessee.
- RUSH, DAVID** 1970-2000, Professor, Educational Administration. AB, MA, Eastern Kentucky; EdD, Ball State.
- RYOTI, DON E.** 1977-2006, Professor, Mathematical Sciences and Foundation Professor. BA, Northwestern; MA, Ohio State; PhD, Illinois.
- SANDEFUR, RUTH A.** 1995-, Assistant Professor, Special Education. BS, Tennessee; MS, Converse College.
- SAVAGE, STEVEN P.** 1975-2006, Associate Professor, Anthropology. BA, Kansas; MA, PhD, Colorado.
- SAYLOR, ELIZABETH N.** 1979-1986, Assistant Professor, Health Record Science. RRA, BS, MAEd, Eastern Kentucky.
- SCHMITKE, JOAN** 1983-2006, Associate Professor, Nursing. BSN, MSN, Kentucky; DSN, Alabama (Birmingham).
- SCHULZ, WILLIAM D.** 1968-2006, Professor, Chemistry. BA, MA, Mankato State; PhD, Louisiana State.
- SCHUSTER, GUENTER A.** 1979-2009, Professor of Biology and Foundation Professor. BS, Dayton; MS, Eastern Kentucky; PhD, Tennessee.
- SCHWENDEMAN, JOSEPH R.** 1966-, Professor, Geography. BS, MS, Kentucky; PhD, Indiana.
- SCORSONE, FRANCESCO G.** 1965-1986, Professor, Mathematical Sciences. BA, Umberto I, Palermo (Italy); PhD, Palermo (Italy).
- SCORSONE, MARIA G.** 1968-, Professor, Spanish. BA, R. Institute Magistrale F.A., Palermo (Italy); PhD, Syracuse.
- SCOTT, BRETT D.** 1967-1991, Associate Professor, Correctional Services. BS, Pikeville; MEd, Louisville; EdD, Kentucky.
- SEFTON, DAVID S.** 1985-2008, Professor, History. BA, California State; MA, PhD, Michigan State.
- SEXTON, LARRY C.** 1976-2008, Emeritus Professor, Counseling & Educational Psychology. BSE, MAE, EdD, Ball State.
- SEXTON, WILLIAM E.** 1957-1986, Professor, Industrial Education and Technology. BS, Eastern Kentucky; MEd, Illinois; EdD, Missouri.
- SHADOAN, DONALD** 1962-1989, Professor, Economics. BS, MS, PhD, Kentucky.
- SHAPIRO, SANDRA** 1994-2003, Associate Professor, Nursing. RN, ARNP, C, CS, BS, MS, Murray; MSN, Bellarmine.
- SHARP, ROBERT R.** 1969-1996, Professor, Economics. BS, PhD, Kentucky.
- SHIN, UN-CHOL** 1977-2007, Professor, Humanities. BA, Seoul National; BS, Bemidji State; MA, PhD, Minnesota.
- SHIPLEY, CHARLES** 1968-1980, Professor, Traffic Safety. LLB, Kentucky.
- SHUNTICH, RICHARD** 1972-, Professor, Psychology. BA, Youngstown; MA, PhD, Kent State.
- SIEGEL, CAROLYN F.** 1989-2008, Professor, Marketing. BS, Maryland; MPA, DBA, Kentucky.
- SMILEY, HARRY** 1967-, Professor, Chemistry. BS, Eastern Kentucky; MS, PhD, Kentucky.
- SMITH, DOROTHY** 1966-1980, Associate Professor, Elementary Education. Aroostook State Teachers College; Eliot-Pearson School; BS, MA; Eastern Kentucky.
- SMITH, ETHEL** 1972-1988, Assistant Professor, Elementary Education. BA, Kentucky; BS, MA, EdS, Eastern Kentucky.
- SMITH, KATHLEEN** 1966-1986, Assistant Professor, English. BA, Eastern Kentucky; MA, Kentucky.
- SMITH, THEODORE N.** 1970-, Professor, Speech. BA, Central Methodist; MA, Missouri; PhD, Michigan State.
- SNARR, RICHARD** 1969-1997, Professor, Correctional Services. BS, Wittenberg; MA, PhD, Kentucky.
- SNARR, SHIRLEY** 1968-, Professor, Human Environmental Sciences. BA, Wittenburg; MS, PhD, Kentucky.
- SNOWDEN, JAMES G.** 1954-1979, Professor, Educational Psychology. AB, MA, Kentucky; EdD, Indiana.
- SOUSA, DAVID C.** 1972-2005, Professor, Physics. BS, Canisius; PhD, Notre Dame.
- SOWDERS, BARBARA E.** 1966-2000, Assistant Professor, English. AB, MA(Ed), MA, Eastern Kentucky.
- SOWDERS, JEANETTE B.** 1969-1987, Assistant Professor, Library Science. AB, MA, additional graduate work, Eastern Kentucky.
- SPENCER, ALBERT** 1969-1996, Professor, Technology. BS, Eastern Kentucky; MEd, EdD, Missouri.
- SPURLOCK, JACQUELINE** 1966-1999, Professor, French. BA, Toronto; MA, PhD, Kentucky.
- STANALAND, PEGGY** 1968-, Professor, Physical Education. BA, MA, Florida; PED, Indiana.
- STAPLES, ALAN** 1961-, Professor, Music. BM, Curtis Institute of Music; BM, MM, Eastman School of Music; DMA, Cincinnati.
- STAPLETON, DIANA** 1972-2002, Assistant Professor, Libraries. BA, MA, Eastern Kentucky; MSLS, Kentucky.
- STARK, ANNA** 1963-1972, Assistant Professor, Elementary Education. AB, Kentucky; MA, Teachers College, Columbia University; additional graduate work, Kentucky.
- STEBBINS, K. ANN** 1969-, Professor, Social Science. BS, Bowling Green State; MA, PhD, Kentucky.
- STEBBINS, ROBERT E.** 1963-2000, Professor, History. BA, Bowling Green State; BD, Yale; MA, PhD, Minnesota.
- STEPHAN, SHERYL** 1973-1999, Professor, Recreation. BS, MacMurray; MA, Iowa State; ReD, Indiana.
- STEPHENS, ALLAN D.** 1982-2006, Assistant Professor, Music Education; Laboratory School. BA, Southern Illinois; MEd, Southwest Texas State; additional graduate work, Texas, Illinois.
- STOCKER, JAMES W.** 1946-1985, Professor, Agriculture. BS, Eastern Kentucky; MS, additional graduate work, Kentucky.
- STRANGE, JOHANNA** 1976-2001, Assistant Professor, Elementary Education; Laboratory School. AB, Asbury; MAEd, EdS, Eastern Kentucky; additional graduate work, Kentucky.
- STUBBLEFIELD, VERNON S.** 1971-2006, Professor, Chemistry/Forensic Science. BS, Murray; PhD, Kentucky.
- STULL, JAMES C.** 1965-1989, Professor, Educational Foundations. BSEd, Bowling Green State; MS, Indiana; PhD, Toledo.
- SULTANA, QAISAR** 1980-2006, Professor, Special Education. BA, MA, Karachi (Pakistan); MAEd, American University of Beirut (Lebanon); PhD, Georgia.
- SURPLUS, JEAN** 1967-, Professor, Music Education. BME, Oberlin Conservatory of Music; MA, EdD, Columbia.
- SURPLUS, ROBERT** 1965-, Professor, Music and Music Education. BS, Susquehanna; MA, EdD, Columbia.
- SUTTON, DORIS** 1969-1986, Associate Professor, English. BA, Georgetown (KY); MA, PhD, Kentucky.
- SUTTON, DOROTHY M.** 1978-2004, Professor, English. BS, Georgetown (KY); MA, Mississippi; PhD, Kentucky.
- SUTTON, G. WILLIAM** 1967-2004, Professor, English. BA, Georgetown; MA, PhD, Mississippi.
- SWAN, EDWARD T.** 1991-1998, Professor, Educational Administration. BS, Oakland City College; MS, Indiana State; EdD, Indiana.
- SWEET, JR., CHARLES A.** 1970-2008, Professor of English & Theatre and Foundation Professor. AB, Washington and Lee; MA, PhD, Florida State.
- SWINFORD, WILLARD E.** 1955-1983, Professor, Industrial Education and Technology. BS, MA, Eastern Kentucky; additional graduate work, Colorado State, Eastern Kentucky, Illinois.
- TAYLOR, MORRIS** 1963-, Professor, Chemistry. BS, MS, PhD, Purdue.
- TEAGUE, CHARLES** 1969-1996, Associate Professor, Physics. BS, East Tennessee State; MS, Ohio; additional graduate work, Rochester.
- TERANGO, STELLA** 1978-, Assistant Professor, Elementary Education; Laboratory School. BS, West Virginia; MA, East Tennessee; additional graduate work, Eastern Kentucky.
- THOMAS, CAROL** 1975-2002, Assistant Professor, Libraries. AB, MA, MPA, Eastern Kentucky; MSLS, Kentucky; additional graduate work,

FACULTY LISTING

Kentucky, Eastern Kentucky.

**THOMAS, JOHN C.** 1983-2008, Professor, Curriculum & Instruction, Secondary Education. BS, MA, Eastern Kentucky; EdD, Cincinnati.

**THOMAS, JOYCE H.** 1993-2005, Associate Professor, Library Science. BA, Kentucky State; MSLS, Kentucky; PhD, Michigan State.

**THOMPSON, HOWARD** 1974-1993, Professor, Marketing. BBA, California (Berkeley); MBA, Tulane; PhD, Alabama.

**THOMPSON, MARVIN P.** 1968-1998, Professor, Biology. BS, Kentucky; MS, Kansas State; PhD, Southern Illinois.

**THOMPSON, RALPH** 1965-, Professor, Chemistry. BS, MS, East Texas State; PhD, Texas; post doctoral research, Indiana.

**THORNE, DANIEL** 1986-2007, Associate Professor, Accounting. BS, SUNY; MBA, Eastern Kentucky; DBA, Kentucky; CPA, Maryland.

**THURMAN, J.W.** 1962-1983, Assistant Professor, Health and Physical Education. BS, MA, Eastern Kentucky.

**THURMAN, MARGARET** 1964-1983, Assistant Professor, Medical Assisting Technology. MT/ASCP, CMA, BS, MS, additional graduate work, Eastern Kentucky.

**TILLETT, BILL G.** 1974-2010, Professor, Criminal Justice & Police Studies. BS, Louisville; MS, Eastern Kentucky; EdD, Kentucky.

**TODD, JUANITA** 1960-1988, Professor, Art. AB, Georgetown (KY); MA, Kentucky.

**TOLAR, CALVIN** 1970-2002, Professor, Education. BA, East Texas Baptist College; BD, Southwestern Theological Seminary; MS, PhD, East Texas State.

**TOPMILLER, ROBERT** 2000-2008, Associate Professor, History. BA, MA, Central Washington; PhD, Kentucky.

**TORBETT, DANIEL** 1965-1988, Professor, Industrial Education and Technology. BS, MS, Arkansas State; EdD, Missouri.

**TOWERS, ROBERT L.** 1988-2001, Associate Professor, Technology. BSEE, MS, Eastern Kentucky; EdD, Kentucky.

**TRACY, EVANS** 1973-2002, Associate Professor, Correctional Services. BS, Transylvania; MSW, Louisville.

**TURNER, REBECCA** 1972-2002, Assistant Professor, Libraries. BA, Eastern Kentucky; MSLS, Kentucky; additional graduate work, Eastern Kentucky.

**TURNER, RICHARD A.** 1974-1982, Associate Professor, Education. BS, Oklahoma City; MT, Central State (OK); EdS, Kentucky.

**VANCE, JACQUELINE G.** 1976-2003, Assistant Professor, Elementary Education; Laboratory School. BS, North Texas State; MAEd, additional graduate work, Eastern Kentucky.

**VANCE, RICHARD G.** 1969-2004, Professor, Political Science. BA, MA, North Texas; PhD, North Carolina-Chapel Hill.

**VOIGHT, JESSELYN W.** 1976-1985, Professor, Nursing. RN, BSNEd, Loyola; MA, PhD, Michigan; additional graduate work, Wayne State, Texas Woman's, Case Western Reserve, Eastern Kentucky.

**WALKER, JIM MURRAY** 1966-, Professor, Anthropology. AB, Mercer; BD, ThD, New Orleans Baptist Seminary; additional graduate work, Kentucky, Colorado, New York Studies in Israel, Emory, Tulane.

**WALKER, JO ANN** 1971-1990, Associate Professor, Education. BS, Campbellsville; MA, EdS, Western Kentucky; additional graduate work, Eastern Kentucky.

**WALKER, WILMA** 1973-1999, Professor, Geography. BA, Morehead State; MA, PhD, Kentucky.

**WALKO, JEAN C.** 1974-, Associate Professor, Nursing. BSN, Berea College; MSN, Kentucky; additional graduate work, Kentucky.

**WALLACE GINGER W.** 1990-1997, Associate Professor, Elementary and Middle School Guidance; Laboratory School. BA, MS, Southwest Missouri; EdD, Kentucky.

**WARD, JAMES M.** 1979-2002, Assistant Professor, Health Education. BS, Ohio; MA, Eastern Kentucky.

**WARMING, ELOISE V.** 1974-, Associate Professor, English. AB, Berea; MA, Eastern Kentucky; EdS, Kentucky.

**WARNER, KERSTIN P.** 1974-2008, Professor, English & Theatre. AB, Vassar; MA, PhD, Minnesota.

**WARREN ROSE L.** 1967-1979, Assistant Professor, Elementary Education. BS, Georgia; MA, George Peabody; additional graduate work, George Peabody.

**WATKINS, WILLIAM H.** 1968-1989, Professor, Psychology. BS, Western Reserve; MSA, Trinity; PhD, Texas.

**WELCH, C. ROBERT** 1979-2006, Assistant Professor, Social Work. AB, MA, Marshall; MSW, Smith College.

**WELLMAN, FERRELL** 1995-2006, 2007-2010, Assistant Professor/Lecturer, Communication. BA, Eastern Kentucky; MMC, South Carolina.

**WERNEGREN, JOHN O.** 1969-2004, Professor, Physical Science.

BS, MEd, EdD, Illinois.

**WHITAKER, CHARLES F.** 1976-2006, Professor of English and Theatre and Foundation Professor. BA, Western Kentucky; MA, PhD, Purdue.

**WHITCOPE, DENNIS** 1968-, Professor, Art. BA, San Fernando Valley State; MFA, Pennsylvania State.

**WHITE, JR., ERNEST R.** 1979-1996, Professor, Educational Administration. AA, Ashland Community; AB, MA, Marshall; EdD, Kentucky.

**WHITE, ISABELLE B.** 1967-2005, Director, Women's Studies, Professor of English and Foundation Professor. AB, MA, Eastern Kentucky; PhD, Kentucky.

**WHITLOCK, CHARLES D.** 1968-2006, Assistant Professor, Computer Science. BA, MA, Eastern Kentucky; EdD, Kentucky.

**WHITLOCK, THELMA** 1957-1974, Associate Professor, Education. BS, MA, Eastern Kentucky; additional graduate work, Kentucky.

**WHITT, JR. A.L.** 1948-1982, Professor, Biology. BS, Western; MS, Kentucky; additional graduate work, Vanderbilt, Virginia.

**WIDENER, LEONARD** 1969-, Associate Professor, Social Studies Education. BS, Stetson; MS, Adv. MEd, Florida State.

**WILLIAMS, CAROL G.** 1996-2002, Associate Professor, Nursing. BS, Rhode Island, MS, DNSc, Boston.

**WILLIAMS, FRANK C.** 1973-2006, Professor, Philosophy. BEE, Georgia Institute of Technology; BD, Southwestern Baptist Seminary; PhD, Duke.

**WILSON, A. CLIFFORD** 1970-1990, Associate Professor, Accounting. BS, MA, Kentucky; CPA, West Virginia; additional graduate work, Cincinnati.

**WINTHER, PAUL C.** (1973), Professor, Anthropology. AAS, New York State; BA, MA, Michigan State; PhD, Cornell.

**WISE, JOE** 1969-1991, Professor, Educational Administration. AB, Eastern Kentucky; MA, EdD, Kentucky.

**WISEBAKER, SUE** 1967-1999, Associate Professor, Nursing. RN, BSN, Florida State; MA, Eastern Kentucky.

**WISEBAKER, VANCE** 1966-2002, Professor, Sociology. BA, MS, Florida State; PhD, Georgia.

**WITT, ROBERT** 1970-2000, Professor, English. AB, Georgetown (KY); AM, PhD, Mississippi.

**WOLFE, RON G.** 1979-2000, Emeritus, Professor of Mass Communications and Foundation Professor. BA, Eastern Kentucky; MA, Ohio, EdD, Kentucky.

**WOOLUM, LEONARD F.** 1957-1982, Professor, Educational Foundations. AB, Union College; MA, Kentucky; EdD, Maryland.

**WOWK, VITALY** 1976-, Associate Professor, Russian. BA, Mississippi State; MA, PhD, Ohio State.

**WRIGHT, J. WARD** 1983-, Professor, Management. BA, JD, Chicago; MPA, DPA, Southern California.

**WRIGHT, DARLA KAY.** 1982-2006, Professor, Family and Consumer Sciences. BS, MS, EdD, Kentucky.

**WRIGHT, VIRGINIA** 1982-1999, Professor, Economics. BA, Kansas State; PhD, George Washington.

**WUILLEUMIER, RUDOLPH** 1971-2000, Assistant Professor, Economics. BS, Eastern Kentucky; additional graduate work, Kentucky.

# Accreditations and Memberships

## ACCREDITATIONS

**Eastern Kentucky University is accredited by the Commission of Colleges of the Southern Association of Colleges and Schools to award associate, baccalaureate, masters and Doctor of Education degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of Eastern Kentucky University. The Commission on Colleges should be contacted only if there is evidence that appears to support an institution's significant non-compliance with a requirement or standard.**

AACSB International - The Association to Advance Collegiate Schools of Business  
 Accreditation Council for Occupational Therapy Education (ACOTE)  
 Accredited Schools and Programs of Public Health  
 American Nurses Credentialing Center (ANCC)  
 Commission on Accreditation for Dietetics Education of the American Dietetics Association  
 Commission on Accreditation for Health Informatics and Information  
 Commission on Accreditation of Allied Health Education Programs upon the recommendation of the Joint Review Committee on Education Programs for the EMT Paramedic  
 (Emergency Medical Technician/Paramedic)  
 (Associate Degree and Certificate Curricula)  
 Commission on Accreditation of Allied Health Education Programs on the recommendation of the Committee on Accreditation for Medical Assistant Education  
 (Medical Assisting Technology)  
 (Associate Degree Program)  
 Commission on Accreditation of Allied Health Education Programs  
 Joint Review Committee on Educational Programs in Athletic Training  
 Commission on Collegiate Nursing Education  
 (Baccalaureate and Masters Degree Programs)  
 Commission on Health Informatics and Information Management Education (CAHIIM)  
 Council for Accreditation of Counseling and Related Educational Programs  
 Council on Education for Public Health (CEPH)  
 Council on Education of the Deaf  
 (Baccalaureate Degree Program)  
 National Accrediting Agency for Clinical Laboratory Sciences  
 (Associate and Baccalaureate Degree Programs)  
 Accreditation Council for Occupational Therapy Education  
 (Baccalaureate Degree and Masters Degree)  
 American Speech-Language-Hearing Association, Council on Academic Accreditation (Graduate Degree Program)  
 Computing Accreditation Commission of ABET  
 (Baccalaureate Degree Program)  
 Council on Social Work Education  
 (Baccalaureate Degree Program)  
 International Council for Exceptional Children  
 International Society of Fire Services Instructors Emergency  
 Kentucky Vocational Agriculture Teachers Association  
 Management Accreditation and Certification System  
 (Professional Qualifications Council for Industry)

(Baccalaureate Degree Program)  
 National Association of College Teachers of Agriculture  
 National Association for the Education of Young Children  
 National Association of Industrial Technology  
 National Association of Schools of Music  
 National Association of School Psychologists  
 National Association of Schools of Public Affairs and Administration  
 (Master of Public Administration Degree Program)  
 National Environmental Health Science and Protection Accreditation Council  
 (Baccalaureate Degree Program)  
 National Council for Accreditation of Teacher Education  
 American Association for Health Education  
 National Association for Sport and Physical Education  
 National League for Nursing Accrediting Commission  
 (Associate Degree Program)  
 National Recreation and Park Association/American Association for Leisure and Recreation Council on Accreditation  
 (Baccalaureate Degree Program)  
 American Council for Construction Education  
 American Nurses Credentialing Center  
 American Academy of Forensic Science (B.S. in Forensic Science)  
 Masters in Psychology Accreditation Council  
 (Clinical Psychology M.S. Program)

## THE FOLLOWING PROGRAMS ARE APPROVED BY THESE AGENCIES:

Accreditation Council for Occupational Therapy Education (ACOTE)  
 Occupational Therapy  
 (Master of Science Degree Program)  
 American Bar Association  
 Paralegal  
 (Associate and Baccalaureate Degree Programs)  
 American Association for Health Education  
 Health Education, School Health Option  
 (Baccalaureate Degree Program)  
 American Chemical Society  
 (Bachelor of Science)  
 American Drive and Traffic Safety Education Association (ADTSEA/  
 IUP National Teacher Credentialing Program)  
 Association of Graduate Faculties in Public Health  
 Community Nutrition  
 (Master of Science Degree Program)  
 Council of Applied Masters Programs in Psychology  
 Clinical Psychology  
 (Master of Science Degree Program)  
 School Psychology  
 (Specialist in Psychology Degree Program)  
 Federal Aviation Administration (FAA)  
 Aviation (Professional Flight)  
 (Baccalaureate Degree Program)  
 Kentucky Board of Nursing  
 Nursing  
 (Associate and Baccalaureate Degree Programs)  
 Kentucky Department of Education  
 School Psychology  
 (Specialist in Psychology Degree Program)  
 National Association for Sport and Physical Education  
 Physical Education, P-12 Teaching Option  
 (Baccalaureate Degree Program)  
 Public Relations Society of America  
 (Baccalaureate Degree Program; Public Relations Major)

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## MEMBERSHIPS

AACSB International - The Association to Advance Collegiate Schools of Business  
Academy of Criminal Justice Sciences  
Aircraft Owners and Pilots Association  
American Association of Airport Executives  
American Association of Colleges of Nursing  
American Association of Colleges for Teacher Education  
American Association of Collegiate Registrars and Admission Officers  
American Association of Educational Service Agencies  
American Association of Family and Consumer Sciences  
American Association of State Colleges of Agriculture and Renewable Resources  
American Association of State Colleges and Universities  
American Association of University Women  
American Association for Paralegal Education  
American College Health Association  
American Conference of Academic Deans  
American Correctional Association  
American Council for Construction Education  
American Council on Education  
American Council on the Teaching of Foreign Languages  
The American Dietetics Association General Dietetics  
American Driver and Traffic Safety Education Association  
American Historical Association  
American Hospital Association  
American Health Information Management Association Assembly on Education  
American Mathematical Society  
American Occupational Therapy Association  
American Political Science Association  
American Society of Allied Health Professions  
American Society of Human Genetics  
American Society for Training and Development  
American Statistical Association  
American Technical Education Association  
Associated Schools of Construction  
Association for Career and Technical Education  
Association for Computing Machinery  
Association of Education in Journalism and Mass Communications  
Association for Supervision and Curriculum Development  
Association for General and Liberal Studies  
Association for Gerontology in Higher Education  
Association for School, College, and University Staffing, Inc.  
Association of Departments of English  
Association of Departments of Foreign Languages  
Association of Environmental Health Academic Programs  
Association of Governing Boards of Universities and Colleges  
Association of Graduate Faculties in Public Health Nutrition  
Association of Schools of Journalism and Mass Communication  
Aviation Information Resources, Inc.  
Broadcast Education Association  
Broadcast Promotion and Marketing Executives Association  
College Art Association  
College Language Association  
College Placement Council, Inc.  
Conference of Southern Graduate Schools  
Council for Advancement and Support of Education  
Council of Applied Masters Programs in Psychology  
Council of Colleges of Arts and Sciences  
Council of Graduate Departments of Psychology  
Council of Graduate Schools  
Council on Aviation Accreditation  
Council on Social Work Education  
Flexographic Technical Association  
Graphic Arts Technical Foundation  
Graphic Communications Council  
International Graphic Arts Education Association  
International Reading Association  
International Technology Education Association

International Television Association  
Kentucky Academy of Science  
Kentucky Association of Department of English  
Kentucky Broadcasters Association  
Kentucky Council of Associate Degree Nursing  
Kentucky Occupational Therapy Association  
Kentucky Paramedic Association  
Kentucky Press Association  
Kentucky Recreation and Park Society  
Kentucky Tourism Council  
Mathematical Association of America  
Mid-South Educational Research Association  
Modern Language Association  
National Athletic Trainers Association  
National Association for Business Teacher Education  
National Association for the Exchange of Industrial Resources  
National Association for Foreign Student Affairs  
National Association of Advisors for the Health Professions  
National Association of College Admission Counselors  
National Association of College and University Attorneys  
National Association of Colleges and Teachers of Agriculture  
National Association of Industrial Technology  
National Association of School Music Dealers, Inc.  
National Association of Schools of Music  
National Association of Schools of Public Affairs and Administration  
National Association of Student Personnel Administrators  
National Collegiate Athletic Association  
National Collegiate Honors Council  
National Commission for Cooperative Education  
National Council of Arts Administrators  
National Council of Teachers of English  
National Environmental Health Association  
National Faculty Exchange  
National Fire Protection Association  
National Intercollegiate Flying Association  
National Intramural Recreational Sports Association  
National Juvenile Detention Association  
National League for Nursing  
National Organization for Associate Degree Nursing  
National Recreation and Park Association  
National Safety Council  
National Society for Experiential Education  
National University Continuing Education Association  
National Wellness Association  
Newspaper Association of America  
Screen Printing and Graphic Imaging Association  
Southeastern Airport Managers Association  
Southeastern Association of Advisors for the Health Professions  
Southeastern College Art Conference  
Southern Association of Colleges and Schools, Inc.  
Southern Association of Collegiate Registrars and Admission Officers  
Southern Association of Community, Junior, and Technical Colleges  
Southern Council on Collegiate Education for Nursing  
Southern Regional Education Board  
Southern Regional Honors Council  
Teacher Education Council of State Colleges and Universities  
Trainer of School Psychologists  
Travel and Tourism Research Association  
University Aviation Association



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