

## Eastern Kentucky University Encompass

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Undergraduate Catalog

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1-1-2006

# 2006-2007 Undergraduate Catalog

Eastern Kentucky University

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Eastern Kentucky University

# Undergraduate Catalog

2006-07



# Eastern Kentucky University

## Undergraduate Catalog

### 2006-2007



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### Table of Contents

<p><i>President and Board of Regents</i> ..... 1</p> <p><i>2006-2007 University Calendar</i> ..... 2</p> <p><i>Notifications and Federal Regulations</i> ..... 3</p> <p><i>FERPA</i> ..... 3</p> <p><i>Student Right-To-Know Act</i> ..... 5</p> <p><b>Section One - The University</b></p> <p>    Introduction ..... 7</p> <p>    History ..... 7</p> <p>    Mission Statement ..... 7</p> <p>    Core Values ..... 7</p> <p>    Institutional Goals ..... 8</p> <p>    Strategic Directions ..... 8</p> <p><b>Section Two - Admission and Residency</b></p> <p>    Admission ..... 12</p> <p>    Student Residency ..... 14</p> <p>    Residency Appeals Policy and Procedures ..... 19</p> <p><b>Section Three - Student Support and Services</b></p> <p>    Office of Financial Affairs and Treasurer ..... 23</p> <p>    Division of Student Affairs ..... 23</p> <p>    Student Services ..... 29</p> <p>    Services for Individuals with Disabilities ..... 33</p> <p><b>Section Four - General Academic Information</b></p> <p>    Academic Procedures and Regulations ..... 36</p> <p>    Degree Information ..... 46</p> <p>    Degree Requirements ..... 46</p> <p>    Baccalaureate Degrees ..... 46</p> <p>    Associate Degrees ..... 49</p>	<p>    Graduation ..... 49</p> <p>    Undeclared Students ..... 49</p> <p><b>Section Five - Academic Divisions</b></p> <p>    Accreditations and Memberships ..... 51</p> <p>    Academic Programs ..... 53</p> <p>    Office of Academic Affairs ..... 56</p> <p>    Office of University Programs ..... 57</p> <p>    Office of Enrollment Management ..... 62</p> <p>    College of Arts and Sciences ..... 65</p> <p>    College of Business and Technology ..... 89</p> <p>    College of Education ..... 111</p> <p>    College of Health Sciences ..... 122</p> <p>    College of Justice and Safety ..... 144</p> <p><b>Section Six - Course Descriptions</b></p> <p>    Course Prefixes ..... 151</p> <p>    Course Numbering ..... 151</p> <p>    Course Descriptions ..... 151</p> <p><b>Section Seven - Faculty Listing</b></p> <p>    Faculty ..... 216</p>
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#### INDEX

*This publication was prepared by Eastern Kentucky University  
and paid from state funds.*

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# University Calendar\*

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## FALL SEMESTER 2006

Aug	17	Residence halls open for new students.
	17	Advising period resumes.
	19	Residence halls open for returning students.
	21	Classes begin. Late registration begins.
	27	Last day to register for or add/drop full-semester classes. “Dropped” classes do not appear on transcript.
Sept	4	Holiday.
Oct	9-10	Fall Break
	13	Last day to “withdraw” with a “W” from a full-term semester class or from the University.
Nov.	21	Holiday begins at 9:00 p.m. Evening classes will meet.
	27	Classes resume.
Dec	4	“Pre-final examination week” begins.
	8	Regular class times end.
	11	Final examination week begins.
	16	Commencement exercises, 10:00 a.m and 3 p.m. Final examination week ends. Fall semester ends.

## SPRING SEMESTER 2007

Jan	10	Residence halls open.
	11	Advising period resumes.
	15	Holiday.
	16	Classes begin. Late registration begins.
	22	Last day to register for or add/drop full-semester classes. “Dropped” classes do not appear on transcript.
March	9	Last day to “withdraw” with a “W” from a full-semester class or from the University.
	12	Spring break begins.
	19	Classes resume.
April	30	“Pre-final examination week” begins.
May	4	Regular class times end.
	7	Final examination week begins.
	12	Final examination week ends. Spring semester ends. Commencement exercises, 10:00 a.m. and 3 p.m.

## SUMMER SESSION 2007

May	21	Classes begin.
	21	Ten Week Term (until July 27)
	21	1st Five Week Term (until June 22)
May	28	Holiday.
June	23	2nd Five Week Term (until July 27)
July	4	Holiday.
	27	Regular classes and finals end. Commencement exercises, 7:30 p.m.

**\*Please refer to the current Colonel's Compass ([www.eku.edu/compass/](http://www.eku.edu/compass/)) for additional information including drop/withdrawal dates, tuition refunds, final exams, etc.**

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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. Because the Undergraduate and Graduate Catalogs are published for a two-year period, the graduation rate information will be 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 nine decades 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 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

For more than a decade, a mission statement approved by the Council on Postsecondary Education (formerly the Kentucky Council on Higher Education) has guided the University (see last section). During the planning process, this mission statement was refined to be more succinct and to better reflect our role for strategic planning purposes. We are not replacing the CPE mission statement, but rather, we developed a mission statement to appear in the context of the 2006-2010 University Strategic Plan, "Moving Forward Together." The revised mission statement is:

**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, Dignity, Integrity**

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.*

**Strategic Directions/Program Priorities.** Eastern Kentucky University shall: continue its tradition as an educator of classroom teachers and school administrators; support the needs of Kentucky's business community; respond to appropriate societal needs and public policy objectives; and respond to the region's technical education needs. These strategic directions translate into a core of liberal arts baccalaureate degree programs, in addition to degree program priorities at the certificate (C), associate (A), baccalaureate (B), master's (M), and specialist (S) levels that may include the following: — (relevant categories from the Classification of Instruction Programs by level are included in brackets) — agricultural business (A, B - 01); conservation and renewable natural resources (B - 03); marketing (B - 08); communications (B - 09); computer and information science (B - 11); education (A, B, M, S - 13); engineering technologies (A, B, M - 15); home economics (B, M - 19); vocational home economics (A - 20); legal studies (A, B - 22); English and literature (M - 23); liberal arts (B - 24); biological sciences (B, M - 26); mathematics (B, M - 27); parks, recreation, and leisure (B, M - 31); physical sciences (M - 40); psychology (M, S - 42); protective sciences (C, A, B, M - 43); public administration and services (B, M - 44); social sciences (M - 45); precision and production trades (A - 48); transportation (B - 49); fine arts (B, M - 50); health professions (C, A, B, M - 51); and business management (A, B, M - 52).

**Enhancement of Instruction.** The primary mission of the University shall be to provide its students instruction of the highest possible quality. The University shall utilize information obtained through its assessment processes to enhance the quality of its instructional programs.

**Public Service and Research Functions.** The public service efforts of Eastern Kentucky University shall be designed to meet the needs of its service region and be related to its academic programs and capabilities. The continuing education requirements of the region's public school personnel and assistance in economic development should receive special emphasis. Research shall support the primary function of instruction, supplement the University's public service efforts, and advance knowledge in the subject matter areas with which the University is concerned. The University shall develop cooperative applied research and teaching programs using such resources as Maywoods, Lilley Cornett Woods, and Pilot Knob Sanctuary.

**Collaborative Ventures.** As a member of the Commonwealth's higher education system, it is incumbent on the University to cooperate with the other institutions, the Council on Postsecondary Education, and other state and federal agencies in fulfilling the strategic mission of higher education in Kentucky. This shall include the appropriate and efficient use of telecommunications technology, extended campuses, sites, and instructional locations. Further, to the extent possible, the University should foster articulation between its programs and those of other institutions, both public and private, which emphasize the transfer of credits from other institutions toward degree completion.

**Efficiency and Effectiveness.** Eastern Kentucky University shall insure that its resources are expended in a manner consistent with its mission. This shall include the promotion of cost effectiveness in academic programming and institutional management. Strategic planning shall include both the identification of programs which are no longer responsive to societal needs or are unnecessarily

duplicative of those of another institution and the development of carefully selected new programs compatible with this mission. Measures of quality and performance shall be integral to the University's assessment and accountability systems which promote continuous improvement of programs and services.

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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.

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.

### REQUIREMENTS FOR FRESHMAN FULL ADMISSION

- A. - graduate from an accredited high school, and earned a minimum cumulative high school grade point average of 2.0 on a 4.0 scale, or
  - receive a General Equivalency Diploma, or
  - complete an EKU approved home-school or distance learning high school program,
- B. - submit minimum ACT composite score of 18 (with no standard scores below 18) or SAT total score of 870 or higher,
- C. - meet the Kentucky Pre-College Curriculum
- D. - submit official copy of final high school transcript or GED exam results.

### PROVISIONAL ADMISSION

Provisional admission status will be granted to students who meet the requirements for full admissions in **A**, **B** and **D** above, but not **C**. Pre-college curriculum deficiencies must be remediated within the first 24 hours of enrollment excluding developmental hours.

### PROBATIONARY ADMISSION

- A. - graduate from an accredited high school and earned a minimum cumulative grade point average of 2.0 on a 4.0 scale, or
  - receive a General Equivalency Diploma, or
  - complete an EKU approved home-school or distance learning high school program, and
- B. - submit minimum ACT composite scores of 15, 16, or 17,
- C. - submit official copy of final high school transcript or GED exam results.

### SPECIAL ADMISSIONS

Students not meeting probationary admission 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 as approved through special admissions.

Collaborating retention support programs may include: Bridge Program/First Step to College Success, NOVA, Project Success, HCOP, Education Pays Center, Center on Deafness, Academic Monitoring through Multicultural Student Services, and Student Athlete WIN Program. Retention support programs will be reviewed and approved yearly based on their retention successes.

### REQUIREMENTS FOR INTERNATIONAL STUDENTS

International applicants must also submit:

International application for admission and application fee.

- (1) 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.
- (2) Declaration and Certification of Finances and a supporting bank letter, showing financial support to attend Eastern Kentucky University.
- (3) Official copies of your secondary/high school transcript or certification of completion of high school. **Photo copies are not accepted.**
- (4) 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.**
- (5) 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

**If you have not maintained continuous enrollment at Eastern Kentucky University, you must reapply for admission to the University.**

If you are eligible to reenroll at Eastern Kentucky University and have not attended another institution since leaving, you will be readmitted upon submitting an application for readmission.

If you left Eastern Kentucky University on social probation or suspension, you must be approved by the Office of Student Affairs before being readmitted.

If you have attended another institution since leaving Eastern Kentucky University, you will be considered for admission under the guidelines for transfer students above.

## 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. Jump Start Students

High school seniors in Eastern Kentucky University’s service region who have an interest in taking college-level course work while still enrolled in high school may enroll in the Jump Start program. Students may enroll in courses at any Eastern Kentucky University campus site including Richmond, Manchester, Corbin and Danville. Applicants must submit a Jump Start Recommendation Form to be eligible to participate in the program and must be in good academic standing with their high school in order to participate in the Jump Start Program. Tuition is waived for students participating in the program. Students are responsible for the cost of textbooks, parking permit, and any associated course fees.

### 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.

You must meet with an academic advisor to be advised and receive a RAC number;

- (2) 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 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:

<b>Code</b>	<b>Deficiency Area</b>	<b>Course(s) Required for Remediation</b>
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	English	with developmental requirements: ENG 095 without developmental requirements: ENG 101*
SOST	Social Studies	ECO 110*, GEO 101*, HIS 098, HIS 202*, HIS 203*, HIS 231*, HIS 232*
SCIE	Science	SCI 098, BIO 100*, BIO 102*, BIO 121*, CHE 100*, CHE 101*, CHE 105*, CHE 111/115*, GLY 102*, GLY 108*, GLY 172*, PHY 101*, PHY 102*, PHY 131*, PHY 201*
HEAL	Health	HEA 285, PHE 180
PHYS	Physical Education	PHE 180

ARTS Visual, Performing Arts 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, 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 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.
- (17) "Sustenance" means living expenses include room, board, maintenance, transportation, and also may include 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.
- (2) A presumption arising from subsection (1) of this section shall be overcome by presentation of evidence that is 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.
- (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 the time of active service; or
  - (b) If the member, spouse, or dependent returns to this state within six (6) months of the date of the member's discharge from active duty.
- (2) (a) A member, spouse or dependent of a member of the Armed Forces of the United States stationed in Kentucky on active military orders shall be considered a Kentucky resident while the member is on active duty in this state pursuant to those orders if the member is not:

1. Stationed in Kentucky for the purpose of enrollment at an institution; or
  2. On temporary assignment of less than one (1) year.
- (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
- (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 the same 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 visa status based on a 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.
- (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) Long-term lease of at least twelve (12) consecutive months of noncollegiate housing;
  - (k) Marriage of an independent student to a person who was domiciled in and a resident of Kentucky prior to the marriage;
  - (l) Continued presence in Kentucky during academic breaks; and
  - (m) 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; and
  - (c) Registration as a Kentucky voter.
- (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.
- (5) 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.

**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) 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 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. Request 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 Assistant 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 Assistant 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 Support and 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) student accounting services, 3) and purchases and stores.

Students may view the mission statement of each of the above areas by visiting the Office of Financial Affairs and Treasurer web page [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/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 homepage 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><u>Time Period*</u></b>	<b><u>Refund</u></b>
During ADD/DROP period for any class (for full semester classes=1st week)	100%
From end of 1st week thru end of 2nd week of class	75%
From end of 2nd week thru end of 3rd week of class	50%
From end of 3rd week thru 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 and/or parent(s) of students who feel that individual circumstances warrant exceptions from published policy. Request for an appeal should be addressed in writing to the Director of Student Accounting Services.

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.

## DIVISION OF STUDENT AFFAIRS

The Division of Student Affairs assists students in all aspects of their EKU experience, which involves services, programs, and learning experiences, gained through out-of-classroom activities. Student Affairs interacts with students through organized services and programs to create a campus responsive to individual student needs. 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 following departments and areas are part of the Division of Student Affairs: 1) Bookstore, 2) Career Services, 3) Counseling Center, 4) Dining Services, 5) Extended Campus Student Affairs, 6) First Year Experience, 7) Greek Affairs, 8) Meditation Chapel, 9) Multicultural Student Affairs, 10) Parking & Transportation Services, 11) Police, 12) Recreation and Intramurals, 13) Student Health Services, 14) Student Involvement and Leadership, 15) University Housing, and 16) Volunteerism.

### **EKU Bookstore - Keen Johnson Building**

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

[www.eku.bkstore.com](http://www.eku.bkstore.com)

The 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 Pride wear, textbooks, and much more. It offers a wide variety of products, services, and events including:

- Largest selection of USED textbooks
- Class supplies
- Trade books and magazines
- Convenience items
- Largest selection of officially licensed EKU gear
- Backpacks
- Textbook reservations
- Barnes & Noble gift cards
- Book signings
- Book reservations for upcoming releases
- 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.

### **Career Services ([www.career.eku.edu](http://www.career.eku.edu))**

Student Services Building 465

Phone: (859) 622-1568 Fax: (859) 622-1570

E-Mail: [career@eku.edu](mailto: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 students can do with a major...career paths, supply and demand, destinations of past graduates, salaries, and potential employers. 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 allows students to get connected with the community by listing part-time jobs, temporary and summer assignments 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, seminars, career fairs and other resources to help students with career preparation. These areas include resume and cover letter writing, tips on job search strategies, internet job posting, professional dress, dining etiquette, interviewing skills and assistance in identifying and connecting with potential employers.

**EKU eRecruiting**

This easy-to-use and innovative system gives students and alumni greater access to career resources for career exploration and job searches. EKU eRecruiting provides students and alumni with the ability to submit resumes to targeted online resume books, access to current internship and job listings, and ongoing notification of on-campus interviews and job fair opportunities.

**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. Substance abuse assessment and counseling are also available at the Counseling Center. Referral services are provided when the need is beyond the role and scope of the Counseling Center. Psychiatric services are available on a limited basis. Counseling relationships are considered confidential as delineated by the APA Code of Ethics and Kentucky state law. Current students are eligible for counseling services at no additional charge.

**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 major. Students can make appointments by calling 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”**

Additional services of the Counseling Center include workshops designed to address top student issues. This is a workshop series offered to students on stress management, procrastination, time management, 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. Guidelines for faculty on how to identify troubled students and referral to the Counseling Center can be found at [www.counseling.eku.edu/faculty\\_staff/referring\\_students.php](http://www.counseling.eku.edu/faculty_staff/referring_students.php).

**Dining Services**

17 Powell Building  
Phone: (859) 622-3691 Fax: (859) 622-6226

Colonel 1 Card Office  
1st Floor Powell Building  
Phone: (859) 622-2179 Fax: (859) 622-6226

EKU Dining Services provides food services to Eastern Kentucky University through the residence-dining program, retail operations, catering, and athletic concessions. It is the goal of both EKU Dining Services and Eastern Kentucky University to maintain high-quality food service for residence hall students and the campus community.

The Residence Dining program operates two dining facilities: the Fresh Food Company and the Stratton Cafe. There are also many retail food operations that are housed on Eastern Kentucky University's campus. The Fountain Food Court blends Aramark's signature Izzi's Southwest, Home Zone, Montague's Deli, an Bene Pasta & Pizzeria with Burger King, Chic-fil-a, Java City, and Freshens national brands. Java City at the Crabbe Library offers gourmet coffees, smoothies, bakery items, and quick service grab-and-go salads and sandwiches. In addition EKU Dining Services operates a convenience store and Blimpies Subs, located in the Martin Hall. It is open until midnight to accommodate students with evening classes.

EKU Dining Services also facilitates full-service catering for over 2500 functions annually. The dedicated catering staff provides a variety of services to both on-campus and off-campus sites.

EKU Dining Services and Eastern Kentucky University remain committed to enhancing the overall campus environment. Tremendous emphasis is placed on actively measuring customer satisfaction, responding to changing environments, and striving for continuous improvement.

**Student Identification Card (Colonel One Card Office)**

When a first-time student registers at Eastern Kentucky University, the student is given a combination identification - activity card bearing the student's photograph and student identification number. Students must carry their I.D. cards at all times and produce them when requested by members of the University staff. The cards are used when withdrawing books from the library, cashing checks, gaining entry into their assigned residence hall and at University activities. Students are liable for disciplinary action for misuse of I.D. cards.

A fee will be charged for replacement if an I.D. card is lost. The loss of a card must be reported immediately to the Office of Student Life, Powell Student Center, room 128.

### **Extended Campus Student Affairs**

The Extended Campus Student Affairs Office serves as a student affairs liaison between the extended campuses and the main campus. Through this office, students attending the Corbin, Danville and Manchester campuses are provided quality programs and services that promote learning opportunities and leadership experiences to enhance personal development and academic success. Programs and services are offered at each of the extended campuses based on needs of that specific student body. The Extended Campus Student Affairs Office strives to create an inclusive environment with all campuses, promoting a sense of belonging among all members of the ECU extended campus community. The Extended Campus Student Affairs Office is located on the Richmond campus in the Student Services Building, Room 540, with satellite offices located at the Corbin, Danville, and Manchester campuses.

### **First Year Experience**

Student Services Building 310

Phone: (859) 622-1682

E-Mail: 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 services that aid in the transition to college 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 take placement exams and register for their first-semester classes. Representatives from many areas will be 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 including a one-day or day and a half program.

### **New Student Days**

The New Student Days program is phase two of the first-year experience at Eastern Kentucky University. New Student Days is held a few days before classes begin in August. At this time, all new students are able to move into the residence halls before the returning students arrive.

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, comedians, and lots of free food are just some of the highlights! Students also have time to get books for classes, find classrooms, meet with faculty and get advice from current students. All new students are required to attend.

### **Orientation Courses**

The orientation course is phase three of the first-year experience for Eastern Kentucky University students. The course is either one or three credit hours and is offered to all new students. This course serves as an overview of college life. Topics covered in the course include academic policies, adjusting to college, finance management, time management, and career development. The orientation course also serves as an important first step to learning about studying, note-taking and succeeding in the classroom.

### **EKU Reads Project**

The ECU Reads project is a summer reading assignment given to freshmen the semester prior to their enrollment. It is designed to provide new students with a common introduction to academic life at Eastern Kentucky University. All incoming freshmen receive a free copy of the selected book at Orientation. Each fall semester Eastern Kentucky University engages in a campus-wide discussion of the book during New Student Days. The ECU Reads project is facilitated by a faculty committee with a faculty chair who works with First Year Programs.

### **Family Connections**

Families are an important part of a student's success at Eastern Kentucky University and the First Year Programs Office provides a connection for parents and other family members to answer questions, provide information, and help resolve problems.

### **Greek Affairs**

Powell Student Center 128

Phone: (859) 622-3855 Fax: (859) 622-6598

[www.studentlife.eku.edu/greek\\_affairs](http://www.studentlife.eku.edu/greek_affairs)

It is the vision of the Eastern Kentucky University Greek community to pursue a common goal of excellence through scholastic achievement, cooperation, and service to others. This vision shall be obtained by maintaining a positive attitude and respecting the ritual of each fraternal organization.

### **This is What It's All About**

### **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.

### **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.

### **Philanthropy**

All sororities and fraternities sponsor national and local philanthropies such as scholarships, fellowships, and research grants. Also many national health related organizations benefit from the service and fund-raising efforts of Eastern Kentucky University Greek members.

**Social**

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

**Campus Activities**

Eastern Kentucky University Greeks take an active role in campus-wide activities. Participation and involvement in all areas of campus life are essential to the development of a well-rounded student.

**Athletics**

The Greek community at Eastern Kentucky University provides the opportunity for you to participate in numerous athletic activities, such as intramurals and events.

**Greek Week**

Each spring semester the Greek community of Eastern Kentucky University celebrates Greek Week. Some Greek Week activities include an all-Greek inspirational service, Greek Sing, philanthropy projects, kids carnival, faculty/staff appreciation, community appreciation lunch and Greek games.

Eastern Kentucky University's Greek community has been growing since the 1970's and continues to reach new heights today. Being a part of a social Greek organization will offer many opportunities.

**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. 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**

Student Services Building 530  
Phone: (859) 622-4373 Fax: (859) 622-2402  
[www.studentaffairs.eku.edu/multicultural/](http://www.studentaffairs.eku.edu/multicultural/)

Multicultural Student Affairs is an office that seeks to bring issues of cultural identity to the foreground of campus conversation through programs and services. As a division of Student Affairs, this office exists primarily to serve all students as they question personal and collective notions of race, ethnicity, and culture. Multicultural Student Affairs hopes to enhance the student experience by encouraging the utilization of campus resources, participation in campus life, understanding and respecting cultural differences, and promoting tolerance and inclusiveness.

The Office of Multicultural Student Affairs is actively engaged in collaboration efforts on campus. The office sponsors many programs including:

- Cultural Awareness Month
- Mix-It-Up Lunch
- Hispanic Heritage Fiesta
- Interfaith Unity Breakfast
- UnityFest
- NPHC Step Show
- Women and AIDS Series

The office also supports the efforts of various Eastern Kentucky University student organizations such as the Student African American Brotherhood (S.A.A.B.), Black Union, FUSION (Multicultural Club), Eastern Kentucky University Gospel Ensemble, OWLS (Older Wiser Learners), Pride Alliance, International Student Association and the National Pan-Hellenic Council (NPHC): Alpha Kappa Alpha, Delta Sigma Theta, and Zeta Phi Beta.

**Parking/Transportation Services**

Brockton 400  
Phone: (859) 622-1063 (Parking) (859) 622-1061 (Transportation)  
Fax: (859) 622-2243

The mission of the 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. We shall accomplish this mission 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.

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

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

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

**Eastern Kentucky University Police**

Brewer Building

Phone: (859) 622-2821 Fax: (859) 622-6279

[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 has jurisdiction over all campus owned, leased or controlled property. 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 24 sworn police officers, 3 dispatchers, 1 records office associate, and 7 student cadet officers. Police cruisers patrol campus and are highly visible along with bicycle patrol and foot patrol officers. The campus police department also houses a full time investigative detective who heads primary investigations and works 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.

**Recreation and Intramurals**

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. These are four areas within Campus Recreation: facilities, fitness, adventure programs, and intramurals.

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 room
- Locker rooms

- Multipurpose gymnasiums
- Indoor track
- Climbing wall
- Student lounge with computers and big screen television

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
- Toning
- Group Cycling
- Cardio Conditioning

Adventure programs offers outdoor trips ranging from an afternoon to a week (or more), teambuilding on Eastern Kentucky University's Challenge Course, 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.

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 students. Examples of activities we offer are flag-football, soccer, volleyball, corn hole, dodge ball, golf, basketball, and much, much more. There are also numerous individual and dual events.

**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 clinic
- Allergy shots
- Laboratory

- Family planning clinic
- Immunizations
- X-Ray
- Tuberculosis skin testing
- Health education
- Pregnancy
- AIDS

#### **Health Education Action Team (H.E.A.T.)**

H.E.A.T. is a team of peer educators whose mission is to educate fellow students on healthy lifestyle choices, concentrating on issues pertinent to college students, by organizing events, holding presentations, and collaborating with other departments both in and out of class. Some of the issues addressed by the Department of Health Education include:

- Weight management
- Nutrition/counseling
- Exercise program
- Healthy relationships, domestic violence, and sexual assault (MARS)
- Sexually transmitted diseases
- Alcohol and substance abuse (in cooperation with Alcohol Beverage Control)
- Stress management
- Tobacco use

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 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 nine different categories:

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

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, consultations and a resource center.

#### **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.

#### **Leadership Course (GSD 225)**

This seminar course is designed to introduce current and emerging leaders to leadership theory and development. Information will be provided through group activities, guest speakers, role playing, class discussions, and assignments.

#### **E-LEAD Eastern's Leadership Education and Development**

E-LEAD is a leadership development initiative that has been created by Student Affairs professionals and focuses on the personal growth of young aspiring leaders. To strengthen registered student organizations, E-LEAD also provides ongoing developmental workshops and activities. All Eastern Kentucky University students have the opportunity to participate.

#### **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, or having fewer than 60 credit hours 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 requesting commuter status must complete a commuter application through University Housing.

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. Digital cable is also available at an extra cost. To order digital cable, please contact Adelphia Cable once on campus.

#### **Phone Services**

Basic phone service is provided for all residents. Each room comes equipped with one phone line. Residents are asked to provide their own phone. In order to dial long distance, students may use the campus provider or any calling card.

#### **Laundry Rooms**

Several coin operated washers and dryers are located in every residence hall.

#### **ResNet**

All rooms come equipped with two high-speed internet connections. For more information about equipping your computer for Internet access, visit [ww.resnet.eku.edu](http://ww.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 coin operated vending machines.

Social, educational, and service-learning programs are offered and organized by University Housing staff in all 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 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:** Commonwealth Hall and Martin Hall

**Female Residence Halls:** Burnam Hall, McGregor Hall, Telford Hall, and Walters Hall

**Coed Residence Halls:** Case Hall, Clay Hall, Combs Hall, Dupree Hall, Keene Hall, Palmer Hall, Sullivan Hall, Todd Hall, and Brockton apartments

**Office of Volunteerism**

Student Services Building 532

Phone: (859) 622-2642

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

The Office of Volunteerism is responsible for planning several University wide service projects as well as serving as liaison to other community service events throughout Madison County. The Office of Volunteerism serves as a liaison to Madison County's Promise, an organization that allows Eastern Kentucky University students ample volunteer and service-learning opportunities. Students may sign up on the volunteerism list-serv to learn about opportunities to serve throughout the Richmond and surrounding communities.

**STUDENT SERVICES****The Alumni Association**

The Eastern Kentucky University National 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 National Alumni Association is served by a board of 26 alumni volunteers 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 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**

ITDS (Information Technology and Delivery Services) 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, many 24 hours per day. 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, and the Student Services Building.

ITDS Helpdesk provides information and solutions to computer-related problems. Please call (859) 622-3000 or come to Combs Classroom Building Room 207 to contact a Consultant.

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.

Printing Services 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, color copying, laminating, and 3-hole punching) is available at a reasonable cost. Projects can be processed from most desktop publishing and word processing software.

EKUDirect is an ITDS 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.

ITDS provides e-mail and web space for personal web sites to all students. ITDS 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 <http://www.eku.edu>. Information is also available via the web about how to change/reset your password.

Wireless access is now available in all academic buildings. The wireless network is based on the 802.11g standard and provides up to 54Mbps connectivity. Access to the wireless network requires the use of a client software package called Aegis. The Aegis Client provides secure network login (using your E-key username and password) and provides encryption of your network traffic. The Aegis Client is available at no charge to University faculty, staff, and students.

ITDS provides high speed internet access (no wireless as of yet) in all of the residence halls (ResNet) and free computer anti-virus software. For computers to be used in the residence halls, ITDS recommends the following:

**Required Equipment**

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

**Minimum Computer Requirements***Windows Compatible (Desktop/Laptop)*

400 MHz Processor or better (Pentium, Celeron, AMD)  
64 MB RAM (Windows Me)  
128MB RAM (Windows 2000 or XP)  
8GB Hard Disk with 1GB free disk space  
Windows Me/2000/XP (Home, Professional, or Media Edition\*)  
CD-ROM, USB, and/or 3.5" floppy  
Symantec Anti-Virus software\*\*

*Macintosh (Desktop/Laptop)*

Power PC or better Processor  
System 8.5 or greater running Open Transport 1.1 or above  
32 MB RAM  
500 MB free disk space  
CD-ROM and/or 3.5" floppy  
Symantec Anti-Virus software\*\*

\*We strongly recommend Windows XP Professional. Ninety percent of all computers connected to ResNet use Windows XP.

\*\*May be downloaded free from EKU once connected to ResNet.

In support of student learning, seven computer classroom laboratories maintained by ITDS are available for reservation by instructors to enhance the classroom experience of their students. ITDS 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.

**Entitlements**

The **VETERANS PROGRAM** at Eastern Kentucky University is approved by the Kentucky Approving Agency for Veterans Education for the education of veterans and their eligible dependents. Students concerned with veterans training should have, at the time of registration, a certificate of eligibility. This is secured from the regional office of the Veterans Administration. The University is responsible for the completion of certain Veterans Administration forms and the other necessary information about students who receive this aid.

If you have completed courses while in the armed forces, ask the Registrar about the possibility of receiving credit for such courses.

**VETERANS ADMINISTRATION BENEFITS.** War orphans, widows, children and wives of deceased and disabled veterans should contact the Veterans Administration, 600 Federal Place, Louisville, Kentucky (phone 1-800-827-1000). Application forms are available in the EKU Office of Veterans Affairs. For information concerning tutorial assistance or refresher courses, contact the Office of Veterans Affairs at Eastern Kentucky University in the Student Services Building, Room 251. The telephone number is (859) 622-2345.

**VOCATIONAL REHABILITATION.** This program offers assistance for students with physical disabilities of various kinds. The telephone number is (502) 564-7172 or toll free 1-800-372-7172. For more information about eligibility criteria call the Department of Voc Rehab at (502) 564-7172.

**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 \$4,050 for 2006-2007. The minimum grant is \$400.

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 usually \$800 for the academic year.

The **COLLEGE ACCESS PROGRAM** grant is awarded to eligible Kentucky residents. The amount of this grant is determined by the Kentucky Higher Education Assistance Authority (KHEAA). It varies each year. It is given to students enrolled for a minimum of six hours. It is awarded for \$79 per credit hour. Full-time students will receive \$950 per semester, \$1,900 for the 2006-2007 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, 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 and, if appropriate, 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](mailto:admissions@eku.edu). Scholarship applications are available online at [www.scholarships.eku.edu](http://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, 2006.



**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, activity fee, double occupancy residence hall room, 19-meal per week board 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 automatically to scholarship applicants that are National Merit Semifinalists and students with an ACT Composite score of 31 or higher and a minimum high school grade point average of 3.75.

**Benefits and Conditions:**

Provides an award equivalent to in-state tuition, activity fee, double occupancy residence hall room, and 10-meal per week board plan. Requires maintenance of a 3.0 grade point average and full-time status for retention.

**EKU FOUNDERS SCHOLARSHIP****Recipients:**

Awarded automatically to persons with ACT composite scores of 29 or 30 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 student activity fee plus double occupancy residence hall room. Requires maintenance of a 3.0 grade point average and full-time status to retain.

**REGENTS SCHOLARSHIP****Recipients:**

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. If the acceptance response indicates an eligibility for a higher award as described in this section, the scholarship will be upgraded. 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.

**Benefits and Conditions:**

Provides equivalent of in-state tuition and student activity fee. 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 Office of Scholarships. Awards to transfer students are for four semesters.

**Benefits and Conditions:**

Provides one-half of the equivalent of in-state tuition and student activity fee. Requires maintenance of a 2.5 grade point average 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 3.0. 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.

**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 received by contacting the Office of Scholarships by phone (859) 622-8032 or via the web at [www.scholarships.uky.edu](http://www.scholarships.uky.edu).

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

Students completing their freshman year with a 2.5 grade point average or better and returning for the following fall term may apply for the 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.

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## **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 SUBSIDIZED STAFFORD 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 variable. It is set each year based on the 91 day Treasury bill plus 2.5 percent. Contact the Division 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 Stafford Loan borrowers (subsidized as well as unsubsidized) must complete entrance counseling before their loan applications can be certified. Counseling can be completed on the Web. Go to [www.finaid.eku.edu](http://www.finaid.eku.edu) and click on the KHEAA Entrance Loan Counseling link.

The **FEDERAL UNSUBSIDIZED STAFFORD LOAN PROGRAM** is not based on need. It has the same interest rate as the Federal Subsidized Stafford Loan Program, but the student is responsible for paying the interest on this loan.

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

First Year Students - \$2,625 is the annual loan limit for the unsubsidized and subsidized Stafford Loan program. The U.S. Department of Education requires the school to hold all first time Stafford Loan disbursements for 30 days after the beginning of the semester.

Second Year Students - \$3,500 is the annual loan limit a student can borrow.

**NOTE:** This is the maximum amount (\$3,500) that a student working on an Associate Degree is eligible to receive.

Third and Fourth Year Students - \$5,500 is the annual loan limit.

Graduate Students - \$8,500 is the annual loan limit.

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

Freshman/sophomore maximum loan limit - \$4,000

Junior/senior maximum loan limit - \$5,000

Graduate student maximum loan limit - \$12,000

Keep in mind that the unsubsidized Stafford and the subsidized Stafford 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 Subsidized or Unsubsidized Stafford 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 Stafford Loan program is determined. The Division of Student Financial Assistance will certify the loan and electronically submit the information to Kentucky Higher Education Assistance Authority (KHEAA). If the student has a signed Master Promissory Note (MPN) on file at KHEAA, 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 KHEAA, an MPN must be signed electronically at [www.kheaa.com](http://www.kheaa.com).

Post-Baccalaureate Students - Students returning to work on a second undergraduate degree are not automatically eligible for the senior annual loan limit of \$5,500. Each student must submit documentation which indicates how many hours that student has toward the second degree.

The **FEDERAL 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 has a good credit history, the loan is usually approved. The interest rate is variable, tied to the 52 week Treasury bill plus 3.10 percent. Interest begins to accrue 60 days after the parent borrower receives the loan check. If the parent has a signed Master Promissory Note (MPN) on file at KHEAA, 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 KHEAA, an MPN must be signed electronically at [www.kheaa.com](http://www.kheaa.com).

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 and a good credit rating. 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 216 must be completed. Allow at least two days for processing.

The loan must usually be repaid within four weeks and you are charged an interest rate of 6 percent or \$2 (whichever is greater). 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.

**Office of Services for Individuals with Disabilities**

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 Assistant Director and Coordinator of the Disabilities Office, is 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 appropriate Coordinators with current disability documentation. Guidelines for documenting a disability are available at the office and on the office web site, <http://www.disabled.eku.edu>. Services are determined on an individual basis and may include but are not limited to: notetakers, books on tape, use of assistive technology, equipment loan, building accessibility information, academic/test accommodations, handicapped parking and individual appeal cases.

Applications for **Project Success**, a comprehensive program for students with specific learning disabilities 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: notetakers, 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 <http://www.disabled.eku.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.

A Transition Specialist provides services geared towards assisting deaf/hard of hearing students in achieving college success. The specialist is located in Case Annex, room 202. Appointments are made by calling (859) 622-8456 (V/TDD) or stopping by the office.

**ADA/504 Coordinator**

The Director/ADA/504 Coordinator is located at the Turley House, room 101. Appointments with the Coordinator are made by calling (859) 622-1500 (V/TDD). 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>.

**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, and hearing problems.
2. Assessment and treatment of articulation disorders, phonological delays, delayed or disordered language, stuttering, voice disorders including laryngectomy, 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 retardation, 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.
4. Speech improvement 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 manager 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 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.eku.edu](http://www.parking.eku.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.

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. After 7:00 p.m., parking zone restrictions are not enforced in non-residence hall lots.

Visitors may obtain temporary permits from the Parking Office located in 400 Brockton, Monday-Thursday 7:30 a.m. to 5:00 p.m. and Friday 7:30 a.m. to 4:30 p.m. Visitor permits are also available from the Division of Public Safety located in the Brewer Building from 5:00 p.m. to 7:30 a.m., seven days a week.

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## **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

## ACADEMIC PROCEDURES AND REGULATIONS

Students must become familiar with all regulations and procedures required in their program. In no case should they expect waiver or exception to published program requirements because they were unaware of the regulation or because an advisor or other authority did not directly present the information. All students should become familiar with the General Academic Information section of the *Catalog* and the specific college and departmental program requirements.

### Academic Honesty

The University faculty have the right to expect students to adhere to the principles of academic honesty.

Therefore, academic dishonesty will not be tolerated. Depending upon the seriousness of the infraction, students found guilty of plagiarizing or cheating will be sanctioned in any of several ways. These normally range from receiving a failing grade on the assignment to being assigned a failing grade in the course; however, if the case is assigned to the Student Disciplinary Council, stronger sanctions are possible.

For a full description of what is considered plagiarizing and cheating, refer to the section entitled Academic Honesty Policy in the *University Handbook for Students*.

### Colonel's Advising and Registration Equals Success (CARES Report)

CARES reports are available to students and advisors online via EKU Direct (student web and faculty web.) It shows the requirements for the 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 the CARES report.

### 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 their 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.

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.

### Change/Declaration of Major or Minor

Undergraduate students who wish to change their major or minor should access the Change of Major/Minor request form at [www.advising.eku.edu/changemajor](http://www.advising.eku.edu/changemajor). Students should submit the completed form to the Office of Academic Advising. When students change their major, they will be assigned a new advisor for the declared major.

### Class Attendance

The University expects all students to attend class regularly. 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. It is the student's responsibility to initiate the request to make up class work missed.

### 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

### Correspondence Credit

Students with a 2.0 grade point average (GPA) or higher may earn up to 32 semester hours of credit through correspondence courses for a baccalaureate degree and 16 semester hours for an associate degree. Students majoring in the College of Education are required to have an overall GPA of 3.0 to be considered for enrollment in a correspondence course. Students who wish to enroll in a correspondence course should confer with the Office of Continuing Education and Outreach and read the *Correspondence Course Bulletin* for policies and restrictions.

### Credits Accepted

Eastern Kentucky University accepts credits transferred from regionally accredited postsecondary institutions and credits earned by examination, and it awards credits for certain types of military experiences. 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 (i.e. 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.

### Credit-By-Examination

To demonstrate competence attained through educational experiences other than university instruction, students may attempt to earn academic credit by examination in certain undergraduate courses. Following are the conditions which apply to receiving credit-by-examination credit:

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. A student may not earn credit-by-examination in a course the student has failed.
4. A student may attempt to earn credit-by-examination in a course only once.
5. 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.
6. Special fees are assessed for credit-by-examination and must be paid prior to taking an examination.
7. 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.
8. 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.
9. 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.
10. EKU students with more than 45 credit hours must have an overall GPA of 2.0 and the approval of the Assistant Vice President for Enrollment Management to attempt credit-by-examination of courses at the 100-299 level.
11. 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.

### 1. 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 327. 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 <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.

### 2. 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).

<b>Test Score Code</b>	<b>APP Test</b>	<b>Minimum Score</b>	<b>Credit Hours</b>	<b>Course</b>
APAH	Art History	3	3	ART 200
APB	Biology	3	4	BIO 121
APMA	Calculus AB	3	4	MAT 124
APMB	Calculus BC	3	8	MAT 124, 224
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	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

### 3. 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 111/115
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 101 or 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
Information 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
Social Anthropology	SL/HL	4	3	ANT 120
Spanish	SL	5	6	SPA 101, 102
Spanish	HL	5	12	SPA 101, 102, 201, 202

### 4. 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. 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).

### Curriculum Guides

Curriculum guides for each program can be found either by accessing the department web site or by going to the department

office. 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.

### 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:

<b>Hours Attempted with Regular Grading</b>	<b>Minimum GPA</b>
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.

### Developmental Education Description, Requirements, and Policies

The developmental education 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. At Eastern Kentucky University, all students must demonstrate basic skill proficiencies in the areas of reading, writing, and mathematics as determined by ACT, SAT, and placement test scores. Since these proficiencies are determined by the ACT or SAT tests, all students are responsible for having ACT scores and subscores on file at the University. A student whose ACT subscore is less than 18 in a basic skill area is considered developmental for that area. Students with SAT total scores less than 870 are considered developmental in all three areas. In the case of transfer students, the University considers course work at the previous institution. Before confronting a rigorous academic program, students identified through testing as needing additional help in these basic skill areas are placed in developmental courses designed to improve their skills. Placement in and successful completion of these courses is required of students who do not demonstrate proficiency with ACT, SAT, or placement test scores. Listed below are developmental courses offered at Eastern Kentucky University. Please see Section Six of this *Catalog* for descriptions of these courses.

ENG 090 (Basic Writing)  
 ENG 095 (Developmental Composition)  
 ENR 090 (Developmental Reading I)  
 ENR 095 (Developmental Reading II)  
 MAT 090 (Prealgebra)  
 MAT 095 (Developmental Algebra I)



MAT 098 is the course designated to meet the Kentucky Pre-College Curriculum (PCC) requirement for high school Algebra II. Some students also take MAT 098 to prepare for MAT 107. MAT 098 is not required of students needing to meet developmental mathematics requirements.

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 such purposes as financial aid eligibility and full-time student status.

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.

### Developmental 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 in the first semester of enrollment.
- 2) All full or part-time students with developmental requirements, identified by the ACT and local placement testing, are required to enroll in the specified developmental course(s) during their first and each subsequent semester of enrollment, including summer, at EKU 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.
- 4) Students with developmental requirements are allowed a maximum of two consecutive terms of University enrollment to successfully complete each required course.
- 5) Students with developmental requirements must complete all required developmental courses by the end of the term in which they attempt their 45<sup>th</sup> credit hour, including developmental hours. Withdrawal from a developmental course counts as one semester of University enrollment toward the attempted completion of developmental requirements.
- 6) Students not completing developmental requirements as outlined above will be developmentally dismissed from the University until the developmental deficiencies are remediated by some alternative means such as taking the appropriate course(s) at another institution or demonstrating proficiency with ACT scores.

### Restrictions with Developmental Requirements

- Students with two or more developmental area requirements are enrolled as “Undeclared” majors. The Office of Academic Advising will assist these students in creating linkages to the departments of their intended majors.
- Students with two or more developmental area requirement are restricted to 12 hours of University enrollment, unless otherwise specified by admission status.
- Students with developmental requirements cannot enroll in MAT 105 (Applications of Mathematics), MAT 106 (Applied Finite Mathematics) or EDF 103 (Introduction to Education) until all developmental requirements are remediated.

- MAT 090 (Prealgebra) is a prerequisite for any course with the following prefixes: AST, BIO, CHE, CIS, CNM, CSC, FOR, GLY, NAT, PHY, SCI, or STA.

### 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.

### Double Major

A student pursuing an associate or baccalaureate degree may consider a second major at the same degree level. If the student completes the second major by the time the degree is conferred, it will be recorded on the student’s official transcript. Students interested in a double major should contact the Office of Academic Advising or the departments of interest for additional information.

### 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.

**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.

**Grading System****1. 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
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+," "A," "A-," "B+," "B," "B-," "C+," "C," "C-," "D+," "D," "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.

An instructor shall assign a grade of "I" if the instructor believes that the student has been unable to complete the course on time because of unavoidable conditions. 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 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."

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.

**2. 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 Office of the Registrar 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 Office of the Registrar. 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.

**3. 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.

**4. 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 Office of the Registrar 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 Office of the Registrar, 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.

## 5. 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.

## 6. 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 in the taking will replace those of the 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 EKU. 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.

## 7. Equivalent Courses (may or may not be cross-listed in the schedule).

Equivalent or cross-listed courses are those which credit will be earned for just one course. 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 in the new major. In that instance, credit for the first taking will be removed.

## 8. Grade Change

All grade changes must be made by the following deadlines: for fall semester grades - the last day of classes for the following spring semester; and for spring and summer semester grades - the last day of classes for the following fall semester.

## 9. 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.

## 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) or at Lexington Community College (LCC) 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 or LCC are also considered to be *general education certified*. Students, however, are subject to any specified general education courses required by the major.

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 or LCC 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).

#### 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.

#### Military Credits

Students may receive Military Science and Leadership course credit for having completed Basic Training (BT) and Advanced Individual Training (AIT). 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 and a waiver of the two-semester physical education requirement.

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.

#### Minimum Scholastic Standards

Students are expected to maintain at least a 2.0 cumulative grade point average (GPA). The conditions and actions described below pertain to students whose GPA's fall below 2.0.

- A. **Academic Warning** - A student will be on academic warning when his or her cumulative GPA is less than 2.0 but is above the value listed below for the number of hours the student has attempted. A student on academic warning may enroll for a maximum of 16 credit hours during a fall or spring term and a maximum of 6 hours during summer session.
- B. **Academic Probation** - A student will be on academic probation when his or her cumulative GPA is less than the value listed for the number of hours the student has attempted.

<u>Hours Attempted</u>	<u>Cumulative GPA</u>
9 - 32	1.5
33 - 64	1.7
65 - 80	1.9
More than 80	2.0

A student on academic probation may enroll for a maximum of 13 credit hours during a fall or spring term and a maximum of 6 hours during a summer term. A student will be removed from probation after the probationary semester by raising his or her cumulative GPA above the listed value. If the student does not do so, he or she may be continued on probation by earning a semester GPA of at least 2.2 during a probationary semester.

**Special Notice:** Students having difficulty meeting the Scholastic 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.

- C. **Dismissal** - A student will be dismissed from the University following a probationary semester in which he or she is neither removed from nor continued on probation (see above). The dismissal period for a first dismissal following a fall semester is the spring semester; following a spring semester it is the summer and fall semester. The dismissal period for a second dismissal is one calendar year and for a third dismissal two calendar years, after which the dismissed student may be eligible for academic bankruptcy.

During a dismissal period, a student will be ineligible to enroll for any credits at Eastern Kentucky University; furthermore, the University will not accept any transfer course work earned during this period.

A student with a first dismissal under this policy may appeal the dismissal in writing to the University Readmission Appeals Committee if the student believes the dismissal was the result of catastrophic circumstances beyond his or her control. There is no appeal with second or subsequent dismissals.

## **Preprofessional Curricula**

### **1. 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.

### **2. "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.

### **3. Other Preprofessional Curricula**

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

Pre-Engineering .....	66
Pre-Forestry .....	66
Pre-Medical Sciences (Pre-Medicine, Pre-Dentistry) .....	67
Pre-Optometry .....	66
Pre-Pharmacy .....	67
Pre-Veterinary .....	67, 92

## **President's Award**

As a further recognition of academic achievement, the University presents the President's Award to students who enroll for a minimum of 12 credit hours, with regular 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.

## **Readmission Under Special Conditions**

### **1. 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:

- 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.
- 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.
- The student must state, in writing, his or her intention to declare bankruptcy to the Office of the Registrar. 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.
- The student may not have previously declared bankruptcy of EKU work.
- 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.

### **2. 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 Office of the Registrar. 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.

### **Rescheduling of 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.

### **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.

### **Schedule Changes**

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.

A student may officially withdraw from a course from the end of the Schedule Change Period to the course’s midpoint. (The midpoint of full-semester courses is the eighth week; the midpoint of a part-semester course is printed on the course syllabus.) A student will be assigned a grade of “W” for a course withdrawn

from, and a “W” will appear on the grade report and transcript. Refer to Section 3 of this *Catalog* for the University’s Refund Policy. Refer to the current *Colonel’s Compass* for withdrawal deadlines and for refunds for full and partial semester courses.

After the eighth week, or midpoint, a student who is the victim of extraordinary circumstances may petition to the Late Withdrawals Appeals Committee through The Office of the Registrar. 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 prepare a written petition 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 web page ([www.registrar.eku.edu](http://www.registrar.eku.edu)).

Faculty will inform students of their academic progress prior to the last day from which they may withdraw from a course.

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

### **Student Load**

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.

Six semester hours is considered a normal load for the summer term. Twelve credit hours is the maximum enrollment allowed for the summer term. For enrollment verification and financial aid purposes 8 credit hours and above is considered full time summer status for undergraduate students, 6 credit hours is full time summer status for graduate students. A student who has established a superior academic record may be permitted to enroll for more than 12 hours by the dean of the college of the student’s first major. The absolute maximum is 15 hours.

The above limitations apply to all enrollments or combinations of enrollments for the term specified, including campus classes, extended campus classes, correspondence study (refer to the *Correspondence Course Bulletin*), and enrollments at other institutions. The Registrar will not record credits beyond these maximums.

### **Study Abroad Programs**

Students have several options for study abroad at EKU, options that vary in place, field of study, length 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 Credits/Courses**

Eastern Kentucky University participates in and subscribes to the principles of the Kentucky Council on Postsecondary Education statewide transfer agreements. Eastern Kentucky University will accept credits transferred from all public institutions in Kentucky accredited by SACS, and it will apply them to its 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. Students should submit a course description to the Transfer Coordinator in the Office of Academic Advising for transfer courses that have not been evaluated in the past. Students wishing to appeal the evaluation of transfer credit to be used for general education requirements should consult with the staff in the office of their college dean of their first major.

Eastern Kentucky University will also accept credits transferred from other colleges and universities accredited by a regional accrediting association, such as the Commission on Colleges of the Southern Association of Colleges and Schools. As completely as possible, it will apply these credits to the student's degree program.

Eastern Kentucky University students may also earn credits at other institutions and transfer them to Eastern Kentucky University. To ensure that they earn appropriate credits, they are strongly advised to see the Transfer Student Coordinator in the Office of Academic Advising and also obtain their college 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.

The University considers lower division credits transferred to EKU as lower division, even if EKU offers a comparable course at the upper division.

### **University Writing Requirement**

To ensure that graduates of Eastern Kentucky University possess important communication skills, the faculty and Board of Regents approved a University Writing Requirement (UWR). Except as noted below, students seeking baccalaureate degrees from Eastern Kentucky University, including transfer students, must successfully complete an essay exam.

Baccalaureate degree students must take the exam in the first semester of enrollment after completing the 60th credit hour and ENG 102. Transfer students who transfer 60 credit hours or more must take the exam in the first semester of enrollment.

Students who fail the first attempt may retake the exam under the following conditions:

- A. prior to the next enrollment, they must file with their advisor a remediation plan;
- B. they may not enroll for more than 12 hours in any fall or spring semester until the exam requirement is satisfied;
- C. they may not enroll after earning 100 hours until the exam requirement is satisfied.

Students failing to register for and take the UWR in the semester after they complete 60 credit hours will be subject to the enrollment limitations noted above in B and C. Also, after a student takes the UWR three times and fails to meet the minimum pass score then he or she must take ENG 099. Students with previously earned baccalaureate degrees need not write the UWR.

All full or part-time continuing students or students who have been **readmitted** to the University after being out for an academic year, regardless of the date of when they first entered EKU, seeking baccalaureate degrees and who have 60 or more hours of credit must satisfy the writing requirement. In addition, all Teacher Certification students must take the UWR. Students with previously earned baccalaureate degrees need not write the UWR unless they are completing teacher certification. Information about the UWR can be found at [www.testing.eku.edu](http://www.testing.eku.edu).

### **Withdrawal from the University**

Students finding it necessary to withdraw from the University must withdraw from all courses via the student web. A withdrawal is allowed only through the eighth week of classes during a regular semester or through the midpoint of any summer session or nonstandard course. A grade of "W" is assigned. Students who leave the University without an official withdrawal are subject to the grade of "F."

After the eighth week, a student who is the victim of extraordinary circumstances may petition to the Late Withdrawal Appeal Committee through the Office of the Registrar. 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 prepare a written petition 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 details, refer to the Registrar's web page ([www.registrar.eku.edu](http://www.registrar.eku.edu)).

### **Military Withdrawal for EKU Students**

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 Office of the Registrar, 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.

### **Dining Services Refund**

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: Bobbie Brickler, 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 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.

## DEGREE INFORMATION

### 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 minimum number of hours that must be earned for two associate degrees is 80; the minimum for two baccalaureate degrees is 160. The minimum number of hours required for concurrently earning an associate and a baccalaureate degree is the number required by the baccalaureate degree.

It is the student's 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. See "Application for Graduation" section.

### 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. While some of the hours earned from the earlier degree may count toward the subsequent degree, students must earn at least 16 approved semester hours for an associate degree beyond those required for the earlier degree. A subsequent baccalaureate degree requires at least 32 approved hours beyond those required for the earlier degree. Hours for both degrees must be taken at Eastern Kentucky University or, as approved by the dean of the college awarding the subsequent degree, at another regionally accredited institution. 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.

## DEGREE REQUIREMENTS

### BACCALAUREATE DEGREES

#### Comprehensive 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 128 semester credit hours, with at least 43 hours at the 300 level or above.
4. Satisfy the University Writing Requirement.
5. 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.
6. Earn a minimum of 32 semester hours through EKU.\*
7. 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.
8. 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.
9. 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.

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

#### 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 5 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.

### I. Communication.

#### IA Written Communication. Three hours required.

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

#### IB Written Communication. Three hours required.

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.

CMS 100 Introduction to Human Communication  
CMS 210 Public Speaking

### II. Mathematics. Three hours required.

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.

*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.

ARH 390 Survey of Art History I  
ARH 391 Survey of Art History II  
ART 200 Art Appreciation  
HON 205\* 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.

ENG 210\* Enjoying Literature  
ENG 211\* Survey of World Literature I  
ENG 212\* 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  
HON 306\* Honors Humanities II  
PHI 110 Beginning Philosophy  
PHI 130 Beginning Ethics

PHI 240 Philosophy of Religion  
PHI 300 Greek and Roman Philosophy  
PHI 320 Modern Philosophy  
REL 301 World Religions

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

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

### IV. Natural Sciences.

#### IVA Biological Laboratory Science. Three hours required.

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

#### IVB Physical Science Laboratory. Three hours required.

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 111/115\* General Chemistry I/General Chemistry Lab I (4)  
CHE 112/116\* 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.

#### VA History. Three hours required.

ANT 200 Anthropology of Human Society  
HIS 202 American Civilization to 1877  
HIS 203 American Civilization Since 1877  
HIS 231\* Western Civilization I  
HIS 232\* Western Civilization II  
HIS 246\* World Civilization I  
HIS 247\* World Civilization II  
HON 210\* Honors Civilization I

#### VB Social and Behavioral Science. Three hours required.

ANT 120 Introduction to Cultural Anthropology  
ECO 120\* Economic Reasoning and Issues  
ECO 230\* Principles of Economics I  
ECO 231\* Principles of Economics II  
ECO 310\* Contemporary Economic Problems  
GEO 200 Regions and Nations of the World  
GEO 220 Human Geography  
POL 100 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	Introduction to Psychology
PSY 280*	Lifespan Development
PSY 300*	Social Psychology
SOC 131	Introductory Sociology
SOC 235	Social Problems

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

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

HON 311	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

**VII. Breadth of Knowledge.**

Select six hours from two of the following four areas not closely related to the major. Consult your advisor to determine areas not closely related to the major.

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

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

BEM 350	Cinema History I
BEM 351	Cinema History II
ENR 112*	Academic Literacy and Learning
MUH 371*	Survey of Music History I
MUH 372*	Survey of Music History II
HUM 300	Humanity in the Postmodern Age

**VII(NS) Natural Sciences.**

Select an additional three hours from category 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
GLY 302	Earth Science
GLY 303	Global Environmental Challenges
NAT 305	Dinosaurs
NAT 380	Science and Society

**VII(QS) Quantitative Skills.**

Select an additional three hours from category 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	Introduction to C++
HON 304*	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:

COM 200	Mass Media and Society
HON 312	Special Topics

**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:**

CCT 201*	Professional Communication
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**Option 2.** Six hours in the same language from the following:

ASL 101	American Sign Language I
ASL 102*	American Sign Language II
ASL 201*	American Sign Language III
ASL 202*	American Sign Language IV
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
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
SPA 206*	Conversational Fluency

**Option 3.** Six hours in coursework addressing a common theme. Go to [www.gened.eku.edu](http://www.gened.eku.edu) to find additional approved themes for this option.

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

AFA 201	Pan-African Studies
AFA 202	The African-American Experience
CDF 232	Identity and Sexuality
POL 345	Minority Group Politics
POL 446	The Politics of Sex
SOC 399	Gender in Cross-Cultural Perspective
SOC 400	Race and Ethnic Relations
WMS 201	Introduction to Women's Studies

**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.

## ASSOCIATE DEGREES

### Comprehensive 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 64 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

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.

## GRADUATION

### Application for Graduation

Students completing requirements for graduation in December should apply before the end of the preceding April. May and August graduates should apply by the end of the preceding October.

Appropriate ceremonies are held at the close of the fall and spring semesters and the summer session. Students who are candidates for degrees are encouraged to participate in the ceremony.

### Honors for Baccalaureate Degree Graduates

Students are graduated Summa Cum Laude if they attain a cumulative grade point average (GPA) of 3.9 or higher on all semester hours transferred to and attempted at Eastern Kentucky University and if they complete a minimum of 64 hours at Eastern Kentucky University.

Students are graduated Magna Cum Laude if they attain a cumulative GPA of at least 3.7 but less than 3.9 on all semester hours transferred to and attempted at Eastern Kentucky University and if they complete a minimum of 64 hours at Eastern Kentucky University.

Students are graduated Cum Laude 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 64 semester hours that is half the minimum required for a baccalaureate degree at Eastern Kentucky University.

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.

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 progress will be used to attempt to obtain the 64 semester hours at Eastern Kentucky University. Honors for the diploma and transcript will include the final semester.

### 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 32 semester hours 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.

## UNDECLARED STUDENTS

If students 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 are registered for their 60th 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.

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# SECTION FIVE

## Academic Divisions

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# Accreditations and Memberships

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## Accreditations

**EASTERN KENTUCKY UNIVERSITY IS ACCREDITED BY THE COMMISSION ON COLLEGES OF THE SOUTHERN ASSOCIATION OF COLLEGES AND SCHOOLS TO AWARD ASSOCIATE, BACCALAUREATE, AND MASTERS 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)  
American Nurses Credentialing Center (ANCC)  
Commission on Accreditation for Dietetics Education of the American Dietetics Association  
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 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)  
Computer Science Accreditation Commission of the Computer Science Accreditation Board  
(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 Chemical Society  
(Bachelor of Science and Biochemistry Option)  
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 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)  
Society of Public Health Educators  
(Community Health Education Program)

## 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 Governing Boards of Universities and Colleges  
 Association of Graduate Faculties in Public Health Nutrition  
 Association of Schools of Journalism and Mass Communication  
 Association of Departments of Foreign Languages  
 Aviation Information Resources, Inc.  
 Broadcast Education Association  
 Broadcast Promotion and Marketing Executives Association  
 College Art 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  
 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

# 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
Agriculture .....	AS, BS
Anthropology .....	BA
Apparel Design and Merchandising .....	BS
Art .....	BA, BFA
Art, Teaching (See Art B.A.) .....	BA
Assets Protection and Security .....	BS
Athletic Training .....	BS
Aviation .....	BS
Biology .....	BS, MS
Biology (Teaching) .....	BS
Broadcasting and Electronic Media .....	BA
Business Administration .....	MBA
Business and Marketing Education/Teaching .....	BS
Career and Technical Education .....	AAS, BS, MS
Chemistry .....	BA, BS, MS
Child and Family Studies .....	BS
Clinical Laboratory Technology/Science .....	AAS, BS
Clinical Psychology .....	MS
Communication Disorders .....	BS, MA in Ed
Communication Studies .....	BA
Community Nutrition .....	MS
Computer Electronic Networking .....	BS
Computer Information Systems .....	BBA
Computer Science .....	BS
Computer Science, Applied .....	MS
Computer Science and Mathematics (Teaching) .....	BS
Construction Management .....	BS
Corporate Communication and Technology .....	BBA
Correctional and Juvenile Justice Studies .....	AA, BS, MS
Creative Writing .....	MFA
Criminal Justice .....	BS, MS
Deaf and Hard of Hearing .....	BS
Dietetics, General .....	BS
Early Childhood Development .....	AAS
Earth Science/Teaching .....	BS
Economics .....	BA
Educational Leadership .....	MAEd
Elementary Education (P-5) (Teaching) .....	BS, MA in Ed
Emergency Medical Care .....	BS
English .....	BA, MA
English (Teaching) .....	BA
Environmental Health Science .....	BS
Environmental Studies .....	BS

Family and Consumer Sciences Education .....	BS
Finance .....	BBA
Fire and Safety Engineering Technology .....	AA, BS
Forensic Science .....	BS
French .....	BA
French (Teaching) .....	BA
General Business .....	BBA
General Psychology .....	MS
General Studies .....	BA
Geography .....	BA
Geology .....	BS, MS
Graphic Communications Management .....	BS
Health Education .....	BS
Health Education (Teaching) .....	BS
Health Services Administration .....	BS
History .....	BA, MA
History (Teaching) .....	BA
Horticulture .....	BS
Human Services .....	MA
Individualized Studies .....	BIS
Industrial Technology .....	BS, MS
Instructional Leadership .....	MA in Ed
Insurance .....	BBA, BS
Interpreter Training Program .....	BS
Joint Doctoral in Biology, General* .....	PhD
Joint Doctoral in Educational Policy Studies and Evaluation* .....	EdD
Joint Doctoral in Educational Psychology* .....	EdD
Joint Doctoral in Geology* .....	PhD
Joint Doctoral in Health, Physical Education, and Recreation* .....	EdD
Joint Doctoral Program in Rehabilitation Sciences .....	EdD
Joint Doctoral in Instruction and Supervision* .....	EdD
Joint Doctoral in Special Education* .....	EdD
Journalism .....	BA
Library Science .....	MA in Ed
Loss Prevention and Safety .....	MS
Management .....	BBA
Marketing .....	BBA
Master of Arts in Teaching (Elementary, Middle Grade, Secondary) .....	MAT
Mathematical Sciences .....	MS
Mathematics .....	BS
Mathematics (Teaching) .....	BS
Medical Assisting Technology .....	AS
Medical Practice Management .....	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.) .....	BME
Nursing .....	ASN, BSN, RN-BSN, MSN
Occupational Science .....	BS

Occupational Therapy .....	MS
Office Systems/Technologies .....	AAS
Paralegal Studies/Science .....	AA, 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, MA
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
School Counseling .....	MA in Ed
School Psychology .....	PsyS
Science for Engineering .....	AS
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 .....	AS
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.

Advertising  
Aerospace Studies  
African/African American Studies  
Agriculture  
American Sign Language (ASL) Studies  
Anthropology  
Appalachian Studies  
Apparel Design & Merchandising  
Archaeology

Art, History  
Art, Studio  
Art, Teaching  
Assets Protection Management  
Aviation Administration  
Aviation Flight  
Biology  
Broadcast News  
Broadcasting and Electronic Media  
Business  
Canadian Studies  
Chemistry  
Chemistry, Teaching  
Child and Family Studies  
Communication Studies  
Community Health Education (Non-Teaching)  
Community and Regional Planning  
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 Medical Care  
English  
English, Teaching  
Environmental Health Science  
Family and Consumer Sciences  
Fire and Safety Engineering Technology  
Foodservice Administration  
Forensic Anthropology  
French  
Geography  
Geology  
Geotechniques  
Gerontology  
Health Care Administration  
Health Information  
History  
Horticulture  
Humanities  
Industrial Technology  
Insurance & Risk Management  
International Studies  
Journalism  
Managerial Communication  
Mathematical Sciences  
Mathematics  
Mathematics, Teaching  
Military Leadership (ARMY)  
Music  
Natural Resource Geography  
Nutrition  
Office Administration  
Paralegal Studies  
Philosophy  
Physical Education (Non-Teaching)  
Physics  
Physics, Teaching  
Police Studies  
Political Science  
Psychology  
Public Administration



Public Relations  
 Quality Assurance Technology  
 Real Estate  
 Recreation and Park Administration (Non-Teaching)  
 Religion  
 School Health P-12 (Teaching)  
 Social Inequalities  
 Social Justice  
 Social Welfare  
 Sociology  
 Soils  
 Spanish  
 Special Education  
 Statistics  
 Theatre Arts  
 Theatre Arts, Teaching  
 Traffic Safety (Non-Teaching)  
 Visual Media  
 Women's Studies

**ENDORSEMENTS AND CERTIFICATES**

The following special endorsements and certificates are offered.

**1. Undergraduate**

Accounting Certificate  
 Advanced Emergency Medical Care Certificate  
 African/African American Studies Certificate  
 Basic Emergency Medical Technician\*\*  
 Career and Technical Education\*  
 Certified Alcohol and Drug Counselor (CADC)  
 Child Public Welfare Certification  
 Coaching Endorsement  
 Driver Education Endorsement  
 English as a Second Language (Teaching) Endorsement  
 Fire and Safety Engineering Technology Certificate  
 French Conversation and Culture Certificate  
 German Conversation and Culture Certificate  
 Health Information Management, Post-Baccalaureate  
 Certificate  
 Instructional Computer Technology  
 Japanese Conversation and Culture Certificate  
 Medical Administrative Certificate  
 Medical Coding Certificate\*\*  
 Middle Grade Education (5-9) Endorsement (one area)  
 Paralegal Science Certificate (Post Baccalaureate)  
 Public Child Welfare Certificate  
 Real Estate Certificate  
 Spanish Certificate  
 Women's Studies Certificate  
 Youth Work Certificate

*\*Based on recommendation from EKU, Certificate is awarded by the Education Professional Standards Board.*

*\*\*Certificate awarded by department and not Eastern Kentucky University.*

**2. Graduate**

Director of Pupil Personnel Services  
 Director of Special Education  
 Driver Education  
 Gifted Education  
 Instructional Leadership (School Principal, All Grades)  
 Rank II  
 Rank I  
 School Counseling  
 School Psychology  
 School Superintendent  
 Standard Certificate in School Counseling  
 Supervisor of Instruction  
 Vocational Principal  
 Coordination/Supervision of Vocational Education

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# The Office of Academic Affairs

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**James Chapman, Interim Provost and Vice President  
Academic Affairs  
Coates 110  
(859) 622-3884  
[www.academicaffairs.eku.edu](http://www.academicaffairs.eku.edu)**

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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.

## **OFFICE OF CONTINUING EDUCATION & OUTREACH**

**Dr. Byron Bond,  
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 EKU'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.

### **Extended Campuses**

EKU Extended campuses are operated at Corbin, Danville and Manchester. These campuses provide a variety of graduate, undergraduate and non-credit programs and courses. In addition, EKU has offices at Ft. Knox, Hazard, and Somerset.

Contact information is listed below:

Corbin	(606) 528-0551	Ft. Knox	(502) 942-8628
Danville	(859) 236-6866	Hazard	(606) 439-3544
Manchester	(606) 598-8122	Somerset	(606) 679-8501

### **Student/Client Support Services**

Adult students often have career and family responsibilities in addition to pursuing their educational programs. Our Student/Client Support Services team has been established to work proactively with our CE&O students to reduce barriers to their educational goals. For our one-stop services, contact (859) 622-2001.

### **Distance Education**

Can't get away from work or other responsibilities? EKU Distance Education provides a variety of delivery methods for instruction. Kentucky Education Television (KET) telecourses, interactive television courses, 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.

### **Workforce Education**

Workforce Education offers a wide variety of training classes and certification programs focused on career growth and development. EKU 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.

### **Community Education**

A wide variety of non-credit classes are offered to the general public to encourage lifelong learning. Community professionals, local tradespersons and EKU faculty teach these courses in a relaxed learning atmosphere. For a brochure of the courses offered, contact (859) 622-2001.

### **Conference & Event Planning**

Our 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.

### **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) 622-1658.

**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.

**Summer School**

Summer school 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) 622-2001 or refer to [www.eku.edu/summer](http://www.eku.edu/summer).

**Honors Program**

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 all 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.

**LIBRARIES**

**Ms. Carrie Cooper,  
Dean  
Libraries  
Library 202A  
(859) 622-1778**

The John Grant Crabbe Library and Thomas and Hazel Little addition, which is centrally located on the campus, contains 760,000 volumes and seats over 2,100 students. The building houses several large reading rooms as well as smaller areas for individual and group study. In addition to the main University library, the Elizabeth K. Baker Music Library is in the Foster Building and the Wolford K. White Justice and Safety Library is in the Stratton Building.

The libraries provide many Web-based databases, including e.Quest, the online catalog. Most can be accessed from any campus or off-campus center (Corbin, Manchester, and Danville), and from home or remote locations. Consult the library's home page for a current list of sources and access options at [www.library.eku.edu](http://www.library.eku.edu).

**OFFICE OF UNIVERSITY PROGRAMS**

**Dr. Aaron Thompson,  
Associate Vice President  
University Programs  
Keen Johnson 201  
(859) 622-2222**

The Office of the Associate Vice President of University Programs oversees the academic personnel process including the recruitment, appointment, and promotion of faculty. In addition, the office reviews faculty policies and publishes the Faculty Handbook. Under the purview of the Associate Vice President is the Teaching and Learning Center, which takes an active role in the development of faculty and offers many professional development opportunities including new faculty orientation, conferences, and workshops. Curriculum is also one of the primary responsibilities of the Associate Vice President, who serves as Vice Chair of the Council on Academic Affairs. The Associate Vice President is responsible for all aspects of curriculum from the creation of through final approval by the Board of Regents and the Council on Postsecondary Education (where appropriate). The Associate Vice President also ensures curriculum is in compliance with SACS standards and guidelines from the Council on Postsecondary Education. The following courses reside in the Office of the Associate Vice President of University Programs: Career Counseling and Interpersonal Effectiveness (GCS), Student Development (GSD), and Orientation for Undeclared students (GSO). For further information, see the Course Descriptions section of this *Catalog*. General education including the reform and assessment of is a responsibility of the Associate Vice President. For additional information, see the General Academic Information section of this *Catalog*. The Undergraduate and Graduate Catalogs are published by the office. The Associate Vice President also serves as the campus representative for the American Democracy Project and

Campus Compact, two organizations dedicated to infusing service learning and civic engagement into the curriculum. The following offices report to the Associate Vice President of University Programs: African/African-American Studies, Appalachian Studies, Cooperative Education, EELI, International Education (including Study Abroad), the Teaching and Learning Center and Women's Studies.

### African/African-American Studies

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.

<b>Core Requirements</b> .....	<b>6 hours</b>
AFA 201, 202.	
<b>Electives</b> .....	<b>12 hours</b>
Six hours from the following courses: CRJ 345; ECO 395; EHS 225; ENG 342; HIS 305, 385, 386, 387, 507; MUS 250, 254*, 285*, 454*; POL 345; SOC 400, 463. The following courses can also be taken with the program Advisor's approval: ANT 435; ENG 200, 347, 550; FCC 210, 226; GEO 300, 347, 498; HIS 300, 312; PHI 390; PSY 400, 495; SOC 345.	
<b>Total Curriculum Requirements</b> .....	<b>18 hours</b>

\*Advanced; prerequisites required.

### 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.

<b>Core requirements</b> .....	<b>6 hours</b>
AFA 201, 202.	
<b>Electives</b> .....	<b>6 hours</b>
Six hours from the following courses: CRJ 345; ECO 395; EHS 225; ENG 342; HIS 305, 385, 386, 387, 507; MUS 250, 254*, 285*, 454*; POL 345; SOC 400, 463. The following courses can also be taken with the program Advisor's approval: ANT 435; ENG 200, 347, 550; FCC 210, 226; GEO 300, 347, 498; HIS 300, 312; PHI 390; PSY 400, 495; SOC 345.	
<b>Total Curriculum Requirements</b> .....	<b>12 hours</b>

\*Advanced; prerequisites required.

## 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 128 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 will be considered a member of the College in which they have their 18 hour major requirement.

#### **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** .....

**61 hours**

#### **Total Curriculum Requirements** .....

**128 hours**

### **INDIVIDUALIZED STUDIES (B.I.S.)**

*CIP Code: 24.0102*

The Bachelor of Individualized Studies (B.I.S.) Degree is administered by the Associate Vice President 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 who wishes 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 ..... 44 hours**

**Total Curriculum Requirements ..... 128 hours**

## Minor

### 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 200, 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 325, 435, COM 300, COM 345 or ENG 345, ECO 394, 395, EME 530, FCC 220, 222, 226, 227, FIN 330, 455, GBU 201, GEO 202, 322, 347, HIS 320, 350, 354, 365, 375, 378, 384, 474, 475, HUM 300, MGT 430, MKT 400, PHI 330, POL 220, 310, 312, 313, 315, 316, 325, 327, 410, 417, 495, REL 301, 335, 340, 345, 355, SPE 375, TNT 300 (International topics only).

## Minor/Certificate

### INTERDISCIPLINARY MINOR/CERTIFICATE IN WOMEN'S STUDIES

Women's Studies is a rapidly growing interdisciplinary field established in the 1970's. The purpose of Women's Studies is to recognize and validate the experiences and contributions of women and to bring women more fully into the college curriculum. To that end, a primary focus of Women's Studies courses is on the roles, contributions, and experiences of women. Students learn to identify and analyze gender-based assumptions and biases and to recognize their consequences on individual, social and cultural levels. Courses introduce recent scholarship about women and issues especially related to women's concerns and, where possible, use works by women scholars.

A student may complete an Interdisciplinary Women's Studies minor by taking 18 hours as indicated below. Required courses include the following six hours: WMS 201, Introduction to Women's Studies, and WMS 400, Feminist Theory and Practice. An additional 12 hours of electives shall be selected from the courses listed below. A student may complete an Interdisciplinary Women's Studies Certificate by taking WMS 201, WMS 400 and 6 hours of electives selected from the courses listed below. To ensure the interdisciplinary nature of the minor, courses shall be selected from at least two different departments.

ADM 310, ANT 399, ANT 435 (Topic: India), ANT/SOC 399, CDF 132, CDF 232 (or HEA 592), CDF 331, CRJ 305, CRJ 345, CSC 490 (Topic: Seminar in Computer Science: Women and Technology), ENG 301 (Topic: Women, Writing, and the Internet), ENG 308, ENG 340, ENG 535, ENG 540 (Topic: Women in Detective Fiction), ENG 550 (Topic: Scribbling Women), ENG 570 (Topic: Jane Austen and Charlotte Bronte), HEA 591, HEA 592 (or CDF 232), HIS 300 (Topics Relating to Women and Gender), HIS 303, HON 312 (Topic: Culture and Child Development), HON 316 (Topic: Biology and Gender), MAS 300, NAT 310 (Topic: omen and Science), PHI 390 (Topics: Platonic Perspectives; Existentialism and Postmodernism), POL 446, POL 451, PSY 397 (Topic: Cultural Diversity), PSY 420, SOC 399, SPE 400, WMS 300, WMS 349, WMS 495.

**Note:** The topics listed for ANT 435, ENG 301, ENG 540, ENG 550, ENG 570, HIS 300, HON 312, HON 316, NAT 310, PHI 390, and PSY 397 are examples of specific classes approved for the Women's Studies minor. Other topics may be approved for the minor as they are offered. Average GPA of courses applied to minor must be 2.25 or better.

### Center for Appalachian Studies

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

### 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.

ANT/SWK 331 .....	<i>Appalachia: A Cultural Perspective</i>
APP 460 .....	<i>Seminar in Appalachian Studies</i>
ECO 340 .....	<i>Environmental Economics</i>
ENG 365 .....	<i>Appalachian Literature</i>
GEO 430 .....	<i>Sustainability in Appalachia</i>
HIS 420 .....	<i>Appalachia in American History</i>
OTS 520/720 .....	<i>Providing Health Services in Appalachia</i>
POL 373 .....	<i>Politics of Development in Appalachia</i>
SOC 363 .....	<i>Images of Appalachia in Film &amp; Song</i>
SOC 365 .....	<i>Social Changes in Appalachia</i>
SOC 370 .....	<i>Religion in Appalachia</i>

### General Education

The General Education program commencing in Fall 2006 was revised to comply with a policy established by the Council on Postsecondary Education. The program allows for easier transferability for students transferring to Eastern Kentucky University from community colleges.

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.

### Cooperative Education/Applied Learning

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 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 the entire course of the semester (16 weeks spring and fall semesters and 12 weeks in the summer). The salary for each position must fall within State and Federal wage guidelines.

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. 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 only work one semester: work in a non-paid assignment; or in an assignment that does not meet the Cooperative Education multiple term requirements.

For additional information, contact the Co-op Office at (859) 622-1296, e-mail us at [coop@eku.edu](mailto:coop@eku.edu), or check out the Co-op website at [www.coop.eku.edu](http://www.coop.eku.edu).

## **International Education**

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.

The Division of International Education also promotes the Eastern Kentucky University Study Abroad programs for American students and faculty. Current information on international study, travel, and exchange programs is available from the Director of Study Abroad. The University participates in two study abroad programs: (1) Cooperative Center for Study Abroad (CCSA) offers programs in English-speaking countries abroad; summer and winter programs (2 1/2 to 4 1/2 weeks), semester-long programs and internships. Currently, programs are offered in Australia, Barbados, Belize, England, Ireland, Kenya, Scotland, Singapore, and South Africa. (2) Kentucky Institute for International Studies (KIIIS) offers program in non-English-speaking countries abroad; a variety of summer (5 weeks) and semester-long programs are offered. Currently, programs are offered in Austria, Brazil, Cameroon, China, Costa Rica, Denmark, Ecuador, France, Germany, Greece, Italy, Japan, Mexico, Puerto Rico, Spain, and Turkey.

For more information, contact the Director of International Education, Eastern Kentucky University, 521 Lancaster Avenue, 181 Case Annex, Richmond, Kentucky 40475-3102, or call (859) 622-1478; the Director of ESL (859) 622-6370; the Director of Study Abroad (859) 622-1705.

## **Service Learning/Civic Engagement**

Eastern Kentucky University is a member of the American Association of State Colleges and Universities, which oversees the American Democracy Project (ADP). The ADP is a multi-campus initiative that seeks to create an intellectual and experiential understanding of civic engagement for undergraduates enrolled at institutions that are members of the American Association of State Colleges and Universities (AASCU). The goal of the project is to produce graduates who understand and are committed to engaging in meaningful actions as citizens in a democracy. Several campus events and initiatives are sponsored by the ADP annually.

Eastern Kentucky University is also a member of 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.

## **Teaching and Learning Center**

Located in the historic Keen Johnson Building, the Teaching and 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 teachers is a central TLC goal. Ultimately, it is EKU students who benefit from the TLC's work, as they experience the enriched learning environments created by EKU's exemplary--and always developing--teaching faculty.

## **OFFICE OF GRADUATE EDUCATION & RESEARCH**

**Dr. Jerry Pogatshnik,  
Associate Vice President of Research and  
Dean of Graduate Education  
Jones 414  
(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 web site, [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

## **OFFICE OF ENROLLMENT MANAGEMENT**

**Dr. E.J. Keeley,  
Interim Assistant Vice President  
Enrollment Management  
Student Services Building, Room 340  
(859) 622-3047**

The Office of Enrollment Management coordinates undergraduate academic support activities and programs that seek to benefit the entire undergraduate student body. The Office focuses on students, their needs, and their success.

Academic support is provided at various stages of students' careers by the Offices of Admissions, Academic Advising and Retention, Academic Testing, Developmental Education, Education Pays, Educational Talent Search, the Registrar, the Student Athlete Academic Success Center, Student Financial Assistance, Student Support Services (NOVA), and Upward Bound. In addition, the Office programs and maintains the CARES (degree audit) system of the University. The developmental academic program helps undergraduate students achieve their maximum potential and enhances their chances for academic success by providing opportunities for skill development.

The Office strives to recruit students for success, link them to faculty and other mentors and guides, and help them become ECU graduates and lifelong achievers and learners.

### **Academic Advising and Retention**

The Office of Academic Advising and Retention is responsible for providing administrative support to and coordination of the University's undergraduate advising system. Every Eastern Kentucky University undergraduate student is assigned an advisor. Selected departmental faculty serve as advisors to students with declared majors; other faculty and professional advisors serve as advisors for undeclared and developmental students.

In conjunction with the Office of First Year Programs, the Office is responsible for the Orientation Program. Over 2,500 freshmen and transfer students are advised and registered each summer through this program.

### **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.

### **Student-Athlete Academic Success Center**

The Student-Athlete Academic Success Center is an academic support program for all student athletes competing on NCAA varsity teams on ECU's campus. The Center provides opportunities and services to enhance the student-athlete's academic performance. 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 ECU enrollment, to aid in their being able to graduate with the highest grade point average possible, as well as to sustain their NCAA academic eligibility.

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

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 ECU 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 heavily focused on the first-year experience. All learners begin their ECU experience with the NOVA learning community that includes co-registration in two-to-three ECU courses particularly suited for first-year student learners. The NOVA learning community facilitates a smooth transition to ECU and promotes a connection to campus which aids in student success. NOVA provides instruction in Academic Orientation and Leadership Dynamics and provides support services such as academic advising, financial aid consulting, personal and career consulting, peer mentoring and academic assistance and monitoring. NOVA learners earn a degree from ECU at a statistically significant higher rate as compared to other ECU 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.



## **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)).

## **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 129 (859) 622-8032.

The Division of Student Financial Assistance deals primarily with need-based federal programs: grants, loans, and employment. For more information, please see "Funding Your Education." Call the Division of Student Financial Assistance at (859) 622-2361 to request a copy.

## **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 paying federal minimum wage. 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.

## **Registrar**

The Office of the Registrar is responsible for services which assist students, alumni, and University personnel with the preparation of the schedule of classes, the enrollment of students, the preparation, maintenance, security and delivery of the academic records of the University, the preparation of enrollment and

athletic reports as required, the preparation of the commencement exercises and with diploma delivery, the academic honors program, the dean's award, the administration of the minimum scholastic standards policy of the University, and maintaining room assignments for all classes.

Continuing students should report to the Office of the Registrar for the following assistance: transcripts; instructions on providing insurance, governmental, and student loan organizations with needed data; class standing; military credit evaluation; name/address changes; and other information such as academic standards and academic honors programs.

## **Transition & University Services**

The Office of Transition and University Services plans, implements and supports programs and services for students transitioning from high school or the work place to the University. The office provides program coordination and transition and testing services that support the goals of current and potential students, departments, and the University. Our services allow students to build needed skills and/or demonstrate knowledge base for admission to the University or specific programs and provide appropriate course placement information to maximize each student's academic success. The office supports two TRIO programs, Educational Talent Search and Upward Bound. Both programs work with youth who have postsecondary potential who are making the transition from secondary schools to a postsecondary institution of their choice. Educational Talent Search also works with adults who are re-entering educational programs.

## **Academic Testing**

The Office of Academic Testing is responsible for the coordination, administration, and planning of academic tests that are requested by the University and educational community. Eastern Kentucky University functions as a national test center site for such organizations and companies as the American College Test (ACT), The Psychological Corporation, The College Board, Chauncey Group International, Educational Testing Service, Law School Admission Council, National Commission for Health Education Credentialing, and the Professional Examination Service. Some of the national tests administered by the Office of Academic Testing include: the ACT, Miller Analogies Test, National Council for Therapeutic Recreation Certification, Law School Admission Test, Certified Occupational Therapy Assistant and Occupational Therapist Registered exams, Certified Health Education Specialist Exam, Adult and Family Nurse Practitioners, and subject tests for the Graduate Record Examination (GRE). State education certification tests, such as the Kentucky Speciality Test of Interdisciplinary Early Childhood Education and the Kentucky Specialty Test of Instructional and Administrative Practices, are administered by the College of Education.

Other tests administered by the Office of Academic Testing are: the University Writing Requirement, residual ACT, College-Level Examination Program (CLEP)<sup>®</sup>, departmental credit-by-examination tests, and University placement tests.

Testing services are provided to assist EKU students and other registered examinees in fulfilling university, state, academic program, certification, and personal career goals. For additional information concerning testing services, please visit the website at [www.testing.eku.edu](http://www.testing.eku.edu).

### Developmental Education

The Developmental Education program helps students achieve academic success by developing or enhancing skill level proficiencies for life-long learning. The program focuses on reading, writing, mathematics, and the skills needed for success in college-level courses. Students must demonstrate basic skill proficiencies in the areas of reading, writing, and mathematics as determined by ACT, SAT or placement test scores. Before confronting a rigorous academic program, students identified through testing as needing additional help in these basic skill areas are required to enroll in developmental courses designed to improve their skills. For transfer students, the University will also consider transfer course work in determining basic skill proficiencies. Additional information about the developmental program can be found at [www.developmentaleducation.eku.edu](http://www.developmentaleducation.eku.edu).

#### **First Step to College Success Program**

The *Division of Enrollment Management* established the *First Step to College Success* program to address the needs of students placed into developmental courses in mathematics, writing, and/or reading and study skills. In the past, students with such needs have had difficulty successfully completing their degrees in colleges and universities across the country. This program represents the first step to success in college by helping such students build the academic skills needed for a successful college experience.

The program provides intensive instruction in the core areas of reading, writing, and mathematics. Enrichment courses in the program integrate study and test-taking skills with an orientation to the resources offered by the University. Extensive tutorial support from trained and experienced tutors is an integral part of the program. Students admitted to the program study together to form a collaborative learning community characterized by mutual assistance and encouragement. Upon successful completion of the program, students begin taking college-level courses that will lead to academic degrees while completing other developmental requirements, if needed.

Students are selected for the program based on developmental needs. The program has been specifically designed for students entering the University with two or more developmental requirements and students admitted to the University in the Special Admissions category.

#### **Educational Talent Search Program**

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**

The Upward Bound Program, a TRIO project funded by the U.S. Department of Education, has been at Eastern Kentucky University since 1965. The program selects students with college potential and works to improve their academic skills and provide them with the motivation necessary to enroll and succeed in college. Students are chosen from ten high schools in the nine counties of Casey, Estill, Garrard, Jackson, Lee, Lincoln, Madison, Powell, and Wolfe. To be eligible, students must be first generation college students (neither parent can have a college degree) or their family income must meet federal guidelines. Students start the three year program during their sophomore and junior years of high school. Tutoring sessions and on-campus meetings are held during the school 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 assist students with their studies and other program activities. Interested students from the above counties should contact their high school guidance counselor or write to the Director, Upward Bound Program, Eastern Kentucky University, 500 Begley Building, 521 Lancaster Avenue, Richmond, Kentucky, 40475-3102, or call (859) 622-1080. E-mail: [milly.burkhart@eku.edu](mailto:milly.burkhart@eku.edu).

#### **TRIO Programs**

Since 1966, three of the seven TRIO projects have been operating at Eastern Kentucky University through grants awarded by the U. S. Department of Education. Included in the Department of Transition and University Services, the Upward Bound project and the Educational Talent Search project serve middle school and high school students from the region. Included in the Office of Academic Advising & Retention, Student Support Services serves EKU students. Included in the Office of Graduate Education & Research, The Ronald E. McNair Postbaccalaureate Achievement Project was established in 2003.

### UNIVERSITY DIVERSITY OFFICE

**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.

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# College of Arts and Sciences

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**Dr. Andrew Schoolmaster, Dean**

**Roark 105  
(859) 622-1405**

**Dr. Gary Kuhnenn, Associate Dean**

**Roark 106  
(859) 622-8140**

**Dr. Tom Otieno, Associate Dean**

**Memorial Science 184  
(859) 622-1393**

**[www.cas.eku.edu](http://www.cas.eku.edu)**

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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 Music Education, 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.

In the first curriculum, referred to as the **Two-Two Curriculum**, students spend two years at ECU 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.

#### TWO-TWO CURRICULUM

**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 ECU and then take two years of work in engineering at the University of Kentucky or Auburn University and earn a baccalaureate degree from ECU in physics or chemistry and an engineering degree from the engineering school. The additional year spent at ECU allows students to do more work in a science major, thus improving the breadth of their background.

Variations occur depending upon the engineering degree sought and the differing requirements of the University of Kentucky and Auburn University. Inquiries concerning a specific program should be addressed to the pre-engineering advisor, Department of Physics and Astronomy or Department of Chemistry. A program representative of the first two years is given in the **Two-Two Curriculum** above. The third year curriculum will depend primarily on the undergraduate major sought, either physics or chemistry.

A third option available to a student would be to complete requirements for a baccalaureate degree in physics or chemistry at ECU 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 ECU 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, 115, 112, 116, or 116H, 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 Four 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-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.

**Major Requirements** ..... 32 hours  
BIO 121, 141, 320, CHE 361, 362, 366, 367, PHY 131, 132.

**Supporting Course Requirements** ..... 19 hours  
MAT 109, 124, 224; PSY 200; STA 270.

**General Education Requirements** ..... 21 hours  
CHE 111, 115, 112, 116 or 116H, six hours of English composition, six hours social science.

**University Requirement** ..... 1 hour  
ASO 100.

**Total Curriculum Requirements** ..... 73 hours

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, 362, 366, 367.	
<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 SCIENCES

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, 115, 112, 116 or 116H, 361, 366, 362 and 367; 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). Pre-medical and pre-dental 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>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.) Pre-Medical

<b>Major Requirements</b> .....	<b>41 hours</b>
<b>Chemistry Core</b> .....	<b>28 hours</b>
CHE 111, 115, 112, 116H, 325, 361, 362, 366, 367, 471, 472, and 473.	
<b>Biochemistry Option</b> .....	<b>13 hours</b>
CHE 480, 481, 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>25 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).

#### Chemistry (B.S.) Pre-Dental

<b>Major Requirements</b> .....	<b>30 hours</b>
CHE 111, 115, 112, 116 or 116H, 325, 361, 362, 366, 367, 470, six hours of upper division chemistry electives.	
<b>Supporting Course Requirements</b> .....	<b>13-14 hours</b>
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.	
<b>General Education Requirements</b> .....	<b>36 hours</b>
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 <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>47-48 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.

### 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.)

<b>Major Requirements</b> .....	<b>35-36 hours</b>
BIO 121, 131, 141, 315, 316, 320; 328 or 348; 490, 514, or elective in biology at the 300-500 level.	
<b>Supporting Course Requirements</b> .....	<b>32-33 hours</b>
CHE 111, 115, 112, 116 or 116H, 361, 366, 362 and 367; 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.

\*\* Properly selected electives will allow a student to complete pre-veterinary medicine training.

### Chemistry (B.A.)

<b>Major Requirements</b> .....	<b>30 hours</b>
CHE 111, 115, 112, 116 or 116H, 325, 361, 362, 366, 367, 470, six hours of upper division chemistry electives.	
<b>Supporting Course Requirements</b> .....	<b>13-14 hours</b>
MAT 124* or 261*; PHY 131 or 201; PHY 132 or 202.	
<b>General Education Requirements</b> .....	<b>36 hours</b>
Standard General Education program, excluding blocks II, IVB, 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>47-48 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.

\*\* Properly selected electives will allow a student to complete pre-veterinary medicine training.

## DEPARTMENT OF ANTHROPOLOGY, SOCIOLOGY, AND SOCIAL WORK

### Chair

Dr. Elizabeth Throop  
(859) 622-1644  
Keith 223

### Faculty

A. Banks, P. Black, K. Carmean, J. Curra, M. Gore, P. Litzelfeiner, S. McSpirit, K. Miller, M. Miranda, P. Moore, C. Olson, P. Paolucci, S. Savage, D. Smith, E. Throop, E. Underwood, J. Westerfield 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, art and to vestiges of human habitation. Anthropology addresses fascinating questions such as how peoples' behavior changes 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 job 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 coming from researchers who bring different backgrounds and apply various approaches to their endeavors.

<b>Major Requirements</b> .....	<b>33 hours</b>
ANT 120, 200, 201, 350, 395 and at least one course from each of the following three categories, for a total of 18 hours: Archaeology: ANT 353, 355, 357, 360, 439, 470; Cultural Anthropology: ANT 375, 400, or 330, 333; Physical Anthropology: ANT 206, 365, 380, or 385; ANT 490 will be classified where appropriate.	
<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>46 hours</b>
<b>Total Curriculum Requirements</b> .....	<b>128 hours</b>

### SOCIAL WORK (B.S.W.)

*CIP Code: 44.0701*

To major in social work a student must declare social work as a first major. To enroll in either of the practicum courses, SWK 390 or SWK 490, a student is required to complete the prerequisites for the specific course; maintain a cumulative grade point average of 2.25; attain a minimum grade of "C" in each course specified for the major and supporting courses; and apply for admission to the specific practicum course the semester prior to enrollment. For additional information, contact the practicum instructor.

#### ADMISSION

Any student who is accepted by the University Admissions Office and declares their major as social work will be admitted as a pre-social work major. Admission to pre-social work does not guarantee admission to the Professional Social Work Program. For admission requirements and procedures see the Program Director.

#### MISSION

The essential purpose of the Social Work program is to prepare the student for beginning generalist practice. This preparation will provide Kentucky, particularly the Eastern Kentucky region, with social work professionals capable of intervention with different size systems in a variety of settings. Another purpose of the program is to produce graduates who have the essential knowledge and skills to enter graduate programs and/or continue life-long learning. The program prepares students to address issues of social oppression, social and economic injustice, and various forms of violence at the personal, social and cultural levels. The dynamic curriculum is responsive to the new realities within which the social worker must serve the client, the profession, and society.

The primary purpose of the social work profession is to enhance human wellbeing. 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 people 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.

<b>Major Requirements</b> .....	<b>45 hours</b>
SWK 210, 225, 310, 311, 335, 350, 354, 355, 358, 360, 390, 410, and 490.	
<b>Supporting Course Requirements</b> .....	<b>15 hours</b>
POL 101, PSY 200, SOC 131, 232, and 400.	
<b>General Education Requirements</b> .....	<b>42 hours</b>
Standard General Education program, excluding blocks VB and VC. 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>25 hours</b>
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.	
<b>Total Curriculum Requirements</b> .....	<b>128 hours</b>

### 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>33 hours</b>
SOC 131, 232, 395, SOC 460 or 461, a minimum of three hours from SOC 420, 463, 465, 480; and 18 hours of sociology electives, 15 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>46 hours</b>
<b>Total Curriculum Requirements</b> .....	<b>128 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, 350 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, 350 and twelve hours of upper division archaeology electives selected from ANT 353, 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 as follows: ANT 332 and 15 hours selected from: ANT 333, ANT 499 or POL 499, and Canadian topics in the following courses: HIS 300 (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, SOC 313, SOC 340, SOC 375, and nine hours from ANT 380, FOR 301, HEA 345, CRJ 325, PSY 308, or SOC 347. Note that some of the required and elective courses have prerequisites.

**MINOR IN FORENSIC ANTHROPOLOGY**

A student may minor in Forensic Anthropology by taking a minimum of 18 hours as follows: ANT 120 or 200, 201, 350, 380; FOR 465; and at least four hours from ANT 385, FOR 301, and the following ANT courses when they have a forensic topic: 365 and 490.

**MINOR IN SOCIAL WELFARE**

A student may minor in Social Welfare by completing the following courses: SOC 131; SWK 210, 310, and 311; three hours from POL 341, 370, 371, or 374; and six hours from SWK 410, 456, 457, SOC 313, 340, 353, 365, 410, 420, 450, GEO 225, ECO 130, 231, or 365.

**MINOR IN SOCIAL INEQUALITIES**

A student may minor in Social Inequalities by completing a minimum of 18 hours as follows: SOC 399, SOC 400, SOC 463, SOC 480, and six credit hours of electives from CRJ 325, CRJ 345, HIS 305, HIS 385, HIS 386, POL 345, POL 373, POL 446, POL

451, SOC 330, SOC 345, SOC 365, SOC 375, SOC 415, SOC 460, or WMS 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 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.

**Certificate****CERTIFICATE IN PUBLIC CHILD WELFARE**

The Public Child Welfare Certification Program requires an application and interview process, practicum experiences in public welfare agencies, post graduation work commitment and maintenance of a 3.0 GPA in social work courses. In addition to the BSW degree requirements students must complete **SWK 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, I. Kumoji, B. Kurzinger, J. Molinaro, M. Ramsey, E. Randall, G. Smith, K. Spears, F. Szorad, and M. Tortorici**

**Baccalaureate Degrees****ART (B.A.)**

*CIP Code: 50.0702*

**Major Requirements ..... 69-70 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 ..... 37 hours**  
 ART 460, EDF 103, 203, 319, 413, SED 401, EME 439, ESE 490, 540 and EMS 499.  
**Liberal Arts Option ..... 36 hours**  
 Additional 15 hours of art or art history electives limited to the following: ART 300, 301, 312, 321, 331, 341, 371, 381, 401, 492, 493, 496, 497, 594, 595. Additional 18 hours excluding studio art courses.



<b>Supporting Course Requirements</b> .....	<b>9 hours</b>
ARH 390, 391, and 3 hours art history electives.	
<b>General Education Requirements</b> .....	<b>42 hours</b>
Standard General Education program, excluding block 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>3-7 hours</b>
<b>Total Curriculum Requirements</b> .....	<b>128 hours</b>

### ART/STUDIO OPTIONS (B.F.A.)

*CIP Code: 50.0702*

<b>Major Requirements</b> .....	<b>62-70 hours</b>
<b>Studio Foundations</b> .....	<b>15 hours</b>
ART 100, 152, 153, 164 and	
<b>Interior Design:</b> DES 250.	
<b>All other areas:</b> ART 101.	
<b>Core</b> .....	<b>19-22 hours</b>
ART 499 and	
<b>Interior Design:</b> DES 122, 225, 325, 330, 421** (6 hours).	
<b>All other areas:</b> ART 210, 220, 230, 240, 270, 280, and 562.	
<b>Options*</b>	
<b>Ceramics</b> .....	<b>33 hours</b>
ART 321, 341, 371, 372, 472, 473, 474, 12 hours ART/DES/ARH electives.	
<b>Graphic Design</b> .....	<b>33 hours</b>
DES 250, 251, 252, 254, 350, 351, 353, 453, 454, 3 hours ART/DES/ARH electives.	
<b>Interior Design</b> .....	<b>28 hours</b>
DES 222, 226, 322, 326, 327, 328, 422, 426, 3 hours ART/DES/ARH electives.	
<b>Jewelry and Metals</b> .....	<b>33 hours</b>
ART 321, 341, 343, 344, 371, 443, 444, 12 hours ART/DES/ARH electives.	
<b>Painting</b> .....	<b>33 hours</b>
ART 312, 313, 314, 331, 381, 413, 414, 12 hours ART/DES/ARH electives.	
<b>Photography</b> .....	<b>33 hours</b>
ART 312, 331, 381, 382, 383, 483, 484, 12 hours ART/DES/ARH electives.	
<b>Printmaking</b> .....	<b>33 hours</b>
ART 312, 331, 332, 333, 381, 432, 434, 12 hours ART/DES/ARH electives.	
<b>Sculpture</b> .....	<b>33 hours</b>
ART 321, 322, 323, 341, 371, 423, 424, 12 hours ART/DES/ARH electives.	
<b>Supporting Course Requirements</b> .....	<b>9-18 hours</b>
<b>Interior Design:</b> ADM 302; ARH 390, 391; CON 250; TEC 331; INT 195.	
<b>All other areas:</b> ARH 390, 391, 3 hours of ARH electives.	
<b>General Education Requirements</b> .....	<b>42 hours</b>
Standard General Education program, excluding block 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>5-6 hours</b>
<b>Total Curriculum Requirements</b> .....	<b>128 hours</b>

\*Probationary candidacy and eventual advanced study for the BFA is conditional upon meeting qualifications and having a portfolio

reviewed no earlier than the fourth semester (transfers must have 24 hours in Art and/or Design). Students wishing to pursue the BFA degree should consult with a departmental advisor to obtain a copy of the "Entrance Criteria and Degree Requirements for the BFA in Art and Design" in effect for their area at the time of their initial application for admission to the program.

\*\*Students not meeting the requirements for DES 421 will take other ART/DES electives or repeat ART/DES required courses.

### Minors

#### MINOR IN ART (ART HISTORY)

A student may minor in art history by completing a minimum of 18 hours as follows: ART 390, 391, 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; 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, 390, 391, 460; EME 439 or ELE 361.

## DEPARTMENT OF BIOLOGICAL SCIENCES

### Acting Chair

**Dr. Michael Foster**  
(859) 622-1531  
Moore 235

### Faculty

S. Byrd, P. Calie, R. Clark, P. Cupp, D. Eakin, C. Elliott, M. Foster, R. Frederick, M. Frisbie, J. Harley, S. Harrel, C. Ivans, R. Jones, M. Pierce, B. Ramey, G. Ritchison, G. Schuster, W. Staddon, and S. Sumithran

### Baccalaureate Degrees

#### BIOLOGY (B.S.)

*CIP Code: 26.0101*

<b>Major Requirements</b> .....	<b>35-36 hours</b>
<b>Biology Core</b>	

BIO 121, 131, 141, 315, 316, 320; 328 or 348; 490, 514, and one elective in biology at the 300-500 level.

#### **Options**

<b>Aquatic Biology</b> .....	<b>15 hours</b>
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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.

**Microbial, Cellular and Molecular Biology**  
..... 15 hours  
BIO 331, 527 or 530, 531, and at least five hours from BIO 511, 527 or 530 (must take course not taken as requirement in the option), 528, and 598.

**Supporting Course Requirements** ..... 32-33 hours  
CHE 111, 115, 112, 116 or 116H, 361, 366, 362 and 367; 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: 26.0101*

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, 115, 112, 116 or 116H, 361, 366; 362 and 367, 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, 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.

### ENVIRONMENTAL STUDIES (B.S.)

*CIP Code: 26.1301*

**Major Requirements** ..... 33-34 hours  
BIO 121, 131, 316, 320; CHE 111, 115, 112, 116 or 116H; 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 130, 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 (3 hours), 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: ANT 350; BIO 328 or 348; BIO 335, 525, 536, 542, 556, 557, GEO 351, HIS 516.

**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, 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, 102; MAT 108, MAT 124\* or MAT 261\*; STA 215 or STA 270; AGR 215; GEO 351, 353; one class from the following:  
COM 200, COM 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****Chair**

**Dr. Alan Schick**  
(859) 622-1456  
Moore 337

**Faculty**

**D. Bautista, M. Brock, E. Dueno, S. Godbey, A. Schick,  
D. Smith, D. Tofan, D. Vance, and L. Wilson**

**Baccalaureate Degrees****CHEMISTRY (B.A)**

*CIP Code: 40.0501*

**Major Requirements ..... 30-31 hours**  
CHE 111, 115, 112, 116 or 116H, 325, 361, 362, 366, 367, 470, plus six hours of upper division chemistry electives (which may include FOR 411).

**Supporting Course Requirements ..... 14-54 hours**  
**Chemistry Option ..... 14 hours**  
MAT 124\*; PHY 131 or 201; PHY 132 or 202.

**Chemistry Teaching Option\*\* ..... 54 hours**  
MAT 124\*; PHY 131 or 201; PHY 132 or 202;  
CNM 101, 102; EDF 103, 203; EPY 319, 413;  
SED 401; ESE 490, 499, 551; GLY 302.

**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 ..... 8-47 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*

**Major Requirements ..... 41-45 hours**  
**Chemistry Core ..... 28-29 hours**  
CHE 111, 115, 112, 116 or 116H, 325, 361, 362, 366, 367, 471, 472, 473 and must include one of the following options:

**Options\*\***

**Biochemistry ..... 13 hours**  
CHE 480, 481, 525, 530, 531, 532.

**Chemistry ..... 16 hours**  
CHE 480, 481, 515, 525, 530, 550. For the program to be approved by the ACS, the student must elect six additional hours of advanced chemistry courses.

**Supporting Course Requirements ..... 22-34 hours**  
**Biochemistry ..... 34 hours**  
BIO 121; 131 or 141; 315 or 320; MAT 124\*, 224, 225, PHY 201, 202.

**Chemistry ..... 22 hours**  
MAT 124\*, 224, 225, PHY 201, 202. A year of foreign language is recommended.

**General Education Requirements ..... 30-33 hours**  
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 *Catalog* for details on the General Education and University requirements.

**University Requirement ..... 1 hour**  
ASO 100.

**Free Electives ..... 22-27 hours**  
**Total Curriculum Requirements ..... 128 hours**

\* 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*

**Major Requirements ..... 49-56 hours**  
**Core Requirements ..... 39-40 hours**  
CHE 111, 115, 112, 116 or 116H, 325, 361, 362, 366, 367, 470, FOR 301, 411, 465, 495\* and must include one of the following options.

**Forensic Chemistry Option ..... 16 hours**  
FOR 412, 451, six hours of 400 level forensic science electives, three hours upper division chemistry electives.\*\*

**Forensic Biology Option ..... 10-11 hours**  
BIO 315, 331 or 531; CHE 530 or 531.

**Supporting Course Requirements ..... 24-25 hours**  
BIO 121, LAS 210 or PLS 316; MAT 124\*\*\* or 261\*\*\*; PHY 131 or 201; PHY 132 or 202; STA 270.

**General Education Requirements ..... 30 hours**  
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.

<b>University Requirement .....</b>	<b>1 hour</b>
ASO 100.	
<b>Free Electives .....</b>	<b>16-24 hours</b>
<b>Total Curriculum Requirements .....</b>	<b>128 hours</b>

Must have a cumulative GPA of 2.5/4.0 or better.

\*May be retaken to a maximum of 12 hours, but only the required six hours are counted toward the major.

\*\*CHE 330, 349 and 495 may not be used toward the upper division chemistry requirement.

\*\*\*A preparatory course in mathematics (MAT 109) may be required before admission to calculus.

## Minors

### MINOR IN CHEMISTRY

A student may minor in chemistry by completing CHE 111, 115, CHE 112, 116 or 116H 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, 115, CHE 112, 116 or 116H 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, 361/366, and 470.]

## DEPARTMENT OF COMPUTER SCIENCE

Chair  
Dr. Jaleh Rezaie  
(859) 622-2398  
Wallace 417

### Faculty

K. Chang, B. Janeway, D. Morgan, J. Rezaie, C. Rhee,  
E. Styer, A. Tarek, K. Wong, 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.

### Major Requirements ..... 48-54 hours

#### Computer Science Core ..... 42 hours

CSC 160, 190, 191, 195, 200, 310, 312, 330, 340, 370, 440, 460 and two of CSC 300, 320, 350, 390, 400, 425, 490, 540, 545, 546 and 550 that are not required by the option.

#### Options

#### Computer Science (General) ..... 6 hours

(Accredited by the Computer Science Accreditation Commission of the Computer Science Accreditation Board)

CSC 320, 400.

#### Computer Technology ..... 12 hours

EET 254, 302, 303, 354.

### Supporting Course Requirements ..... 21-35 hours

#### Computer Science (General) ..... 31-35 hours

EET 252; MAT 124 or 124H; 214; 224 or 224H; STA 270. Four courses in the natural sciences which must include one biological lab science course and one physical lab science course. Two of these four courses must also be one of the following sequences: BIO 121 and one of BIO 131, 141; CHE 111/115, 112/116; GLY 108, 109; or PHY 201, 202. The other two courses must be chosen from the above sequence courses or from the following: PHY 131, 132, or any 200 level or above science course that counts toward a science major.

#### Computer Technology ..... 21-22 hours

3 hours of CSC 349<sup>1</sup>; EET 251, 252, 253, 257, 351; one of MAT 124\*, 124H, 211\* or 261\*.

### General Education Requirements ..... 30-45 hours

#### Computer Science (General) ..... 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.

#### Computer Technology ..... 45 hours

Standard General Education program, excluding 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 ..... 9-18 hours

#### Computer Science (General) ..... 14-18 hours

#### Computer Technology ..... 6-7 hours

### Total Curriculum Requirements ..... 128 hours

<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 109) may be required before admission to calculus.

### Minor

#### MINOR IN COMPUTER SCIENCE

A student may minor in computer science by completing CSC 160, 190, 191, 195, 310, 330 and one of CSC 200, 312, or 320.

## DEPARTMENT OF EARTH SCIENCES

Acting Chair  
Dr. Melissa Dieckmann  
(859) 622-1273  
Roark 103

### Faculty

W. Borowski, M. Dieckmann, S. Farrar, R. Lierman,  
B. MacLaren, and J. White

### Baccalaureate Degree

#### EARTH SCIENCE/TEACHING (B.S.)

*CIP Code: 40.0703*

**Major Requirements** ..... 30-32 hours  
AGR 215; AST 135; GEO 215; GLY 108, 109, 303, 304,  
351; two from the following: GLY 309, 408, 410, 415, 420,  
512, and 550.

**Minor Requirements** ..... 14-21 hours  
A minor must be taken in an approved base teaching  
certificate area.

**Supporting Course Requirements** ..... 18-22 hours  
BIO 100 or BIO 121; GLY 210 or CHE 100 or 101 and 107  
or 111 and 115; MAT 108 or higher; PHY 101, 102, or 131;  
CSC 104 or CIS 212.

**Teacher Education Requirements** ..... 31 hours  
EDF 103, 203; 319, 413; SED 401; ESE 490, 499, and 551.

**General Education Requirements** ..... 36 hours  
Standard General Education program excluding blocks II,  
VA, VB, 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** ..... 130-143 hours

#### GEOLOGY (B.S.)

*CIP Code: 40.0601*

**Major Requirements** ..... 44 hours  
GLY 107 or 108 or 109 or 172 or 302 or 303 or 304 or  
NAT 305; GLY 309, 315, 409, 410, 415, 420, 550; a  
minimum of 15 additional hours from GLY 351, 408, 490,  
499, 512, 540, 580, GEO 355, GEO 553, GEO 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.

**Supporting Course Requirements** ..... 15-17 hours  
BIO 100 or BIO 121; GLY 210 or CHE 111 and 115; GEO 353 or 355; MAT 108 or higher; PHY 101 or higher.

**General Education Requirements** ..... 39 hours  
Standard General Education program excluding blocks II,  
VA, and 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** ..... 27-29 hours  
**Total Curriculum Requirements** ..... 128 hours

### Minors

#### MINOR IN GEOLOGY

A student may minor in geology by completing a minimum of 18 semester hours as follows: GLY 107 or 108 or 109 or 172 or 302 or 303 or 304 or NAT 305; a minimum of 15 additional hours of upper-division geology courses.

#### 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 215; 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.

## DEPARTMENT OF ECONOMICS

### Chair

Dr. John Wade  
(859) 622-1769  
Beckham 237

### Faculty

S. Dickey, J. Harter, R. Houston, J. O'Connor, F. Ruppel,  
J. Wade, and T. Watkins

### Baccalaureate Degree

#### 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, 230, 231, 320, 330, 331, and 420 or 490.

Majors must select an option in General Economics, Applied Economics, International Economics, or Public Policy. General Economics students must take ECO 420.

**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 as noted above.

**Applied Economics:** MAT 107 or 211; six hours of courses as noted above; 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 as noted above; 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 as noted above.

**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 ..... 28 hours**

**Total Curriculum Requirements ..... 128 hours**

**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**

**Acting Chair**

**Dr. Jack Culross**

**(859) 622-5861**

**Case Annex 467**

**Coordinator of Theatre Programs**

**James Moreton**

**(859) 622-1315**

**Campbell 306**

**Faculty**

**E. Allameh, S. Bailey, G. Bedetti, H. Bennett, H. Blythe, J. Boord-Dill, L. Bosley, J. Bryant, R. Clewett, C. Cook, D. Core, J. Culross, T. Culross, L. Day-Lindsey, M. Dean, C. Delea, D. Elias, R. Freed, S. Garland, A. Gossage, T. Houghton, A. Hunt, B. Hussey, K. Johnson, J. Kenkel, P. Kopacz, P. Kristofik, S. Kroeg, J. Mace, M. MacLaren, S. Martin, K. McQueen, R. Milde, J. Miller, C. Moore, J. Moreton, M. Myers, C. Neumann, S. Nnoromele, B. Plummer, 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 ..... 40-54 hours**

**Core ..... 10 hours**

ENG 301, 302\*\*, 474, 499.

**Options****Literature Emphasis ..... 30 hours**

ENG 350, 351, 352, 353, 410, 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 ..... 15 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 ..... 44 hours**

ENG 335, 430, and THE 110, 135, 150, 200, 210, 220, 235; 285 or 385; three hours from THE 310, 311 or 320; THE 341, 390, 391, and 130/330 (4).

**Supporting Course Requirements****Literature Emphasis ..... 12 hours**

Six hours of a particular foreign language\* or American Sign Language and six hours from the following with no more than three hours from any one group: CMS 210, 300, 310; HIS 336, 340, 345, 346; THE 390, 391; CIS 212 or CSC 104.

**Creative Writing Emphasis ..... 12 hours**

Six hours of a particular foreign language\* or American Sign Language and 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 ..... 18 hours**

Six hours of a particular foreign language\* or American Sign Language and twelve hours from the courses below: CCT 201, 290, 302; ART 152, BEM 375; CIS 105, 212 240; COM 320A (one credit), 320B, 320D, 320E, 320F, 320G, 320H, and 320I; TEC 255, 355; CMS 250, 300, 320, 350.

**General Education Requirements ..... 42-48 hours**

Standard General Education program excluding 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 ..... 27-33 hours****Total Curriculum Requirements ..... 128 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).

**ENGLISH/TEACHING (B.A.)**

*CIP Code: 23.0101*

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 ..... 37-56 hours****Core ..... 22 hours**

ENG 301, 302\*\*; 350 or 351; 352 or 353; 405, 410, 499; 510 or 520.

**Options****English Emphasis ..... 15 hours**

ENG 440, 474; and at least nine additional upper division hours, three of which must be American literature and three British literature; six 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; 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 ..... 0-8 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).

**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).

**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.

**DEPARTMENT OF FOREIGN LANGUAGES AND HUMANITIES**

**Chair**

**Dr. Ezra Engling**  
 (859) 622-2996  
 Case Annex 368

**Faculty**

**D. Carter, M. Cortes-Castaneda, E. Kim, R. King, T. Kiogora, T. Langenbruch, M. Machado, U. Shin, J. Varela, and N. Wright**

1. Certain courses may be inappropriate for students with native or near-native fluency in a particular language; therefore, written approval from the department chair must be obtained by such students wishing to enroll for credit in these courses.
2. Students must earn 30 of the last 36 hours, exclusive of student teaching, through ECU.
3. 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 ECU, the exact minimum to be determined by the department chair in consultation with the foreign language faculty.
4. 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 ECU for application to the major or minor.
5. A grade of "C" or higher is required in each course to be applied toward the major and minor.
6. Students in teaching programs must attain a minimum 2.5 GPA in their teaching major to be recommended for student teaching.
7. All majors must 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**

**FRENCH (B.A.)**

*CIP Code: 16.0901*

**Major Requirements ..... 30 hours**

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, 313, 314, 315, or 400; and nine hours of upper division electives. A grade of "C" or higher is required in each course for credit toward the major. Students are also required to pass a departmental proficiency exam which covers spoken and written language, culture, and literature.

**Supporting Course Requirements ..... 3 hours**

FCC 220 is required. Strongly recommended: six hours in a second foreign language; three hours each in upper division English courses in grammar and literature; HIS 354.

**General Education Requirements ..... 45 hours**

Standard General Education program, excluding block IIIB. Refer to Section Four of this *Catalog* for details on the General Education and University requirements.

**University Requirement ..... 1 hour**

ASO 100.

**Free Electives ..... 49 hours**

**Total Curriculum Requirements ..... 128 hours**

**FRENCH/TEACHING (B.A.)**

*CIP Code: 16.0901*

**Major Requirements ..... 30 hours**

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, 313, 314, 315, or 400; 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 2.5 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.

**Supporting Course Requirements ..... 3 hours**

FCC 220 is required. Strongly recommended: six hours in a second foreign language; three hours each in upper division English courses in grammar and literature; HIS 354.

**Professional Education Requirements ..... 34 hours**

EDF 103, 203, 319, 413; SED 401; EME 442, EMS 499; ESE 490 and 543.

**General Education Requirements ..... 45 hours**

Standard General Education program, excluding block IIIB. Refer to Section Four of this *Catalog* for details on the General Education and University requirements.

**University Requirement ..... 1 hour**

ASO 100.

**Free Electives ..... 15 hours**

**Total Curriculum Requirements ..... 128 hours**



**SPANISH (B.A.)**

CIP Code: 16.0905

**Major Requirements ..... 30 hours**

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 are also required to pass a departmental proficiency exam which covers spoken and written language, culture, and literature. Strongly recommended: six hours in a second foreign language; three hours each in upper division English courses in grammar and literature; HIS 384.

**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 ..... 49 hours****Total Curriculum Requirements ..... 128 hours****SPANISH/TEACHING (B.A.)**

CIP Code: 16.0905

**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 2.5 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. Strongly recommended: six hours in a second foreign language; three hours each in upper division English courses in grammar and composition; HIS 384.

**Professional Education Requirements ..... 34 hours**

EDF 103, 203, 319, 413, SED 401; 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 ..... 15 hours****Total Curriculum Requirements ..... 128 hours****Minors****MINOR IN FRENCH****Requirements ..... 21 hours**

A student may minor in French by completing a minimum of 21 hours in French, 9 hours of which may include 201, 202, 204, 210 and/or 295. A minimum of 12 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 or 204, 210, and 12 hours of French at the 300 level or above. Students entering the program with no previous French should take FRE 101, 102, 201, 202, 210, and 12 hours of French at the 300 level or above.]

**Supporting Course Requirements ..... 3 hours**

FCC 220 is required. Strongly recommended: HIS 354.

**Total Curriculum Requirements ..... 24 hours****MINOR IN HUMANITIES**

A student may minor in humanities by completing the following courses: HUM 124; 226 or 228; 300 or 395; three hours of foreign culture and civilization (FCC) or REL 301; three hours of upper-division art history; three hours from ENG 335, THE 390, 391, or 430; MUS 272, 371, or 372; PHE 200\* or three hours of upper-division philosophy (PHI). When the major and the minor require the same courses, three hours may be waived from the minor upon the recommendation of the Chair of the Department of Foreign Languages and Humanities. \**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; 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**

Acting Chair  
**Dr. Richard Sambrook**  
 (859) 622-1418  
 Roark 201

Faculty  
**B. Davis, A. Jones, R. Sambrook, D. Yow, and D. Zurick**

**Baccalaureate Degrees**

**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 in

2004. The Department of Geography at EKU 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 EKU 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 200, 210, 220, 351, 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 from one of the speciality areas:  
**Specialty Areas:**  
**Global Studies**  
 GEO 205, 302, 322; 3 hours from GEO 341, 342, 343, 344, or 347; and 6 hours from ANT 435; ECO 394; GEO 330; HIS 347; POL 220; or an Accredited Study Abroad Program.  
**Geotechniques**  
 GEO 353, 355, 553, 555, and 556.  
**Natural Resources**  
 GEO 302, 330, 435; GEO 325 or 430; and 6 hours of upper-division BIO, NAT, GLY, or EHS in consultation with advisor.  
**Community and Regional Planning**  
 GEO 225; GEO 321 or 330; GEO 430 or 525; 6 hours from GEO 321, 325, 330, 435; and 6 hours of upper-division SOC, POL, RST, SPE or EHS in consultation with advisor.  
**Supporting Course Requirements ..... 12 hours**  
 CIS 212; GLY 108; SOC 232; and ECO 120 or ECO 230.  
**General Education Requirements ..... 39 hours**  
 Standard General Education program, excluding blocks IVB, VB, 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.  
**Free Electives ..... 37 hours**  
**Total Curriculum Requirements ..... 128 hours**

Note: Students interested in Travel and Tourism should contact the Department of Geography.

**Minors**

**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 GEOTECHNIQUES**

A student may minor in geotechniques by completing a total of 18 hours as follows: 6 hours from GEO 200, 210, or 220; GEO 353, 355, 553; GEO 555 or 556.

Note: minor not open to geography majors.

**MINOR IN NATURAL RESOURCE GEOGRAPHY**

A student may minor in natural resource geography by completing a total of 18 hours as follows: GEO 210, 200 or 220; GEO 302, 330, 435; GEO 325 or 430.

Note: minor not open to geography majors.

**MINOR IN COMMUNITY AND REGIONAL PLANNING**

A student may minor in community and regional planning by completing a total of 18 hours as follows: 6 hours from GEO 200, 210 or 220; GEO 225; GEO 430 or 525, 6 hours from GEO 321, 330, 325 and 435.

Note: minor not open to geography majors.

**DEPARTMENT OF GOVERNMENT**

**Acting Chair**  
**Dr. Sara Zeigler**  
**(859) 622-5931**  
**McCreary 113**

**Faculty**

**S. Barracca, T. Busson, R. Dean, J. Gershtenson,  
G. Gunderson, L. Noblitt, D. Patton, G. Rainey, J. Rainey,  
K. Stewart, E. Tackett, L. Wimberly, and S. Zeigler**

**Paralegal Program**

The paralegal programs offer a Bachelor of Arts degree 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 (A.A., B.A.) 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.

**TRANSFER STUDENTS**

Transfer students must take a minimum of 15 semester hours of paralegal (LAS) courses at EKU to earn a paralegal degree.

**Baccalaureate Degrees****PARALEGAL SCIENCE (B.A.)**

*CIP Code: 22.0302*

<b>Major Requirements .....</b>	<b>40 hours</b>
LAS 210, 220, 300, 320, 325, 350, 385, 399, 410 and 12 hours from LAS 330, 340, 360, 370, 380, 460 or 490.	
<b>Supporting Course Requirements .....</b>	<b>12 hours</b>
ACC 201, ENG 301, POL 101, and three hours from POL 460, 463, or 464.	
<b>General Education Requirements .....</b>	<b>45 hours</b>
Standard General Education program, excluding block 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>
ASO 100.	
<b>Free Electives .....</b>	<b>30 hours</b>
<b>Total Curriculum Requirements .....</b>	<b>128 hours</b>

**POLITICAL SCIENCE (B.A.)**

*CIP Code: 45.1001*

<b>Major Requirements .....</b>	<b>33 hours</b>
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, 446, 464, or an appropriate POL course approved by the Chair.	
<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>46 hours</b>
<b>Total Curriculum Requirements .....</b>	<b>128 hours</b>

**Associate Degree**

**PARALEGAL STUDIES (A.A.)**

*CIP Code: 22.0302*

**Major Requirements ..... 37 hours**  
LAS 210, 220, 300, 320, 325, 350, 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 301.

**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, 320, 350, 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, 320, 350, 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**

**Acting Chair**

**Dr. David Coleman**  
**(859) 622-1287**  
**Keith 323**

**Faculty**

**T. Appleton, D. Blaylock, D. Coleman, A. G. Dunston,  
T. Hartch, R. Huch, J. Lowry, D. Sefton, J. Spock, C. Taylor,  
R. Topmiller, A. Wohicke, R. Weise, and B. Wood**

**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, 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 201, 202, 203, 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 300 (3 hours), 301, 302A, 303, 305, 401, 402, 403, 404, 405, 406, 407, 408, 411, 412, 413, 415, 420, 424, 433, or 516.

Area II (Europe): HIS 300 (3 hours), 301, 302B, 315, 336, 339, 341, 342, 343, 344, 345, 346, 347, 350, 354, 363, or 365.

Area III (Non-Western): HIS 300 (3 hours), 301, 302C, 320, 374, 375, 378, 380, 383, 384, 385, 386, 387, 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 ..... 46 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 ..... 128 hours****HISTORY/TEACHING (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, 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 EKU 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 201, 202, 203, 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 300 (3 hours), 301, 302A, 303, 305, 401, 402, 403, 404, 405, 406, 407, 408, 411, 412, 413, 415, 420, 424, 433, or 516.

Area II (Europe): HIS 300, (3 hours), 301, 302B, 315, 336, 339, 341, 342, 343, 344, 345, 346, 347, 350, 354, 363 or 365.

Area III (Non-Western): HIS 300 (3 hours), 301, 302C, 320, 374, 375, 378, 380, 383, 384, 385, 386, 387, 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 200; POL 101 and POL 220.

**Professional Education Requirements ..... 31 hours**

EDF 103, 203, 319, 413, SED 401; ESE 449, 490, and 499.

**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****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 (teaching or non-teaching) 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****Chair**

**Dr. Dirk Schlingmann**  
(859) 622-5942  
Wallace 312

**Faculty**

**R. Blythe, R. Buskirk, P. (Patricia) Costello, P. (Patrick) Costello, M. Cropper, M. Gebert, D. Greenwell, K. Jones, L. Kay, A. Maison, S. Metcalf, R. Nelson, S. Redmond, D. Schlingmann, 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 ..... 39 hours**

MAT 124\* or 124H; 214; 224 or 224H; 225 or 225H; 301, 308, 315, 408 or 415; 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 or above.

**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 ..... 43 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: 27.0101*

**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; 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.

**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 ..... 42 hours**

STA 270, 320, 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 ..... 43 hours**

**Total Curriculum Requirements ..... 128 hours**

\* A preparatory course in mathematics (MAT 109) may be required before admission to calculus.

**Minors**

**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.

**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.

**DEPARTMENT OF MUSIC****Chair**

**Mr. Rob James**  
(859) 622-3266  
Foster 101

**Faculty**

**J. Allison, C. Beeler, R. Crosby, K. Haddix, H. Hensley, R. James, K. Kean, J. Koontz, J. Martin, H. Mickens, J. Mulholland, P. Newell, C. Rhoades, P. Sehmman, K. Sehmman, J. Willett, and J. Wolf**

**ADMISSION TO THE MUSIC MAJOR PROGRAM**

Admissions 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 upper division levels. Applied students must complete a jury examination at the end of each semester.

**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 in residence. 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 TEACHING OPTION**

All wind and percussion majors must complete at least three semesters of MUS 256. Students enrolling in more than three ensembles should receive permission for such participation from their applied teacher, ensemble director, and advisor.

**MUSIC PERFORMANCE OPTION**

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.

**MUSIC MERCHANDISING OPTION**

All music merchandising majors must complete two 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 OPTION**

Theory and composition majors must complete four credits of beginning composition (MUS 283) and four credits of advanced composition (MUS 483). Composition students may use the performance of their compositions towards the recital requirement.

**MUSIC (B.M.)**

*CIP Code: 50.0901*

**Major Requirements ..... 61-75 hours**

**Core ..... 44 hours**

MUS 110, 111, 210, 211, or MUS 114 (2) and 115 (2), 181, 182, 281, 282, 366, 399, 480, 383 or 481 or 285, 384, minimum of seven hours of ensemble and minimum of seven hours of applied instrument or voice. Music Ensemble: wind and percussion teaching majors must elect three hours of MUS 256.

**Options**

**Performance/Instrumental ..... 31 hours**

MUS 367 or 368, 499 (1), 550 (2), 551 (2), seventeen additional hours of lower and upper division applied. One additional hour of ensemble, three hours of upper division music theory, and three hours of upper division music history. Six semesters of MUS 101.

**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. One additional hour of ensemble, three hours of upper division music theory and three hours of upper division music history. Six semesters of MUS 101.

**Music Merchandising ..... 26 hours**  
 MUS 190 (2), 191 (2), 290 (2), 349 (2), 390, 391, ACC 201, MGT 301, PUB 375, LAS 210. Six semesters of MUS 101.

**Theory and Composition ..... 26 hours**  
 MUS 283 (4), 483 (4), 555 or 556. Three hours of upper division theory. Three hours of music electives. Three hours of lower division and six hours of upper division selected from any area in Arts and Sciences, except music. Six semesters of MUS 101.

**Music Teaching/Instrumental ..... 11 hours**  
 MUS 230, 251, 252, 320, 330, 351, 352, 354, 364, 365, 367. Six semesters of MUS 101.

**Music Teaching/Vocal ..... 17 hours**  
 MUS 220 (1), 230, 251, 351, 354, 364, 365, 368, 513 (2). Six semesters of MUS 101.

**Professional Education Requirements for Music Teaching Option ..... 34 hours**  
 EDF 103, 203, 319, 413, SED 401, EME 378, EMS 499, ESE 579, ESE 490 (instrumental students will be excused from taking the methods course that includes their major applied instrument).

**Supporting Course Requirements ..... 9-15 hours**  
 Performance ..... 9 hours  
 MUH 272, 371, 372.  
 Music Merchandising Option ..... 15 hours  
 CCT 201, CSC 104 or CIS 212, MUH 272, 371, 372.  
 Theory and Composition Option ..... 9 hours  
 MUH 272, 371, 372.  
 Music Teaching Option ..... 9 hours  
 MUH 272, 371, 372.

**General Education Requirements ..... 36-39 hours**  
 Standard General Education program, excluding blocks IIIA and VIII (6 hours) for Performance, Theory and Composition and Music Teaching. Blocks IIIA, VII (QS), and VIII (6 hours) are excluded for Music Merchandising. 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 ..... 18 hours**  
 MUS 181, 182, MUH 371, 372, and four hours of electives in music. Candidates must pass the Piano Proficiency Requirement or take MUS 110 and 111 which cannot be counted as a part of the minor.

**DEPARTMENT OF PHILOSOPHY AND RELIGION**

**Chair**

**Dr. Steven Parchment**  
 (859) 622-1400  
 Case Annex 268

**Faculty**

**M. Austin, T. Gooch, B. Gray, R. Messerich, L. Newhart, A. Nguyen, P. Nnoromele, S. Parchment, and F. Williams**

**Baccalaureate Degree**

**PHILOSOPHY (B.A.)**

*CIP Code: 38.0101*

**Major Requirements ..... 36 hours**  
 PHI 100, 110, 130, 300, 320, 330, 333, 371, 499; 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 ..... 43 hours**

**Total Curriculum Requirements ..... 128 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. Mark Biermann**  
(859) 622-1521  
Moore 351

### Faculty

M. Biermann, M. Ciocca, J. Cook, C. Kulp, 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 ..... 37 hours**

##### **Core ..... 21 hours**

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, 112, 115, 116 or 116H, 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 ..... 28 hours**

#### **Total Curriculum Requirements ..... 128 hours**

\*A preparatory course (MAT 109) in mathematics may be required before admission to MAT 124.

#### **PHYSICS/TEACHING (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 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, 112, 115, 116 or 116H; 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, 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.

### Associate Degree

#### **SCIENCE FOR ENGINEERING (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\*, 112\*, 115\*, 116\* or 116H\*; 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 PHY 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.

**DEPARTMENT OF PSYCHOLOGY**

**Chair**  
**Dr. Robert Brubaker**  
 (859) 622-1105  
 Cammack 127

**Faculty**

**D. Beal, T. Botts, R. Brubaker, M. Bundy, C. Clement, S. Falkenberg, V. Falkenberg, J. Flanagan, D. Florell, J. Gore, A. Hale, R. Lorden, D. Mercer, R. Mitchell, J. Palmer, R. Perrine, E. Popp, S. Wilson, and M. Winslow**

**Baccalaureate Degree**

**PSYCHOLOGY (B.S.)**  
*CIP Code: 42.0101*

**Program Objectives**

Upon completion of the Psychology degree graduates will: 1) be familiar with the major concepts, theoretical perspectives, empirical findings, and historical trends in psychology; 2) understand and apply basic research methods in psychology, including research design, data analysis, data interpretation, and the ethical treatment of human subjects; 3) respect and use critical and creative thinking, skeptical inquiry, and when possible, the scientific approach to solve problems related to behavior and mental processes; 4) understand and apply psychological

principles to personal, social and organizational issues; 5) be able to weigh evidence, tolerate ambiguity, act ethically, and reflect other values are the underpinnings of psychology as a discipline; 6) demonstrate information competence and the ability to use computers and other technology for many purposes; 7) be able to communicate effectively in a variety of formats related to the discipline of psychology; 8) recognize, understand, and respect the complexity of sociocultural and international diversity; 9) develop insight into their own and others' behavior and mental processes and apply effective strategies for self-management and self-improvement; 10) emerge from the major with realistic ideas about how to implement their psychological knowledge, skills, and values in occupational pursuits in a variety of settings; 11) be prepared for employment and/or graduate training in a variety of fields.

**Major Requirements** ..... 37 hours  
 PSY 200, 250, 291, 301, 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  
 (3) Developmental: PSY 312, 314, 316  
 (4) Social/Personality: PSY 300, 305, 308  
 (5) Skills: PSY 405, 406, 490, 590  
 (6) Capstone: PSY 349 (2 hours) and 449 (1 hour) or 401 or 400

In addition, the student must take nine hours of upper-division psychology electives. At least three of these must be numbered 400 or above. (PSY 349, 407, and 449 may not be used as electives.) 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** ..... 39 hours  
**Total Curriculum Requirements** ..... 128 hours

**SECOND MAJOR IN PSYCHOLOGY**

Requirements are the same for a first or a second major in psychology.

**Minor**

**MINOR IN PSYCHOLOGY**

Requirements for a minor are PSY 200 plus electives in PSY to total 18 hours.

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# College of Business and Technology

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**Dr. Robert B. Rogow, Dean**  
**Business and Technology Center 214**  
**(859) 622-1409**

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

**Dr. Janna P. Vice, Associate Dean**  
**Business and Technology Center 214**  
**(859) 622-1574**

## 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.

## DEPARTMENT OF AGRICULTURE

**Chair**  
**Dr. Bruce Pratt**  
**(859) 622-2228**  
**Carter 2**

### Faculty

**S. Black, B. Fair, C. Hagan, G. Janicke, and M. McDermott**

The Department of Agriculture offers Bachelor of Science and Associate of 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 WITH MINOR IN BUSINESS\*\* (B.S.)**

*CIP Code: 01.0301*

- University Requirement ..... 1 hour**  
BTO 100.
- General Education Requirements ..... 39 hours**  
Standard General Education program, excluding blocks IVA, IVB, and VB. Refer to Section Four of this *Catalog* for details on the General Education and University requirements.
- Supporting Course Requirements ..... 8 hours**  
BIO 121; CHE 101 and CHE 107 (1).
- Free Electives ..... 6 hours**
- Minor Requirements\* ..... 21 hours**
- Major Requirements ..... 53 hours**  
AGR 125, 126, 130, 131, 210, 213, 215, 304, 305, 308, 310 or 350, 411; four hours from AGR 301, 302, or 349; 20 hours in AGR and/or OHO upper division electives with a maximum to eight hours in any option area.
- Total Curriculum Requirements ..... 128 hours**

\*CCT 201 may be used for the business minor in this degree option.

\*\*Minor in other fields may be substituted if approved by department chair and Dean of the College of Business and Technology. Students completing requirements in the Pre-Veterinary Medicine Program with a minor in chemistry will be designated Agriculture/Pre-Veterinary majors.

**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.
- Supporting Course Requirements ..... 17 hours**  
ACC 201, BIO 121, CHE 101 and CHE 107 (1), ECO 230; CIS 212 or CCT 201 or CSC 104.
- Free Electives ..... 11-15 hours**
- Major Requirements ..... 59-63 hours**
  - Core ..... 45 hours**  
AGR 125, 126, 130, 131, 210, 213, 215, 304, 305, 308, 310 or 350, 411; four 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: ..... 15 hours**  
AGR 315, 321, 381, 409, and 440.
  - Agriculture Systems Management: ..... 14 hours**  
AGR 272, 318, 362, 381, and 383.
  - Agronomy and Natural Resources: ..... 15 hours**  
AGR 312 or 345; 315, 321, 340, and 416.
  - Dairy Herd Management: ..... 14 hours**  
AGR 225, 321, 375, and 380.
  - Livestock Production: ..... 18 hours**  
AGR 225, 321, 327, 328, and 409.

Business and Technology

**Soils ..... 16 hours**  
 AGR 312 or 345; 315, 317, 318, 340, and 416.  
**Total Curriculum Requirements ..... 128 hours**

**CAREER AND TECHNICAL EDUCATION**  
**AGRICULTURE EDUCATION TEACHER CERTIFICATION**  
**TEACHING (B.S.) AREA MAJOR**  
*CIP Code: 13.1320*

Offered in cooperation with the Department of Technology. See Department of Technology - Agriculture Education Option. This curriculum entails all requirements necessary for teacher certification for agriculture education.

**HORTICULTURE WITH MINOR IN BUSINESS (B.S.)**  
*CIP Code: 01.0603*

**University Requirement ..... 1 hour**  
 BTO 100.  
**General Education Requirements ..... 39 hours**  
 Standard General Education program, excluding blocks IVA, IVB, and VB. Refer to Section Four of this *Catalog* for details on the General Education and University requirements.  
**Supporting Course Requirements ..... 12 hours**  
 BIO 121 and 131; CHE 101 and CHE 107 (1).  
**Free Electives ..... 4 hours**  
**Minor Requirements\* ..... 21 hours**  
**Major Requirements ..... 51 hours**  
 OHO 131, 132, 351; AGR 210, 213, 215, 304, 305, 308, 315, 411; twelve hours from OHO 370 or 384; OHO 371, 385 or AGR 417; OHO 372 or 388; OHO 391 or 389; four hours from OHO 301, 349; and seven hours upper division OHO and/or AGR electives.  
**Total Curriculum Requirements ..... 128 hours**

\*CCT 201 may be used for the business minor in this degree option.

\*\*Minor in other fields may be substituted if approved by department chair and Dean of the College of Business and Technology.

**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.  
**Supporting Course Requirements ..... 21 hours**  
 BIO 121 and 131, CHE 101 and 107 (1) ; ACC 201, ECO 230; CIS 212 or CCT 201 or CSC 104.  
**Free Electives ..... 10 hours**  
**Major Requirements ..... 60 hours**  
**Core ..... 42 hours**  
 OHO 131, 132, 351, AGR 210, 213, 215, 304, 305, 308, 315, 349 (4), 409, 411; seven hours of upper division electives from AGR and/or OHO electives, and one of the following options:

**Floriculture/Greenhouse Management: ..... 18 hours**  
 OHO 301 (1), 352, 362E, 364, 384 or 385, 388, 389, and AGR 417.  
**Landscape Horticulture: ..... 18 hours**  
 OHO 261, 262, 370, 371 or 372, 391 and 392.  
**Turfgrass Management ..... 18 hours**  
 OHO 301 (1), 352, 354, 362A, 362G, 370, 410 (2); AGR 362 and 416, and (1) hour OHO and/or AGR upper division.  
**Total Curriculum Requirements ..... 128 hours**

**Associate Degree**

**TECHNICAL AGRICULTURE (A.S.)**  
*CIP Code: 01.9999*

**Supporting Course Requirements ..... 17 hours**  
 BTO 100, six hours of English composition\*, three hours of general education humanities\*, ECO 230, CHE 101 and 107 or 105 and 107.  
**Free Electives ..... 4 hours**  
**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; 4 hours departmental electives, and one of the following options:  
**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 ..... 12 hours**  
 OHO 362E, 364, 388, 389; 384 or 385.  
**Landscape Horticulture ..... 12 hours**  
 OHO 261, 262; 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.

Business and  
 Technology

**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 AGR 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 may apply through the Pre-Vet advisor or through the

Veterinary Medical College Application Service (VMCAS). The application deadline is October 1. Students should follow application instructions regarding updating of 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. There are some specific alternatives depending on a student’s background.

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, 372A, 421, BIO 141, CHE 361, 362, 366, 367, 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 three additional credit hours of 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 ..... 83-85 hours**

**Requirements at Auburn for Students with a Bachelors Degree**

AGR 421 .....	3
AGR 372A .....	1
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
PHY 131 .....	5
PHY 132 .....	5
Science Electives .....	6

**\*\*Recommended Science Electives for Auburn:**

AGR 321 .....	3
AGR 373 .....	3
AGR 374 .....	3
AGR 375 .....	3
AGR 376 .....	3
BIO 315 .....	4
BIO 320 .....	4
BIO 342 .....	4
BIO 348 .....	4
BIO 371 .....	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.

## **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. Only 17 percent of the nation’s business schools have achieved AACSB accreditation.

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.



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.

**Business and  
Technology**

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. 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.
4. At least 50 percent of the business course credit hours required for the BBA and BS Insurance degrees must be completed at EKU.
6. A minimum of an overall 2.25 GPA is required for the BBA programs in the following courses: (See specific degree requirements for each major)

#### **BACHELOR OF BUSINESS ADMINISTRATION**

**BBA Supporting Courses:** MAT 107 and/or MAT 211, QMB 240 (if required by major), SOC 131, ECO 230, and ECO 231;

**BBA Pre-Business Core:** ACC 201, ACC 202, GBU 204, and QMB 200;

**BBA Core:** CCT 300, 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, ACC 202, GBU 204, and QMB 200.

**BS Insurance Core:** CCT 300, CIS 300, FIN 300, MGT 300, MKT 300, INS 370, and INS 374.

CCT 300 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.)

#### **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 300, CIS 300, FIN 300, MKT 300, MGT 300, 370, and GBU 480) students must have:

1. completed ACC 201, ACC 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.

#### **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  
TBA

(859) 622-1087

Business and Technology Center 108

#### Faculty

C. Blades, R. Chen, B. Claassen, Z. Eser, O. Feltus, E. Fenton, R. Fern, S. Gakpo, M. Hawksley, B. Hill, P. Jones, D. Ke, P. Kensicki, C. Lin, S. Loy, T. Randles, R. Rogow, and D. Thorne

## Baccalaureate Degrees

### ACCOUNTING (B.B.A.)

*CIP Code: 52.0301*

- University Requirement** ..... 1 hour  
BTO 100.
- General Education Requirements** ..... 39 hours  
Standard General Education program, excluding general education blocks II, VB, and VC. Refer to Section Four of this *Catalog* for details on the General Education and University requirements.
- Supporting Course Requirements** ..... 12-15 hours  
MAT 211 or the combined courses of MAT 107 and QMB 240; SOC 131; ECO 230, 231.
- Free Electives (non-business)** ..... 9-12 hours
- Business Requirements**
- Pre-Business Core** ..... 12 hours  
ACC 201, 202; GBU 204; QMB 200.
- Business Core** ..... 21 hours  
CCT 300, CIS 300, FIN 300, MGT 300, MGT 370, MKT 300, GBU 480.
- Major Requirements** ..... 31 hours  
ACC 250, 301, 302, 322, 327, 350, 425, 441, and nine elective hours (six from ACC 523, 501, 442, 521, 525, 527 or 440; and an additional three from this list or a non-accounting course approved by advisor, or ACC 349).
- Total Curriculum Requirements** ..... 128 hours

### COMPUTER INFORMATION SYSTEMS (B.B.A.)

*CIP Code: 52.1201*

- University Requirement** ..... 1 hour  
BTO 100.
- General Education Requirements** ..... 39 hours  
Standard General Education program, excluding general education blocks II, VB, and VC. Refer to Section Four of this *Catalog* for details on the General Education and University requirements.
- Supporting Course Requirements** ..... 12-15 hours  
MAT 211 or the combined courses of MAT 107 and QMB 240; SOC 131; ECO 230, 231.
- Free Electives (non-business)** ..... 13-16 hours
- Business Core Requirements**
- Pre-Business Core** ..... 12 hours  
ACC 201, 202; GBU 204; QMB 200.
- Business Core** ..... 21 hours  
CCT 300, CIS 300, FIN 300, MGT 300, MGT 370, MKT 300, GBU 480.
- Major Requirements** ..... 27 hours  
CIS 215, 250, 340, 375, 380, 435, 480, and six elective hours (three from CIS 355, CIS 370, CIS 400, CIS 410, or CIS 436; and an additional three from this list or a non-CIS upper-division course approved by advisor.)
- Total Curriculum Requirements** ..... 128 hours

**FINANCE (B.B.A.)**

*CIP Code: 52.0801*

- University Requirement ..... 1 hour**  
BTO 100.
- General Education Requirements ..... 39 hours**  
Standard General Education program, excluding general education blocks II, VB, and VC. Refer to Section Four of this *Catalog* for details on the General Education and University requirements.
- Supporting Course Requirements ..... 12-15 hours**  
MAT 211 or the combined courses of MAT 107 and QMB 240; SOC 131; ECO 230, 231.
- Free Electives (non-business) ..... 13-19 hours**
- Business Requirements**
  - Pre-Business Core ..... 12 hours**  
ACC 201, 202; GBU 204; QMB 200.
  - Business Core ..... 21 hours**  
CCT 300, CIS 300, FIN 300, MGT 300, MGT 370, MKT 300, GBU 480.
- Major Requirements ..... 24-27 hours**  
QMB 300; FIN 301, 350; and one of the following options:  
**Managerial Finance Option:**  
FIN 401, 455, ACC 301, 302, 327, 350.  
**General Finance Option:**  
FIN 324, 401, 405, 420, 455, and three hours from RST 310, 330 or FIN 304.  
**Real Estate Finance Option:**  
FIN 304, 405; RST 310, 330, 401.
- Total Curriculum Requirements ..... 128 hours**

**INSURANCE (B.B.A.)**

*CIP Code: 52.1701*

- University Requirement ..... 1 hour**  
BTO 100.
- General Education Requirements ..... 39 hours**  
Standard General Education program, excluding general education blocks II, VB, and VC. Refer to Section Four of this *Catalog* for details on the General Education and University requirements.
- Supporting Course Requirements ..... 12-15 hours**  
MAT 211 or the combined courses of MAT 107 and QMB 240; SOC 131; ECO 230, 231.
- Free Electives (non-business) ..... 16-19 hours**
- Business Requirements**
  - Pre-Business Core ..... 12 hours**  
ACC 201, 202; GBU 204; QMB 200.
  - Business Core ..... 21 hours**  
CCT 300, CIS 300, FIN 300, MGT 300, MGT 370, MKT 300, GBU 480.
- Major Requirements ..... 24 hours**  
INS 370, 372, 374, 378, 486, and nine additional hours of insurance electives may be taken from the following:  
INS 349 --up to a maximum of six hours, INS 380, 476, and 474, INS 400--up to a maximum of six hours total, INS 490 - up to a maximum of six hours; APS 350, 351, APS 352, 438, 465, FSE 221, 322, 350, 361, 366, TRS 332, and 342.
- Total Curriculum Requirements ..... 128 hours**

**INSURANCE (B.S.)**

*CIP Code: 52.1701*

- University Requirement ..... 1 hour**  
BTO 100.
- General Education Requirements ..... 42 hours**  
Standard General Education program, excluding blocks II and VB. Refer to Section Four of this *Catalog* for details on the General Education and University requirements.
- Supporting Course Requirements ..... 6-9 hours**  
MAT 211 or the combined courses of MAT 107 and QMB 240; ECO 230.
- Free Electives (At least one hour must be upper division) ..... 22-25 hours**
- Business Requirements**
  - Pre-Core ..... 12 hours**  
ACC 201, 202; GBU 204; QMB 200.
  - Core ..... 21 hours**  
CCT 300, CIS 300, FIN 300, MGT 300, MKT 300; INS 370, 374.
- Insurance Major Requirements ..... 21 hours**  
INS 372, 378, 400; 486 or 488 or 474; and nine hours from INS 349 (1-6 hours), 376, 380, 382, 384, 400 (1-3 hours), 490 (1-6 hours), HCA 370, GBU 310, 311, MGT 330, MKT 310, APS 350, 351, 352, 438, 465, FSE 221, 322, 350, 361, 366, TRS 332 or 342.
- Total Curriculum Requirements ..... 128 hours**

**Minors**

**MINOR IN COMPUTER INFORMATION SYSTEMS**

A minor in computer information systems is offered for students in programs other than in Business. The minor consists of 18 hours of computer information systems courses including CIS 215, 340, 380, 435, and six hours of upper division computer information systems courses or approved upper-division equivalent computer courses. 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 REAL ESTATE

The 18-hour real estate minor for non-business majors includes six hours of required business courses, 9 hours of required real estate courses, and three hours of real estate electives. The required business courses must be completed with a grade of "C-" or better prior to enrolling in any required real estate or real estate elective course. Students minoring in real estate must earn at least 12 hours of the total hours used for the minor in residence at EKU and maintain a cumulative GPA of 2.25 in all courses comprising the minor.

**Required Business Courses ..... 6 hours**

ACC 201 and ECO 231.

**Required Real Estate Courses ..... 9 hours**

RST 310, 320, and 330.

**Real Estate Electives ..... 3 hours**

Any three hour upper division RST elective course for which prerequisites have been met.

### 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, with a minimum of college algebra (MAT 107 at EKU), and completion of the following courses:

**Supporting Course Requirements ..... 12 hours**

QMB 200, ECO 230, CMS 100, MAT 107 and (QMB 240 or MAT 211 or MGT 340).

**Major Requirements ..... 34 hours**

ACC 201, 202, 250, 301, 302, 327, 322, 350, 441, 440 and six hours from 400-500 level Accounting courses.

**Total Curriculum Requirements ..... 46 hours**

#### CERTIFICATE IN REAL ESTATE

The Certificate in Real Estate is designed to prepare applicants for licensure as real estate brokers or certification as real property appraisers in Kentucky.

Requirements include completion of at least 45 semester college level hours and permission of the Chair of the Department or a valid real estate sales associate license or state-certified residential appraiser certificate and completion of the following courses:

**Requirements ..... 12 hours**

RST 310, 320 (or 410), 330, 401.

**Total Curriculum Requirements ..... 45 hours**

## DEPARTMENT OF MANAGEMENT, MARKETING, AND ADMINISTRATIVE COMMUNICATION

### Chair

Dr. Norb Elbert  
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Business and Technology Center 11

### Faculty

F. Awang, P. Brewer, S. Brown, L. Carnes, M. Case, R. Davis, A. Engle, J. Fisher, S. J. Garner, E.J. Keeley, K. Kincer, T. Kiessling, T. McGlone, R. Powers, M. Reid, E. Renio, M. Roberson, M. Robles, C. Siegel, J. Spain, K. Tabibzadeh, and J. Vice

### Baccalaureate Degrees

#### CORPORATE COMMUNICATION AND TECHNOLOGY (B.B.A.)

CIP Code: 52.0204

**University Requirement ..... 1 hour**  
BTO 100.

**General Education Requirements ..... 39 hours**  
Standard General Education program, excluding general education blocks II, VB, and VC. Refer to Section Four of this *Catalog* for details on the General Education and University requirements.

**Supporting Course Requirements ..... 12 hours**  
MAT 107 or MAT 211; SOC 131; ECO 230, 231.

**Free Electives (non-business) ..... 9 hours**

#### **Business Requirements**

**Pre-Business Core ..... 12 hours**  
ACC 201, 202; GBU 204; QMB 200.

**Business Core ..... 21 hours**  
CCT 300, CIS 300, FIN 300, MGT 300, MGT 370, MKT 300, and GBU 480.

**Major Requirements ..... 34 hours**  
CCT 106, 200, 250, 290, 302, 303, 310, 550, 570, 580, CMS 300, and MGT 340.

**Total Curriculum Requirements ..... 128 hours**

#### GENERAL BUSINESS (B.B.A.)

CIP Code: 52.0101

**University Requirement ..... 1 hour**  
BTO 100.

**General Education Requirements ..... 39 hours**  
Standard General Education program, excluding general education blocks II, VB, and VC. Refer to Section Four of this *Catalog* for details on the General Education and University requirements.

**Supporting Course Requirements ..... 12 hours**  
MAT 107 or MAT 211; SOC 131; ECO 230, 231.

**Free Electives (non-business) ..... 10-13 hours**

**Business Requirements**

**Pre-Business Core** ..... 12 hours  
ACC 201, 202; GBU 204; QMB 200.

**Business Core** ..... 21 hours  
CCT 300, CIS 300, FIN 300, MGT 300, MGT 370, MKT 300, GBU 480.

**Major Requirements** ..... 30-33 hours  
CIS 400, GBU 201, MGT 340, and one of the following options:

**General Business Option:**

Three hours in a 400 level Marketing Course, three hours in Finance (FIN 301, 302, 304, 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.

**International Business Option:**

Six hours of foreign language, CCT 310, MGT 430, MKT 400, FIN 330; 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, co-operative education, or approved upper-division courses in business or economics (ECO 394).

**Total Curriculum Requirements** ..... 128 hours

**MANAGEMENT (B.B.A.)**

*CIP Code: 52.0201*

**University Requirement** ..... 1 hour  
BTO 100.

**General Education Requirements** ..... 39 hours  
Standard General Education program, excluding general education blocks II, VB, and VC. Refer to Section Four of this *Catalog* for details on the General Education and University requirements.

**Supporting Course Requirements** ..... 12 hours  
MAT 107 or MAT 211; SOC 131; ECO 230, 231.

**Free Electives (non-business)** ..... 13 hours

**Business Requirements**

**Pre-Business Core** ..... 12 hours  
ACC 201, 202; GBU 204; QMB 200.

**Business Core** ..... 21 hours  
CCT 300, CIS 300, FIN 300, MGT 300, MGT 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 management electives above the core.

**Human Resource Management Option:**

MGT 410, 425, 440, 445.

**Approved Business Electives** ..... 6 hours

**Total Curriculum Requirements** ..... 128 hours

**MARKETING (B.B.A.)**

*CIP Code: 52.1401*

**University Requirement** ..... 1 hour  
BTO 100.

**General Education Requirements** ..... 36-39 hours  
Standard General Education program, excluding general education blocks II, VB, and VC. 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.

**Supporting Course Requirements** ..... 12-15 hours  
MAT 107 or 211; SOC 131; ECO 230, 231, MUS 272 (For Music Marketing Option).

**Free Electives (non-business)** ..... 1-13 hours

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 300, CIS 300, FIN 300, MGT 300, MGT 370, MKT 300, GBU 480.

**Major Requirements** ..... 27-39 hours

**Marketing Option** ..... 27 hours  
MKT 350, 400, 455, MGT 340 and 15 hours of approved marketing electives above the core.

**Music Marketing Option** ..... 30 hours  
MUS 190 (2), 191 (2), 290 (2), 390 (3), 391 (3), MGT 340, and 15 hours from the following courses: MKT 304, 306, 310, 349, 400, 401, or MGT 330.

**Professional Golf Management Option** ..... 39 hours  
MKT 350, 404, 455, 349 (3), 481 (3), MGT 201\*, MGT 320, MGT 330, MGT 340; additional requirements: AGR 304 (4), OHO 351 (4), OHO 362G (1), NFA 445.

**Approved Business Electives** ..... 3 hours

**Total Curriculum Requirements** ..... 128 hours

\*MGT 201 A, B, C, D, E, F (1/2 hour) required of all PGM students for six semesters, up to a maximum of three credits.

**BUSINESS AND MARKETING  
EDUCATION/TEACHING (B.S.)**

*CIP Code: 13.1303*

**University Requirement** ..... 1 hour  
BTO 100.

**General Education Requirements** ..... 39 hours  
Standard General Education program, excluding general education blocks II, VB, and VC. Refer to Section Four of this *Catalog* for details on the General Education and University requirements.

**Supporting Course Requirements** ..... 9 hours  
MAT 107 or MAT 211; ECO 230, 231.

**Free Electives (non-business)** ..... 2 hours

**Teacher Education Requirements** ..... 31 hours  
EDF 103, 203, 319, 413, ESE 490, 499, 573 and SED 401.

**Business Core ..... 15 hours**  
 CIS 300, FIN 300, GBU 204, MGT 300, and QMB 200.  
**Major Requirements ..... 31 hours**  
 ACC 201, 202, 250, CCT 101, 200, 201, 302, 570; MKT 300;  
 MGT 340 and three hours from MKT 304, 310, 320 or 400.  
**Total Curriculum Requirements ..... 128 hours**

**Associate of Applied Science Degree**

**OFFICE SYSTEMS AND TECHNOLOGIES (A.A.S.)**

*CIP Code: 52.0401*

**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.  
**Free Electives (non business) ..... 4 hours**  
**Business Requirements**  
**Supporting Course Requirements ..... 16 hours**  
 ACC 201, 202, 250; 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 ..... 64 hours**

**Minors**

**MINOR IN BUSINESS**

The Business Minor is offered for students majoring in programs other than in 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, ACC 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 300, CIS 300, FIN 300, GBU 204, MGT 300, MKT 300.  
**Supporting Course ..... 3 hours**  
 ECO 230.  
**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 300 (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 300, 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**

**Chair**  
**Dr. Maureen Everett**  
**(859) 622-1871**  
**Combs 317**

**Faculty**

**R. Beehner, M. Branstetter, A. Cooke-Jackson, K. Crooks, J. Fitch, R. Francies, J. Gleason, E. Hansen, M. Hesse, D. Rogers, K. Rudick, J. Taylor, A. Thieme, J. Violette, and F. Wellman**

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 continue to provide excellence in learning through the use of innovative process 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

**Business and  
 Technology**

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 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**

Two student media productions are supervised by the department: the student newspaper, *The Eastern Progress*; 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 co-op 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 average in all courses (core and supporting) required for the major or minor.

**Baccalaureate Degrees**

**BROADCASTING AND ELECTRONIC MEDIA (B.A.)**

*CIP Code: 09.0701*

**University Requirement ..... 1 hour**  
BTO 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.

**Free Electives ..... 37-39 hours**

**Major Requirements ..... 40-42 hours**

**Broadcasting & Electronic Media Core ..... 19 hours**

BEM 240, 295 (4), 300, 370 (4) or 395 (4), 343 (1) or 349 (1) or 398 (1), COM 200, 491 (1).

**Options ..... 21-23 hours**

**General: 22 hours**

BEM 425, 495 (4) and 3 hours selected from BEM 375 or COM 201, 3 hours selected from BEM 375, COM 201, 301, 325, 330, or 353, 9 hours selected from BEM 375, 395, 401, 402, COM 201, 300, 301, 320 (A-I) (3), 325, 330, 353, 405, 415, 420, 425, 430, 445, 471, JOU 325, PUB 375, 380.

**Broadcast News: 21 hours**

COM 201, 301, 405, BEM 401, 402, and 6 hours selected from BEM 375, 425, 495 (4), COM 300, 320 (A-I) (3), 330, 405, 415, 420, 430, 445, JOU 305, 325, 480, PUB 375, 380.

**Film Techniques & Technology: 23 hours**

BEM 350 (3), 351 (3), 353 (3), 370 (4), 425 (3), 495 (4), 352 (3).

**Total Curriculum Requirements ..... 128 hours**

**COMMUNICATION STUDIES (B.A.)**

*CIP Code: 09.0101*

**University Requirement ..... 1 hour**  
BTO 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.

**Free Electives ..... 28 hours**

**Major Requirements ..... 51 hours**

CMS 200, 205, 210, 250, 300, 310, 315 and/or 349 (3 hours), 320, 325, 350, 375, 406, 410, 420, 450, 480, and three hours from the following courses: CMS 353, CMS 400 or CMS 490.

**Total Curriculum Requirements ..... 128 hours**

**JOURNALISM (B.A.)***CIP Code: 09.0401*

- University Requirement** ..... 1 hour  
BTO 100.
- General Education Requirements** ..... 48 hours  
Standard General Education program. Refer to Section Four of this *Catalog* for details on General Education and University requirements.
- Free Electives** ..... 24 hours
- Minor Requirements** ..... 18 hours  
Journalism students must complete a minor in an area outside the Department of Communication.
- Major Requirements** ..... 37 hours  
COM 200, 201, 301, and 491 (1), JOU 302 (1), 305, 310, 325, 401, 425, COM 405, and 8 hours selected from JOU 302, 307, 410, 415, 450, 480, COM 320A-I (up to 4 hours), 330, 415, 430, or 471.
- Total Curriculum Requirements** ..... 128 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.
- Supporting Course Requirements** ..... 21 hours  
COM 320 (3) A-I, 420, ECO 230 or 231, MGT 301 or BEM 425, POL 101 and six hours from the following courses: COM 301, 309, 325, 390, 425, GCM 211, MKT 301, or PUB 385.
- Free Electives** ..... 28 hours
- Major Requirements** ..... 36 hours  
BEM 295(4); 375, COM 200, 201, 405, and 491(1), JOU 305, 325 or TEC 313, PUB 375, 380, 470 (1), 475, 490.
- Total Curriculum Requirements** ..... 128 hours

**Minors****MINOR IN ADVERTISING**

- Requirements** ..... 21 hours  
Courses required for a minor in advertising are COM 320 A-I (3 hours), 325, 425, 471, 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 201, 301, 405 and three hours from BEM 300, 343, 395(4), 398, 402, 415; COM 415, 430; or JOU 401. 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, BEM 375; BEM 240, BEM 295(4), and BEM 415 and two 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  
CMS 200, 205, 210, 250, 300, 310, and three hours from the following courses: CMS 320, 325, 375, or 406.

**MINOR IN DISPUTE RESOLUTION**

- Requirements** ..... 18 hours  
Courses required for a minor in dispute resolution are CMS 205, 250, 320, 325, 420, 450.

**MINOR IN JOURNALISM**

- Requirements** ..... 18 hours  
Courses required for a minor in journalism are COM 200, 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, 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 COM 320 A-I (3 hours), 325, JOU 325, BEM 295(4), 395(4), and GCM 211(2), GCM 212(1). 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 Christopher Holly**  
**Chair and Professor of Military Science**  
**524 Begley, (859) 622-1205, chris.holly@eku.edu**

**Military Science and Leadership Faculty**

**Major Craig Campbell, Major Douglas Clay, Captain Chad Gilbert, Master Sergeant Keith Maxwell, Master Sergeant Richard Sirry**

**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 \$32,000, 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 2,075 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 \$600 annual book allowance, and a \$250-\$400 **monthly** tax-free living allowance. 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. 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 ECU 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)

Colonel Mark K. Roland, Air Force  
(859) 257-7115  
University of Kentucky (Host School)

### AIRFORCE Faculty

R. Gross, R. Horn, S. Ott

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 \$250-\$400 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.

### **TWO-YEAR PROGRAM**

Qualified students attending EKU or transfer students from other institutions who did not enroll in the first two years of Air Force ROTC may receive a commission through the Two-Year Program. Those accepted receive a non taxable subsistence of \$250-\$400 a month and may qualify for an additional \$1500 per semester. The basic requirement to enter this program is that the student have two academic years remaining, either at the undergraduate or graduate level. Selection is competitive. Interested students should contact the Professor of Aerospace Studies early in their sophomore year.

### 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 TECHNOLOGY

**Chair**  
**Dr. William E. Davis**  
**(859) 622-3232**  
**Whalin 307**

### **Faculty**

**A. Adams, J. Adamson, W. Campbell, V. Chandra, D. Dailey, R. Davis, S. Fardo, D. Field, G. Gow, D. Henemier, J. Kilgore, T. Lloyd, M. Marchant, D. Martin, D. Patrick, W. Reynolds, R. Richardson, L. Ross, M. Sheliga, G. Steinbach, and J. Stratman**

The Department of Technology offers Bachelor of Science degree programs in six areas: Aviation, Computer Electronic Networking, Construction Management, Industrial Technology, Graphic Communications Management, and Career and Technical Education.

### **DEPARTMENT GOALS**

The Department of Technology seeks to prepare professionals for careers in Aviation, Computer Electronic Networking, Construction Management, Industrial Technology, 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 Industrial Technology 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.

### **COMPUTER ELECTRONIC NETWORKING**

Graduates of the Computer Electronic Networking program are prepared for a career in the high-tech electronics industry with skills in analysis, installation/maintenance of digital electronic

devices and actuators, programmable logic controllers, computer network systems, laser/fiber optics and communication equipment.

Graduates of this program will demonstrate proficiency in basic networking skills relevant to small office/home (SOHO) 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 Computer Electronic Networking program is accredited by the National Association of Industrial Technology.

### **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 a basic 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.

### **INDUSTRIAL TECHNOLOGY**

Graduates of the Industrial Technology Program are prepared for professional careers in manufacturing industries and businesses. The Manufacturing Option prepares graduates for entry-level positions that include: manufacturing engineer, production engineer, industrial supervisor, industrial engineer, industrial technician, and quality engineer. The Industrial Distribution Option, that includes a Business minor, prepares graduates for positions in all aspects of industrial distribution including: manufacturing, warehouse management, sales and marketing, logistics, inventory and profit management and supply chains/distribution operations.

Graduates of the Industrial Distribution Option in Industrial Technology will have oral, written and graphic communication skills for successful performance in a global supply chain environment; possess functional computer skills including the utilization of general and distribution specific supporting software to generate professional reports; be able to apply mathematical and scientific knowledge in the management and execution of global distribution problem solving; apply the concepts of accounting,

economics, marketing and ethics in the management of a global distribution system; be able to apply technical knowledge through hands-on experiences to solve distribution problems; apply the knowledge of information-based inventory management to create competitive advantage; and integrate elements of distribution and logistic systems to identify and solve problems related to global customer needs.

Graduates of the Manufacturing Option in Industrial Technology 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.

#### **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 3<sup>rd</sup> largest of manufacturing industries.

Graduates of the Graphic Communications Management program will demonstrate advanced competencies in printing and publishing processes and procedures; demonstrate technical competence during a cooperative education experience; demonstrate an understanding of printing processes and methods; and demonstrate competence in the common printing process.

#### **CAREER AND TECHNICAL EDUCATION**

##### **Technology Education Option**

Graduates of the Technology Education option of the B.S. degree program Career and Technical Education are prepared for teaching careers at the middle school and high school levels. A 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 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 manufacturing, communication, construction and related industry system.

##### **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; be able to develop and analyze assessment instruments for technical courses; be able to develop and apply appropriate teaching strategies for technical courses; and be 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 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 National Association of Industrial Technology.

#### **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 in manufacturing industries and businesses. Graduates obtain jobs in manufacturing firms in the machinery, plastics and fabricated metals areas.

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 a career as a computer electronic technician. Graduates obtain jobs in a wide variety of manufacturing and service industries requiring skilled technicians to install, troubleshoot and maintain microprocessors, system components, 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 small office/home (SOHO) 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 manufacturing industries as quality assurance technicians. Their task is to control the manufacturing 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), Computer Electronic Publishing, 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 Technology.

**Baccalaureate Degrees**

**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 (QS), and VIII (6 hours). Refer to Section Four of this *Catalog* for details on the General Education and University requirements.
- Supporting Course Requirements ..... 36-38 hours**  
CSC 104 or CSC 177 or CIS 212 or TEC 161; GEO 215; MAT 107 and 108 or 109 (5); 124 (4) or 211; MGT 300 or 301, 480 or INT 408; PHY 131 (5), 132 (5); PSY 200; and STA 215.
- Free Electives ..... 11-16 hours**
- Major Requirements ..... 45-48 hours**
  - Aviation Core ..... 15 hours**  
AVN 150, 315, 350, 410, 460.
  - Majors must also select an option in professional flight or aerospace management
  - Options:**
    - Professional Flight ..... 33 hours**  
AVN 192 (5), 194A (1), 205A (1), 206A (1), 220, 220A (1), 229A (1), 230A (1), 300 (2), 300A (1), 310 (4), 310A (1), 320 (2), 320A (1), 325 (3), 400 (1), 400A (1), and 425. All electives must be upper division.
    - Aerospace Management ..... 30 hours**  
AVN 340, 360, 370, 390, 401, 402; and twelve hours\*<sup>^</sup> from the following prefixes: ACC, AFS, AVN, CIS, ECO, FIN, GBU, INS, MGT, MKT, MSL, PUB, RST.
    - \*Selection of lower division courses may result in a failure to meet university requirement of 43 hours of upper division credits.
    - <sup>^</sup>May require prerequisites.
- Total Curriculum Requirements ..... 128 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.
- 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.

**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.

**Technology Education ..... 45 hours**  
 CON 121, 201; INT 195, 201, 238, 371; GCM 211(2), 212 (1); TEC 161, 190; EET 251, 303; TTE 163, 233; 6 hours from TTE 461, 462, 464, 465.

**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, and ESE 552. Nine hours 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.

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*).

**COMPUTER ELECTRONIC NETWORKING (B.S.)**  
*CIP Code: 15.1201*

**University Requirement ..... 1 hour**  
 BTO 100.  
**General Education Requirements ..... 30 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.

**Supporting Courses ..... 46 hours**  
 CSC 160 and (CSC 177 or 190); ECO 230, MAT 108, 261, INT 202, 308, 406, 408; PHY 131, 132; STA 270 or QMB 200; TEC 161; and 3 upper division hours of ACC\*, CCT\*, CIS\*, FIN\*, GBU\*, INS\*, MGT\*, MKT\*, QMB\*, or RST\* electives as approved by major advisor.

**Free Electives ..... 9 hours**  
 (A minimum of 4 semester hours must be Upper Division courses including Cooperative Education.)

**Major Requirements ..... 42 hours**  
 EET 251, 252, 253, 254, 257, 302, 303, 343, 351, 403 or 452, 440, 499; Select 6 hours from EET 349, 354, 395.

**Total Curriculum Requirements ..... 128 hours**

The Department of Technology's Computer Electronic Networking 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 a Computer Electronic Networking exit examination before graduation.

Graduates must have an overall GPA of 2.25 in major requirements. The Computer Electronic Networking program is accredited by the National Association of Industrial Technology (NAIT).

**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.

**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 INT 408, PHY 131 (5), 132 (5) or CHE 101, 107 (1); and three upper division hours of \*\*ACC, CCT, CIS, ECO, FIN, GBU, INS, MGT, MKT, QMB, or RST electives as approved by major advisor.

**Free Electives ..... 0 -1 hour**  
**Major Requirements ..... 57 hours**  
 CON 121, 201, 202, 221, 294, 303, 307, 320, 322, 323, 324, 349 (6), 420, 421, 423, 425, and 426; FSE 361.

**Total Curriculum Requirements ..... 128 hours**

The Department of 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.
- Supporting Course Requirements ..... 28 hours**  
ACC 201; CHE 101, 107 (1); CSC 160; ECO 230; GBU 204; MAT 107; ACC 202 or ECO 300 or MGT 301 or MKT 301; PHY 101 and STA 215.
- Free Electives ..... 18 hours**
- Major Requirements ..... 48 hours**  
EET 303, GCM 211 (2), 212 (1), 217, 316, 317, 319, 410, 414; INT 202, 408; TEC 161, 255, 313, 355 and 349 (6 hours).
- Total Curriculum Requirements ..... 128 hours**

Students must take a Graphic Communications Management assessment examination before graduation.

**INDUSTRIAL TECHNOLOGY (B.S.) AREA MAJOR**

*CIP Code: 15.0612*

Prior to enrolling in the last 60 hours of the Industrial Technology degree program students must complete INT 238, 201, 202, TEC 161, 190, MAT 108, PHY 131, CHE 101, 107 (1) or CHE 111, 115 (1); and STA 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 Industrial Technology program is accredited by the National Association of Industrial Technology.

- 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.
- Supporting Course Requirements for**  
**Industrial Distribution ..... 42 hours**  
ECO 230, MAT 108, 211 or 261 or 6 hours of higher level MAT courses; STA 215 or 270 or QMB 200; CHE 101, CHE 107 (1) or CHE 111, 115 (1); PHY 131 (5); ACC

201, ACC 202, GBU 201, GBU 204, MKT 300; select two courses from CCT 300, CIS 300, FIN 300, MGT 300.

**Supporting Course Requirements for**

- Manufacturing ..... 28 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; TEC 349 (4).

**Major Requirements ..... 36 hours**

**Industrial Technology Core:**

- EET 251, INT 201, 202, 308, 310, 352, 371, 406, 408, 499; TEC 161, 190.

*Major must select an option in Industrial Distribution or Manufacturing.*

**Options:**

**Industrial Distribution ..... 18 hours**

- INT 200, 320, 400, 506, MKT 312 or 401.  
Select 3 hours of U.D. technical electives from:  
EET 351, INT 332, 336, TEC 313, 349.

**Manufacturing ..... 24 hours**

- INT 238, 301, 330.  
Select 3 technical hours from:  
EET 252, INT 192, 195; GCM 211 (2), GCM 212 (1).  
Select 12 hours of U.D. technical electives from:  
EET 350, 351, 440, 452; CON 303; INT 320, 332, 336, 383, 390, 392, 397, 506, 530; TEC 313.

**Free Electives (Industrial Distribution Option)**

..... 1 hour

**Free Electives (Manufacturing Option) ..... 9 hours**

**Total Curriculum Requirements ..... 128 hours**

The Department of Technology's Industrial Technology degree program (Manufacturing Option) has an articulation agreement for transfer of credit and cooperation with Bluegrass Community and Technical College (formerly Lexington Community College) Associate in Applied Science Degree in Engineering Technology with Electrical Specialization. In addition, the Department of Technology's Industrial Technology degree program (Manufacturing Option) 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 a assessment examination before graduation. An exam fee is required.

+Transfer students (Manufacturing Option) with an associate degree in an industrial related field may not need to take these 12 hours of electives if upper division requirement can be completed.

\*Industrial Technology majors may apply INT 310 in lieu of CCT 300 toward the minor in Business.

Incorporates a Business Minor into the Industrial Distribution Option.

**Associate of Applied Science 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 ..... 16 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.

**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 (3 hours).

**Option Requirements ..... 39-44 hours**

**Computer Aided Drafting (41 hours)**  
CON 303; INT 192, 195, 201, 330, 383, 390, 392, 397; MAT 108; PHY 131 (5); TEC 161, 190.

**Computer Electronics (44 hours)**  
CSC 160 or 177; EET 251, 252, 253, 254, 257, 302, 303, 343, 351, 399; MAT 108; PHY 131 (5); TEC 161.

**Digital Imaging Design (40 hours)**  
ART 100 or 152; CHE 101, CHE 107 (1); CSC 160; EET 303; GCM 211 (2), 212 (1); 217, 316, 317, 319; TEC 161, 255, 313, 355.

**Quality Assurance (39-40 hours)**

CHE 101, CHE 107 (1) or CHE 111, CHE 115 (1); EET 251; INT 201, 202, 238, 301, 330, 332, 336; MAT 108; QMB 200 or STA 215 or 270; TEC 161, 190.

**Free Electives ..... 1-6 hours**

**Total Curriculum Requirements ..... 64 hours**

Students must take an assessment examination before graduation.

**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 COMPUTER ELECTRONIC PUBLISHING**

**Required Courses ..... 12 hours**

GCM 211 (2), 212 (1), 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 252, 253, 254, 354, 302 and 303. 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, 323, 324, 421, and CON 294. No more than nine hours of courses taken for a major may be counted toward this minor.

Business and  
Technology

**MINOR IN INDUSTRIAL TECHNOLOGY**

**Requirements ..... 21 hours**

TEC 190, INT 201, 202+, 238\*, 308, and six hours of INT 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 INT 202.

\*CHE 101, 107(1) or CHE 111, 115(1) Gen. Ed. Block IVB is a prerequisite for INT 238.

**MINOR IN QUALITY ASSURANCE TECHNOLOGY**

**Requirements ..... 18 hours**

STA 215 or 270, INT 202, 332, 336, 506, and 530. No more than nine hours of courses taken for a major may be counted toward this minor.

**Endorsement**

**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.

**Certificate**

**Career and Technical Education\***

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**  
**(859) 622-1175**  
**Combs 421**

**TBA, Associate Dean**  
**(859) 622-1175**  
**Combs 420**

[www.education.eku.edu](http://www.education.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, N-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 CARES 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 2.5 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](mailto: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](mailto:coeadvising@eku.edu).

### **Planned Curriculum**

Planned curricula in the College of Education are prepared by the Tracking Specialist, Office of Teacher Admission and Certification (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.

### Residency

A candidate for a degree must have been in residence a minimum of 36 weeks and must have earned a minimum of 32 hours while in residence. Students who are completing baccalaureate degree programs which include teacher certification, and students readmitted after a one year absence from the University must have 30 of the last 36 hours in the program, exclusive of student teaching (ELE 499, EMG 499, EMS 499, ESE 499, SED 499), awarded by ECU.

### Application for Graduation

Students must file an application for graduation in the Office of Teacher Admission and Certification (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 TEACHER ADMISSION AND CERTIFICATION

**Director**

TBA

(859) 622-1828

Bert Combs, Room 423

coeadvising@eku.edu

### *To teach, to learn, to help others teach and learn.*

The Office of Teacher Admission and Certification is responsible for admitting students to professional education programs at ECU. 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 Admission and Certification.

To be recommended for 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, PLT exam, or Kentucky test as determined by the major/minor.

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.

### ADMISSION REQUIREMENTS and APPLICATION PROCESS

#### Admission to Professional Education

Admission to the University (academic college) is not synonymous with admission to professional education. Students will apply for admission to professional education in the College of Education's Office of Teacher Admission and Certification (Combs 423). Formal applications will be accepted based upon completion of the following requirements:

#### A. Hours / Residence

- Students must complete 60 hours of credit (excluding developmental level courses).
- Transfer students must complete 12 hours of credit at ECU.

#### B. Admission Test Requirement

- Students 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. Individuals using an ACT alternative option will be required to participate in a PRAXIS preparation program to help ensure success on the PRAXIS exams.

PRAXIS I - PPST (Preprofessional Skills Test) Reading 173; Math 173; 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 EDF 203 (requires completion of admission test requirement [section B] prior to enrollment), ENG 101 and ENG 102.
- Satisfactory grade in EDF 310 for transfer students having completed EDF 203 at another institution.

Undergraduate degree student GPA is based on the hours attempted as shown on the official EKU transcript. Post degree certification student GPA is based on all undergraduate course work and on the hours attempted as shown on the official EKU transcript.

### D. Mathematics Requirement

Students 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

- Students must complete CSC 104 or CIS 212 with a grade of “C” or higher.
- Students with prior computer knowledge and skills may demonstrate proficiency by satisfactorily completing both the written and performance portions (word processing, database, spreadsheet) of the computer literacy test. Students who fail the test must complete CSC 104 or CIS 212 with a grade of “C” or higher. The test option is not available for students required to take CSC 104 or CIS 212 as a part of their major. The university course by examination will not satisfy the computer literacy requirement for the College of Education since it does not have a performance component.

### F. UWR (University Writing Requirement)

Students must achieve satisfactory performance on the University Writing Requirement. All teacher education majors may register to take the UWR during the semester in which they will earn 60 credit hours. (Undergraduate students should also refer to University requirements described in this *Catalog*).

### G. Examinations

- Students 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.
- Students 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.
- Students 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 student 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 Admission and Certification. This should include documentation of communication competence.

### H. Recommendations

Students must submit satisfactory recommendations from four EKU faculty members including the EDF 203 instructor, the advisor and two faculty members with one being from the major.

### I. Interview / Portfolio

Students must satisfactorily complete a formal interview which will include the portfolio presentation. Two faculty members will conduct the interview and portfolio review process.

### J. Ethics Declaration

Students must complete and sign a “Personal and Professional Fitness Declaration” form.

**NOTE:** Based on your disclosure an interview by the Professional Education Admission Committee may be required.

### K. Student Behavior

- Students must have no physical or psychological impairments that would preclude teaching success.

- Students preparing to work in schools as teachers or other professional school personnel must demonstrate dispositions necessary to help all students learn.
- Students must demonstrate acceptable social behavior at the University and in the community-at-large.\* A student interview may be required by the Professional education Admissions Committee.
- Student admission status may be reevaluated if the student is placed on either academic or social probation or has a record of criminal conviction(s).\* A student interview may be required by the Professional Education Admissions Committee.

\* The College of Education will contact the Eastern Kentucky University Office of Judicial Affairs to obtain records of infractions committed by candidates for admission to professional education. The College of Education 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 Admission and Certification 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 student will be notified of the committee's decision.

### APPLICATION FOR CERTIFICATION

**Exams**—Prior to graduation, students must complete required competency examinations and take the PRAXIS Series (Professional Assessments for Beginning Teachers) and PLT exam. All required parts of the PRAXIS test are to be taken during the senior year.

NOTE: Some majors/minors require testing over two semesters. Students 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 Admission and Certification 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 (coecert@eku.edu).

## OFFICE OF PROFESSIONAL LABORATORY EXPERIENCES (Student Teaching and Field Experiences)

### Director

**Dr. Bruce Bonar**  
(859) 622-1544

**Bert Combs, Room 425**

*To teach, to learn, to help others teach and learn.*

- The Office of Professional Laboratory Experiences 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 student assignments.
- Students 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.
- Students 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 Admission and Certification.
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 and approval by the department chair.
4. A valid medical examination report, including current tuberculosis test report. Students 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).
- 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).
- 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).
- 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.

## **OFFICE OF EDUCATIONAL TECHNOLOGY**

### **Technology Coordinator**

TBA

(859) 622-2172

Bert Combs, Room 430

*To teach, to learn, to help others teach and learn.*

The Educational Technology Office 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; administers the computer literacy exam for the College of Education.

## **OFFICE OF EDUCATIONAL RESEARCH AND ASSESSMENT**

### **Director**

Dr. Paul Erickson

(859) 622-2962

Bert Combs, Room 416

*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 and Assessment 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.

## 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 ECU 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 19 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, and central office personnel on job related 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.

## DEPARTMENT OF EDUCATIONAL LEADERSHIP

### Chair

TBA  
(859) 622-1125  
Bert Combs, Room 406

### Faculty

J. Austin, R. Biggin, P. Erickson, and W. Wesley

*To teach, to learn, to help others teach and learn.*

The Department of Educational Leadership offers degree and non-degree graduate programs.

The Educational Leadership department offers programs for persons seeking certification as principals, supervisors, administrators of pupil personnel services, and superintendents. Course work in these areas is designed for those who seek certification and Rank I programs as well as the Specialist in Education.

## DEPARTMENT OF COUNSELING AND EDUCATIONAL PSYCHOLOGY

### Chair

Dr. Kim Naugle  
(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.ecu.edu](http://www.cel.ecu.edu).

## DEPARTMENT OF CURRICULUM AND INSTRUCTION

### Chair

Dr. Michael A. Martin  
(859) 622-2154  
Bert Combs, Room 112

### Faculty

D. Bowen, J. Bucknam, R. Christensen, D. Combs, M. Davis, N. Deters, J. Dickey, J. Moore, J. Guilfoil, S. Hinton, J. Hyndman, C. Jackson, D. Lybrand, M. Kolloff, M. Martin, P. McGuire, C. Resor, J. Thomas, D. Waggoner, R. White, and M. Wilder

*To teach, to learn, to help others teach and learn.*

### 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** ..... **53 hours**  
**ELE Core** ..... **28 hours**  
 ELE 322, 361, 362, 365, 445, 446, 490, 491, 492, 493.  
**Professional Education Requirements** ..... **25 hours**  
 EDF 103, 203, 319, 413, SED 401, and ELE 499.  
**Supporting Course Requirements** ..... **30 hours**  
 LIB 301, MAT 201 and 202 ..... 9 hours  
**Options** ..... **21 hours**  
 Students seeking certification as teachers of P-5 must complete 21 hours from one of the following areas of academic emphasis.

**Arts/Humanities:** To complete an area of emphasis in Arts/Humanities, the student must complete one of the following tracks:

**General Track:** ART 200 (block IIIA), MUH 171 (block VIII), THE 100 (block VIII); ENG 350 or 351; PHI 110 or 130 (block IIIB); and six hours selected from HUM 124, FCC 220, 222, 226, 227, ART, THE, or PHE 200.  
**Visual Arts Track:** ART 100, 101, 152, 153, 200 (block IIIA); and six hours from ART 210, 220, 230, 240, or 270.

**Music Track:** MUH 171 (block VIII), 272 (block VIII); Performance Component: four to nine hours from applied music and/or ensembles, three to eight hours from MUS 181, 182, 371, 372.

**Humanities Track:** HUM 124 (block IIIA/B), 226 (block IIIA/B), 228, MUH 272 (block VIII); ARH 390 or 391 (block VIII); PHI 100 or 110; ENG 350 or 351; and three hours selected from FCC 220, 222, 226, 227, HUM 300, PHE 200, or REL 301.

**English/Communications:** ENG 210 (block IIIB) and 211 or 212; ENG 510, 520, or EME 551; CMS 100 (block IC); ENG 350, 351, or 359; and six hours selected from ENG 301, 405, or 410.

**Foreign Language:** Courses from the academic emphasis must be selected from one of the following options:

**French:** FRE 101 (block VIII), 102 (block VIII), 201, 202, 204, 210; FCC 220.

**German:** GER 101 (block VIII), 102 (block VIII), 201, 202, 240, 340, FCC 222 (block IIIB).

**Spanish:** SPA 101 (block VIII) and 102 (block VIII) or 105, 201, 202, 206; FCC 226 (block IIIB).

**Kindergarten:** CDF 235, 236, ELE 519, SED 518; three hours selected from CDF 346, OTS 515, or SED 360; three hours selected from CDF 327, HEA 375, or SOC 345; and three hours selected from AGR 577, BIO 317, CSC 178, or TEC 322.

**Mathematics:** CSC 104\* (block VIII), MAT 106 (block II), 107\* (block VIII), 203, 205, 303, and STA 270 (block VIII).

**Multi-Disciplinary:** three hours selected from ENG 301, 302, 502, or 503; HIS 202 (block VA) or 203 (block VA); three hours selected from ENG 359, POL 332, or BIO 304; three hours selected from ART 200 (block IIIA), MUH 171 (block IIIA), PHE 200 (block IIIA) or THE 100 (block IIIA); GEO 200 or 220 (block VB); and six hours selected from AST 130 (block VII - NS), 135 (block VII - NS), BIO 317 (block VII - NS), GLY 172 (block VII - NS), GLY 302 (block VII - NS).

**Science:** Nine to twelve hours selected from BIO 102 (block IVA), CHE 100 (block IVB), PHY 102 (block IVB), GLY 102 (block IVB), and CNM 599; AST 130 or 135; GEO 215; and three to six hours selected with advisor approval from BIO 100 (block IVA) (credit not allowed with BIO 102); CHE 101 and 107 (block IVB) 111 and 115 (block IVB) (credit not allowed with CHE 100); PHY 101 or 131 (block IVB) (credit not allowed with PHY 102); GLY 108 (block IVB) (credit not allowed with GLY 102); GLY 109 (block IVB); GLY 302 (credit not allowed with GLY 102).

**Social and Behavioral Sciences:** ECO 120 (block VB); GEO 101 or 200 (block VB); HIS 202 (block VA), 247 (block VC); HIS 516 or POL 332; SOC 345 or CDF 132; and three hours selected from ANT 330, HIS 305, HIS 330, 383, 405, POL 316, or SOC 360.

**General Education Requirements** ..... **36-48 hours**

Standard General Education program excluding courses identified as "block" in each 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** ..... **0-9 hours**

**Total Curriculum Requirements** ..... **128-131 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.

## 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 citizens, 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, 447, and six hours from 491, 492, 493, or 494.

**Professional Education Requirements** .... **25 hours**

EDF 103, 203, 319, 413, SED 401, 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 301, 302, 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, 203, HIS 246 (block VA), 247 (block VC); POL 100 or 101(block VIII); and 3 hours selected from ANT 120, 325, SOC 131, or 345.

**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**

## DEPARTMENT OF SPECIAL EDUCATION

**Chair**  
 TBA  
 (859) 622-4442  
 Wallace Bldg, Room 245

### Faculty

M. Adkins, J. Bolling, V. Brashear, J. Cooper, N. Coyer, M. Diebold, K. Dilka, L. Hayes, C. Hubbard, K. Janssen, S. Mahanna-Boden, S. McCoy, K. Petronio, K. Polmanteer, B. Pruitt, M. Purcell, C. Reeves, P. Sanford, and M. White

### University of Louisville Faculty

T. Cantrell, J. Hurdich, T. Owens, and R. Reihm

*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 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 Admission Requirements and Procedures regarding application to the master’s degree program of study in Communication Disorders.

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, and hearing problems.
2. Assessment and treatment of articulation disorders, phonological delays, delayed or disordered language, stuttering, voice disorders including laryngectomy, 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 retardation, 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.
4. Speech improvement 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 manager 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, 446, 490, 491, 492, 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, ELE 499, SED 499.  
[EDF 413 met with SED 337, SED 401 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.

**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, 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, 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.

**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 at the Louisville campus, contact the Louisville ITP coordinator. For consideration of admission at the Richmond campus, 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 hard of hearing.

**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**

**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**

**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, 446, 490, 491, 492, 493.

**Middle Grade Education (5-9) ..... 12 hours**

EMG 430, 445, 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, ELE 499, and SED 499.

[EDF 413 met with SED 351, SED 401 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**

**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),*

**Learning and Behavior Disorders**

*(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, LBD) ..... 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.

**Learning and Behavior Disorders (LBD)**

**..... 9 hours**

SED 351, 356, and 434.

<b>Supporting Course Requirements .....</b>	<b>12-15 hours</b>
<b>DHH, LBD Options .....</b>	<b>15 hours</b>
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 <i>not</i> be used for Supporting Course Requirements.	
<b>IECE-SEEC Options .....</b>	<b>12 hours</b>
ELE 519, NSC 500, OTS 515, SWK 456.	
<b>Minor Requirements .....</b>	<b>18 hours</b>
<b>DHH, LBD Options</b>	
(Refer to Section Five of this <i>Catalog</i> for list of minors offered)	
<b>IECE-SEEC</b>	
(Minor in Child and Family Studies)	
CDF 235, 246, 327, 344, and 437.	
<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>
EDO 100.	
<b>Free Electives (As needed to complete 128 hours)</b>	
.....	<b>5-19 hours</b>
<b>Total Curriculum Requirements .....</b>	<b>128 hours</b>

### Minors

#### **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.

<b>Required Courses .....</b>	<b>12 hours</b>
ASL 101 .....	3
ASL 102 .....	3
ASL 201 .....	3
ASL 202 .....	3
<b>Electives (select two courses) .....</b>	<b>6 hours</b>
ITP 115, 215, 315, or 337 .....	6
<b>Total Requirements .....</b>	<b>18 hours</b>

#### **SPECIAL EDUCATION (NON-TEACHING)**

Prerequisites must be honored.

<b>Required Courses .....</b>	<b>9 hours</b>
SED 104, SED 260, and SED 341.	
<b>Electives .....</b>	<b>9 hours</b>
SED 240, 300, 337, 338;	
SED 351 or 352 or 353; SED 356, 388;	
SED 434 or 435 or 436; SED 518, 578, 579, 591.	
<b>Total Requirements .....</b>	<b>18 hours</b>

### 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.

<b>Prerequisite Courses* .....</b>	<b>15 hours</b>
ASL 101, 102, 201, and 202; SED 115.	

<b>Required Courses .....</b>	<b>9 hours</b>
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**  
**(859) 622-1523**  
**david.gale@eku.edu**

**Dr. Deborah Whitehouse, Associate Dean**  
**Rowlett 204**  
**(859) 622-1523**  
**deborah.whitehouse@eku.edu**

Department/Area	Contact Person	Phone
Clinical Laboratory Science	Dr. D. B. Barnett	(859) 622-3078
Division of Continuing Education & Dev.	Ms. Kathy Hall	(859) 622-1826
Environmental Health Science	Dr. D. B. Barnett, Chair	(859) 622-3078
Exercise and Sport Science	Dr. Lonnie Davis	(859) 622-1887
Family and Consumer Sciences	Dr. Diane Leggett	(859) 622-3445
Burrier Child Development Center		
Health Promotion and Administration (Health Education, Health Information, Health Services Administration, Medical Assisting Practice)	Dr. Michael Ballard, Chair	(859) 622-1142
Health Sciences Learning Resource Center	Dr. Patsy Daugherty	(859) 622-2091
Nursing (Associate)	Ms. Peggy Tudor	(859) 622-1942
Nursing (Baccalaureate & Graduate)	Dr. Judy Short	(859) 622-1956
BSN/MSN Outreach		
Clinical Nursing Lab	Ms. Kathy Proctor	(859) 622-2092
Occupational Therapy	Dr. Colleen Schneck	(859) 622-3300
Recreation & Park Administration	Dr. Charlie Everett	(859) 622-1833

**For Graduation Assistance in:**  
 Baccalaureate and Graduate Nursing  
 Clinical Laboratory Science/Environmental Health Science  
 Health Promotion and Administration  
 Health Information/Medical Assisting Practice  
 Occupational Therapy

**Please contact:**  
 Julie K. Brewer, Academic Administrative Specialist  
 Rowlett 205A  
 (859) 622-1139  
 julie.brewer@eku.edu

**For Graduation Assistance in:**  
 Associate Degree Nursing  
 Family and Consumer Sciences  
 Exercise and Sport Science  
 Recreation and Park Administration

**Please contact:**  
 Sheila F. Adkins, Academic Administrative Specialist  
 Rowlett 205B  
 (859) 622-1683  
 sheila.adkins@eku.edu

**For Assistance in:**  
 Admissions  
 Scholarships/Professional Liability Insurance  
 Clinical Educational Agreements

**Please contact:**  
 Carole Moores, Academic Administrative Specialist  
 Rowlett 241  
 (859) 622-1137

**For All Other Assistance:**

**Please contact:**  
 The Main Office Number  
 (859) 622-1523  
 or visit our Homepage  
 www.health.eku.edu

## 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.

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 schedule an appointment with 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 (ACOTE)**

4720 Montgomery Lane  
Bethesda, Maryland 20824  
301-652-2682

**American Nurses Credentialing Center**

600 Maryland Avenue, S.W., Suite 100 West  
Washington, DC 20024-2571  
800-274-4262

**Commission on Accreditation of Allied Health Education****Programs:**

35 East Wacker Drive, Suite 1970  
Chicago, IL 60601-2208  
312-553-9355

**Commission on Accreditation of Athletic Training Education (CAATE)**

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

**Commission on Health Informatics and Information****Management Education (CAHIIM)**

233 N. Michigan Ave., 21st Floor  
Chicago, IL 60601-5800

**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

**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

**National Council for Accreditation****National Recreation and Park Association/American Association for Leisure and Recreation Council on Accreditation**

22377 Belmont Ridge Road  
Ashburn, VA 20148  
703-858-2150

**National Council for the Accreditation of Teacher Education (NCATE)**

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**

3719 SE Hawthorne Blvd., Box 251  
Portland, OR 97214  
(503) 235-6047

**National League for Nursing Accrediting Commission**

61 Broadway, 33rd floor  
New York, NY 10006  
800-669-1656 or 212-363-5555 ext 153

**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, medical assisting, 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 CLS, EHS, HEA, HNF, MPM, NSC, OTS, 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 CLT, HNF, MAS, NUR course and selected CHS courses is required.
2. A minimum of 16 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 ten additional hours must include approved courses in blocks IIIA and IIIB (humanities), block VB (social science), and block IVB (natural sciences) or an approved MAT course from block II. Courses that meet general education requirements have been identified by an asterisk(\*). 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: CHS 250; ANT/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, 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**  
**Dr. Patsy Daugherty**  
**(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**  
**Dr. Patsy Daugherty**  
**(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
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 202, 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**  
**Ms. Peggy T. Tudor**  
**(859) 622-1942**  
**Rowlett 220**

### **Faculty**

**C. Alcorn, M. Brown-Davis, B. Foley, R. Gaffney, V. Grubbs, K. Halcomb, J. Jinks, J. Lindquist, C. Melton, M. Powell, D. Ricketts, F. Sharp, P. Tudor, K. Wilder, C. Williamson, and C. Yang**

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 a variety of clinical settings. 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.

Nursing is a discipline whose practice is based on nursing knowledge, the sciences, and the humanities and is guided by the ANA Code of Ethics and Standards of Practice. It also reflects mandates and nursing care standards from significant nursing education and health organizations such as the American Nurses Association and National League for Nursing. Nurses collaborate with other members of the interdisciplinary health care team. Within a variety of roles and in multiple settings, nurses use therapeutic communication skills to assess wellness and health needs and risks of culturally diverse clients throughout the lifespan. Nursing care goals are mutually established with clients and include promotion of optimal health; prevention or recovery from illness; rehabilitation to maximum health status; and assurance of dignity in the process of dying. Nursing is a vital force in society whose roles affect and are affected by current and emerging health care delivery systems. Knowledge derived from research and other scholarly activities, practices and societal trends provide direction for client education and for the evolving practice of nursing.

The organizing framework of the nursing curriculum represents the faculty's plan for learning activities designed to assist each student achieve program goals. This framework is based on eight core components. These core components are those elements essential to the work of the entry level registered nurse and inherent in the three roles of nursing practice: provider of care, manager of care, and member within the profession of nursing. The core components include Professional Behaviors, Communication, Assessment, Clinical Decision Making, Caring Interventions, Teaching and Learning, Collaboration, and Managing Care, and these core components provide the framework for educational outcomes of graduates.

**Educational 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 <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.
3. The student must have a passing grade in any nursing course transferred from that nursing program.
4. The student must have transferred from a nationally accredited program.

Each transfer student will be considered 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, NUR 232, NUR 234, NUR 242, and NUR 255 and all non-nursing courses in the curriculum. The LPN is granted credit for NUR 112, NUR 116, NUR 124, and NUR 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 EKU) 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.

Curriculum requirements may change. Students are advised to keep themselves informed through their academic advisor and department chair.

**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 EKU GPA of 2.0 on a 4.0 scale.
3. Complete all major courses with a "C-" or better, and supporting courses with a "C-" or better.

**Clinical Requirements**

Transportation to all clinical experiences is the responsibility of the student.

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 (annually).
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 (annually).
6. Proof of Varicella immunity.

**Readmission Policies and Procedures**

A student who fails to progress is dismissed from the program and must make application for readmission and be processed through the Admissions/Progression Committee. This committee represents the Department of Associate Degree Nursing which 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 112, 116, 124, 126, 205\*\*, 232, 234, 242, and 255.

**Supporting Course Requirements ..... 23-24 hours**

BIO 171\*, BIO 273 or CLT 209/CLT 211, BIO 301\*, CHE 105/107\*, NFA 201\*, PSY 200\*, and SOC 131\*.

**General Education Requirements ..... 9 hours**

Three hours general education 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**

**J. Begley, D. Belcher, B. Bentley, P. Birchfield, D. Brashear, D. Demaree, G. Denham, S. Evans, S. Fister, A. Gregg, S. Hall, B. Hart, E. Hunter, L. Kelley, T. Loan, C. Palmer, J. Pollmann, P. Schломann, J. Schmitke, J. Short, I. Slusher, K. Stephens, S. Virgin, E. Waters, M. Whitaker, P. Woods, and L. Wray**

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. Within the framework of EKU and the College of Health Sciences, the Department of Baccalaureate and Graduate Nursing attempts to provide opportunities for the individual to act independently, to think critically, to communicate effectively, and to practice professional nursing with integrity, enlightenment and creativity.

The baccalaureate nursing program is approved by the Kentucky Board of Nursing and accredited by the Commission on Collegiate Nursing Education.

**Professional Nursing Practice Outcomes**

Upon completion of the baccalaureate nursing program the BSN graduate:

1. Treats clients as unique and self-directive with the right to make decisions for themselves concerning health matters.
2. Uses the nursing process to provide and manage primary, secondary and tertiary prevention care for clients in a variety of settings.
3. Uses critical thinking and research methodologies to understand relationships, provide therapeutic interventions, predict outcomes, and influence the delivery of health care.
4. Has the knowledge and ability to assume a leadership role in health care by communicating and collaborating with clients and other health care professionals.
5. Is a consumer and sociopolitical advocate who supports effective, responsible, economic interdisciplinary health care.
6. Promotes the ethical and legal practice of professional nursing.
7. Demonstrates accountability and competence in nursing practice.

**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 must meet minimum program GPA requirements of 2.5 or have department chair approval. To be admitted to the clinical nursing courses, students must have completed the first three semesters of college work as outlined in the curriculum plan. 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. Admission to the clinical courses is competitive and based primarily on GPA.

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.

For progression, students must earn a grade of “C-”/2.0 or better in all nursing and supporting courses. 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. Master’s degree options available are the Rural Health Family Nurse Practitioner and the Rural Community Health Care Nursing option which has a functional area in administration.

**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*

- Major Requirements ..... 65 hours**  
NSC 232, 242, 252, 330, 332, 350, 380, 386, 390, 392, 396, 480, 484, 486, 492, 495.
- Supporting Course Requirements ..... 25-26 hours**  
BIO 171, 273 or CLT 209, 301, CHE 105, 107, NFA 201, STA 215 or 270, 3 hours of general education PSY, and 3 additional hours of general education social science.
- General Education Requirements ..... 27 hours**  
Standard General Education program, excluding blocks IVB, VB, VC, 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 ..... 9-10 hours**
- Total Curriculum Requirements ..... 128 hours**

**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*

- Major Requirements ..... 52 hours**  
NSC 330\*, 332, 350, 381, 385\*\*, 390, 480, 486, 492, 495.  
\*Credit by Exam option.  
\*\*Upon successful completion of NSC 385, the RN is granted credit for NSC 380, 386, and 484
- Supporting Requirements ..... 9 hours**  
STA 215 or STA 270, BIO 171 and BIO 301.
- General Education Requirements ..... 39 hours**  
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 *Catalog* for details on the General Education and University requirements.
- Free Electives ..... (as needed to complete 128 hours)**
- Minimum Total Degree Requirements\* ..... 128 hours**

*\*Degree requirements will include transfer courses, support courses, major requirements, General Education requirements and University requirements that will total a minimum of 128 hours.*

**Plan for B.S.N. Second Degree Option**

The Department of Baccalaureate and Graduate Degree 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 should have completed course work in anatomy, physiology, and microbiology prior to admission to the nursing major. Classes are admitted each fall semester.

**NURSING (B.S.N.) SECOND DEGREE OPTION**

*CIP Code: 51.1601.01*

- Major Requirements ..... 62 hours**  
NSC 232, 252, 330, 332, 350, 380, 386, 390, 392, 396, 480, 484, 486, 492, 495.
- Supporting Course Requirements ..... 6 hours**  
NFA 201, STA 215 or approved substitutions.
- General Education Requirements ..... 0 hours**  
All general education and University requirements are met with prior Bachelor’s degree from a regionally accredited institution.
- Total Curriculum Requirements ..... 68 hours**

## Department of Clinical Laboratory Science

### Chair

**Dr. D. B. Barnett**  
(859) 622-2191  
Dizney 220

### Faculty

**P. Campbell, D. Hufford, and S. Noblitt**

### **Clinical Laboratory Science (CLS) Program**

All students who are accepted by the EKU Admissions Office and declare their major as clinical laboratory science (CLS) are accepted into the pre-CLS major. Admission to the upper-division (professional) 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 and major courses. Transfer students must maintain a GPA of 2.5 in courses at EKU as well as an overall GPA of 2.5.

Students who meet the minimum requirements 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 requirements.

### **Clinical Laboratory Technology (CLT) Program**

For admission to the CLT program, a high school graduate must meet a minimum of two out of three of the following:

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 requirements 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 requirements. While awaiting acceptance, students will be assigned to the pre-CLT major.

Change of major and transfer students must have attained a minimum of 2.25 overall GPA 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 requirement 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 and 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*

<b>Major Requirements .....</b>	<b>54 hours</b>
CLS 201, 300, 303, 305, 308, 309, 310, 320, 346, 350, 355, 431, 432, 434, 436, 437, 438, 439, 440, and 441.	
<b>Supporting Course Requirements .....</b>	<b>29 hours</b>
BIO 121, 348 or 301/378, CHE 111/115, 112/116, 330, CHS 200, CIS 212 or CSC 104, and MAT 107.	
<b>General Education Requirements .....</b>	<b>33-36 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>University Requirement .....</b>	<b>1 hour</b>
HSO 100.	
<b>Free Electives .....</b>	<b>11 hours</b>
<b>Total Curriculum Requirements .....</b>	<b>128 hours</b>

## **Associate Degree**

### **CLINICAL LABORATORY TECHNOLOGY (A.A.S.)**

*CIP Code: 51.1004*

<b>Major Requirements .....</b>	<b>30 hours</b>
CLT 201, 202, 203, 204, 205, 206, 207, 208, 209 and 211.	
<b>Supporting Course Requirements .....</b>	<b>23 hours</b>
BIO 121*, 348 or 301*/378, CHE 111/115*, 112/116*, CHS 105, CIS 212 or CSC 104*, and MAT 107*.	
<b>General Education Requirements .....</b>	<b>12 hours</b>
Three hours general education humanities, three hours social science, and six hours of English composition.	
<b>University Requirement .....</b>	<b>1 hour</b>
HSO 100.	
<b>Total Curriculum Requirements .....</b>	<b>66 hours</b>

## Department of Environmental Health Science

### Chair

**Dr. D. B. Barnett**  
(859) 622-2191  
Dizney 220

### Faculty

**D. Barnett, J. Beck, G. Brown, C. Harvey, W. Johnson, S. Konkel, 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 24 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*

- Major Requirements ..... 43 hours**  
EHS 280, 285, 300, 335, 340, 360, 370, 380, 410, 425, 440, 460, 463, and 485.
- Supporting Course Requirements ..... 35-38 hours**  
AGR 215, BIO 121, 301, 320; CHE 111/115, 112/116, 361, 366; ENG 300; STA 215; MAT 107 or 109 or 261; and PHY 131.
- General Education Requirements ..... 30-33 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 ..... 13-19 hours**
- Total Curriculum Requirements ..... 128 hours**

**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, 300, 370, and an additional nine hours selected from EHS courses with advisor approval for a minimum of 19 hours.

**Department of  
Exercise and Sport Science**

**Chair**

**Dr. Lonnie Davis**  
**(859) 622-1887**  
**Moberly 231**

**Faculty**

**H. Adams-Blair, J. Beckett, R. Crist, L. Davis, L. Debolt, R. Erdman, J. Ferguson, E. Fuchs, J. Hinderman, D. Landholm, J. Larkin, W. Johnson, M. McAdam, E. McMahan, and J. Rutherford**

The Department of Exercise and Sport Science offers the Bachelor of Sciences degrees in Athletic Training and Physical Education with four program options: General, Teaching P-12, Sport Management, and Physical Fitness/Wellness Management. The department also offers a Minor in Dance (non-teaching), a Minor in Physical Education (non-teaching), and a Coaching Endorsement (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.

**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, 301, 378, HEA 202/203 (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.

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 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.

**Baccalaureate Degrees**

**ATHLETIC TRAINING (B.S.)**

*CIP Code: 51.0913*

<b>Major Requirements .....</b>	<b>60 hours</b>
ATR 100, 201, 202, 211, 212, 301, 302, 311, 312, 322, 401, 402, 411, 412, 421, PHE 212, 320, 325, and 407; current CPR and first aid certification at time of graduation.	
<b>Supporting Course Requirements .....</b>	<b>21 hours</b>
BIO 171, 271, 301, 378, CIS 212 or CSC 104, HEA 202, 450, and NFA 201.	
<b>General Education Requirements .....</b>	<b>39 hours</b>
Standard General Education Program, excluding blocks 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 hours</b>
<b>Total Curriculum Requirements .....</b>	<b>128 hours</b>



**PHYSICAL EDUCATION (B.S.)**

CIP Code: 13.1314

<b>Major Requirements</b> .....	<b>42-45 hours</b>
<b>Core</b> .....	<b>25 hours</b>
PHE 125, 212, 224, 305, 315, 320, 325, 326, 575; PHE 241 or 242; current CPR certification at time of graduation; and each student must complete one of the following options:	
<b>Options</b> .....	<b>17-20 hours</b>
<b>General (Non-Teaching)</b> .....	<b>18 hours</b>
PHE 327, 365, 400, 415, 467, and four additional hours from the following skill courses: PHE 220, 242, 250, 300, 306, 340, 407, 435, 450.	
<b>P-12 Teaching</b> .....	<b>20 hours</b>
PHE 300, 310, 323, 365, 415, 467, 562.	
<b>Physical Fitness and Wellness Management</b> .....	<b>18 hours</b>
PHE 407, 433, 435, 472*, and 562.	
<b>Sport Management</b> .....	<b>17 hours</b>
PHE 327, 400, 470*, two hours coaching elective, and three additional hours from the following skill courses: PHE 220, 242, 250, 300, 306, 340, 365, 407, 435, 450.	
<b>Supporting Course Requirements</b> .....	<b>11-40 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>2 hours</b>
HEA 202.	
<b>Physical Fitness and Wellness Management</b> .....	<b>15 hours</b>
NFA 201; current first aid certification at time of graduation. Select six hours from HEA 315, 598, HEA 380 or PSY 410. Select six hours from MGT 301, MKT 301, PUB 530.	
<b>Sport Management</b> .....	<b>11 hours</b>
HEA 202, REC 102, 406, and three hours from GBU 204, ACC 201, or PUB 530.	
<b>Professional Education Requirements (P-12 Teaching Option)</b> .....	<b>31 hours</b>
EDF 103, 203, 319, ESE 566, EME 465, ELE 541, ESE 490, and EMS 499.	
<b>General Education Requirements</b> .....	<b>39 hours</b>
Standard General Education program, excluding blocks 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>3-34 hours</b>
<b>Total Curriculum Requirements</b> .....	<b>128 hours</b>

\*Students are required to document a minimum of fifty (50) hours of appropriately related experiences prior to enrolling in PHE 470//472.

**Minors****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.

**Minor Requirements** ..... **20 hours**

PHE 200, 300\*, 345, and PHE 250/350/450 Modern Dance I, II, III (min 3, max 6) and six-nine hours electives from the following: PHE 214, 230, 271, 314, 330, 355, **356, 371**, 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 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.

**Minor Requirements** ..... **23 hours**

PHE 200, 250, 300\* with a grade of "C" or higher, 345, 355, 471\*\*, 418, KHP 396\* (taken at University of Kentucky); 3 hours from skills courses HPR 282/390 (dance classes), PHE 214, 230, 271, 314, 330, 350, or 450.

\*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 125, 212, 315, 320, 325, 326, 467, 575; and six hours skill courses from the following: PHE 220, 224, 241, 242, 250, 300, 305, 306, 340, 345, 365, 407, 435, 450; six hours approved by the department chair.

**Endorsement****COACHING ENDORSEMENT**

Any student may complete the requirements for a coaching endorsement by possessing current CPR certification at time of graduation and by completing 12 hours of: PHE 212; 315 or 325; 383, 423, and two hours coaching electives.



## Department of Family and Consumer Sciences

**Chair**  
**Dr. Diane Leggett**  
**(859) 622-3445**  
**Burrier 102**

### **Faculty**

**D. Bush, J. Gilbert, J. Haynes, J. Jensen, S. Kipp, D. Leggett, C. Patrick, E. Scarberry, C. Schmelzer, S. Sutton, M. Ware, S. Willis, 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 ECU Graduate Catalog 2006-2007.

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, 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 charged a fee 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, 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.

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.

### **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, 327, 343, 344, 346, 351, 443, 450, 499, 541, 544. Therefore, students enrolled in these courses are required to submit a negative TB test to the instructor by the second class meeting. 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 political, cultural, social, technological 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, visual merchandiser and advertising director.

### **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 ..... 13 hours**

CHE 101/107, ECO 230, MGT 301 and MKT 301 or THE 220 and 320.

<b>General Education Requirements</b> .....	<b>42 hours</b>
Standard General Education program, excluding blocks IVB 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>22 hours</b>
<b>Total Curriculum Requirements</b> .....	<b>128 hours</b>

\*\*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).

<b>Major Requirements</b> .....	<b>33-51 hours</b>
<b>Core</b> .....	<b>24 hours</b>
CDF 132, 235, 236, 327, 437, FCS 400, NFA 317, and SWK 456.	
<b>Options</b> .....	<b>9-27 hours</b>
<b>Child Development*</b> .....	<b>27 hours</b>
CDF 246, 343, 344, 346, 450 (9)**, 538, 547.	
<b>Family Studies</b> .....	<b>27 hours</b>
CDF 232, 243, 331, 342 or 441, 424, 443 (9)**, 538.	
<b>Interdisciplinary Early Childhood*</b> .....	<b>9 hours</b>
CDF 246, 343, 344.	
<b>Minor Requirements</b> .....	<b>18 hours</b>
<b>Interdisciplinary Early Childhood Education</b> .....	<b>18 hours</b>
(Minor in Special Education)	
SED 341, 352, 360, 436, 504, 518.	
<b>Supporting Course Requirements</b> .....	<b>6-15 hours</b>
<b>Child Development</b> .....	<b>15 hours</b>
CSC 104 or CIS 212, SED 504, 518, OTS 515, NSC 500.	

<b>Family Studies</b> .....	<b>6 hours</b>
FRM 352, CSC 104 or CIS 212.	

<b>Interdisciplinary Early Childhood</b> .....	<b>9 hours</b>
CSC 104 or CIS 212, OTS 515, NSC 500.	

#### Professional Education Requirements .....

##### 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 met with special education minor.)

#### General Education Requirements .....

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 .....

HSO 100.

#### Free Electives .....

**3-25 hours**

#### Total Curriculum Requirements .....

**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; 3) identify, develop and evaluate goods, services and resources for individuals, families and communities; and 4) develop effective pedagogical skills and dispositions that are highly contextualized for FCS classrooms. Graduates are prepared to teach in both middle and high school. They possess excellent qualifications for working with 4-H youth or in FCS educator positions with the USDA Cooperative Extension Service, as well as diverse careers in business, industry and government. The demand for Family and Consumer Sciences teachers and extension agents is high due to current and projected shortages.

#### Major Requirements .....

**45 hours**  
CDF 132, 235, and six hours from CDF 236 or 331 or 342; FCS 320, 400, FRM 352, DES 121, NFA 121, 201, 321, ADM 102, 201; and 3 hrs. in ADM; and 3 hrs. Family and Consumer Sciences Electives.

#### Supporting Course Requirements .....

**8 hours**  
BIO 301, 378, CHE 105/107.

#### Professional Education Requirements .....

**32 hours**  
EDF 103 (1), 203, 319, 413; ESE 490, 499 (12), and 553 (4); SED 401. (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.
- 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 2.5 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 2.75 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 or CHE 330; 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 ..... 27-28 hours**  
BIO 273 or CLT 209 and CLT 211\*; BIO 301; CHE 101/107, 102; HEA 450 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.
- Free Electives ..... 6-8 hours**
- Total Curriculum Requirements ..... 128 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 2.75 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.

- Major Requirements ..... 33 hours**  
CDF 132, 235, 236, 246, 327, 343, 344, 450 (9), NFA 317.
- Supporting Course Requirements ..... 9 hours**  
BIO 300 or 317; CSC 104 or CIS 212; SED 104.
- General Education Requirements ..... 18 hours**  
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.

University Requirement ..... 1 hour  
 HSO 100.  
 Free Electives ..... 3 hours  
 Total Curriculum Requirements ..... 64 hours

**Minors**

**MINOR IN CHILD AND FAMILY STUDIES**

Minor Requirements ..... 18 hours  
 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**

Minor Requirements ..... 18 hours  
 ADM 119, 201, 310, 313, and 6 hours approved ADM electives.

**MINOR IN FAMILY AND CONSUMER SCIENCES**

Minor Requirements ..... 18 hours  
 ADM 102, CDF 132, 244, FCS 320, FRM 352, NFA 121 or 201 or 317.

**MINOR IN FOODSERVICE ADMINISTRATION**

Minor Requirements ..... 18 hours  
 NFA 121, 201, and 12 hours selected from NFA 321, 323, 325, 326, 344, or 445.

**MINOR IN NUTRITION**

Minor Requirements ..... 18 hours  
 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**

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The Department of Health Promotion and Administration is comprised of programs in: Ancillary Health Management, Health Care Administration, Health Education, Health Information, Medical Assisting Technology and Medical Practice Management. 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, 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 EKU in the major. Students who transfer from another college or university must earn a minimum of six hours at EKU in the minor.

**Baccalaureate Degree**

**HEALTH EDUCATION (B.S.)**

*CIP Code: 51.1504*

Major Requirements ..... 39-49 hours

**Health Education Core ..... 33 hours**

HEA 202, 203, 285, 290, 315; 345 or 594; 375 or 592; 380, 450, 455, 580, 598.

Majors must select an option in Community Health, School Health, P-12 (Teaching) or Wellness:

**Community Health ..... 16 hours**

HEA 360, 416, 420, 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.

**Wellness ..... 15 hours**

HEA 360, 463; PHE 325, 433.

Supporting Course Requirements ..... 12-44 hours

**All Options ..... 12 hours**

BIO 171, 301, NFA 201, and CIS 212 or CSC 104.

**School Health, P-12 (Teaching) ..... 1 hour**

BIO 378.

**Wellness ..... 15 hours**

PHE 312, 315, 320; REC 411, 460.

**Professional Education Requirements**

**School Health Option ..... 31 hours**

EDF 103, 203, 319, 413, EMS 499, ESE 490, 587, and SED 401.

**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 .....	2-19 hours
<b>Community Health</b> .....	<b>18 hours</b>
(13 of these elective hours are restricted to course work outside of the major and the option.)	
<b>School Health, P-12 (Teaching)</b> .....	<b>2 hours</b>
<b>Wellness</b> .....	<b>19 hours</b>
(All hours restricted to course work outside of the major and the option.)	
<b>Total Curriculum Requirements</b> .....	<b>128 hours</b>

\*Bachelor of Science degree students in the Community Health and Wellness 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** ..... **24 hours**  
HEA 290, 360, 416, 450, 455, 580, 598, and three hours from HEA 202, 203; 315, 345 or 594; 380; 375 or 592; or NFA 201.

#### **MINOR IN SCHOOL HEALTH, P-12 (TEACHING)**

**Minor Requirements** ..... **23 hours**  
HEA 202, 290, 315; 345 or 594; 375 or 592; NFA 201, EME 586, and three hours from HEA 203, 380, 390, 391, 455, 580, 590, 593, or 595.

### Certificate

#### **CERTIFIED ALCOHOL AND DRUG COUNSELOR (CADC)**

To become a Certified Alcohol and Drug Counselor (CADC), applicants must meet certain requirements for supervised experience in chemical dependency counseling, education, training, and supervised practicum experiences. Also, applicants must pass a written exam, an oral interview, and a case presentation and fulfill designated application procedures. Students can attain training and clinical supervision/practicum/on-the-job training by completing the following courses:

HEA 594	Drug Abuse and Dependency (3)
HEA 595	Alcohol Abuse and Dependency (3)
HEA 596	Approaches to Alcohol and Drug Treatment I (3)
HEA 597	Approaches to Alcohol and Drug Treatment II (3)
HEA 463	Internship and Health Promotion and Administration (1-6)

See the Chair of the Department of Health Promotion and Administration for more complete information on the application and requirements for the Certified Alcohol and Drug Counselor.

## **HEALTH SERVICES ADMINISTRATION**

The department offers a baccalaureate degree in Health Services Administration with options in Ancillary Health Management, Health Care Administration, and Health Information Management.

#### **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 Option**

This option gives individuals interested in the administrative aspects of healthcare an interdisciplinary curriculum designed to provide a balance between both business and health sciences.

#### **Health Information Management Option**

This option offers a unique opportunity to combine an interest in healthcare with information technology. HIM professionals play a critical role in maintaining, collecting and analyzing the data that is used in both clinical and administrative decision making processes.

#### **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.

The University assumes full responsibility for making assignments to the professional practice sites based on predetermined criteria. 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>36-53 hours</b>
<b>Core .....</b>	<b>24 hours</b>
HSA 100, 370, 372, 401, 405, 406, 409; MAS 200.	
<b>Options</b>	
<b>Ancillary Health Management .....</b>	<b>16 hours</b>
Students must select additional courses at the 300 or greater level from CHS, HEA, HSA, MAS, or MPM.	
<b>Health Care Administration .....</b>	<b>12 hours</b>
HEA 455; HSA 375, 412.	
<b>Health Information Management .....</b>	<b>29 hours</b>
HSA 203, 305, 306, 308, 314, 316, 407, 410, 412.	
<b>Supporting Course Requirements .....</b>	<b>30-45 hours</b>
<b>All Options .....</b>	<b>30 hours</b>
BIO 171, 301; CIS 230; CMS 100, 406; MAT 105 or 107; MGT 301, 320; STA 215 or 270.	
<b>Ancillary Health Management .....</b>	<b>0 hours</b>
No additional hours required beyond those required by all options.	
<b>Health Care Administration .....</b>	<b>18 hours</b>
ACC 201, 202; ECO 230, 300, 370; MKT 301.	
<b>Health Information Management .....</b>	<b>8 hours</b>
BIO 273; CHE 105.	
<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 .....</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>Health Information Management .....</b>	<b>30 hours</b>
Standard General Education program, excluding blocks IC, II, 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>8-23 hours</b>
<b>Ancillary Health Management .....</b>	<b>23 hours</b>
<b>Health Care Administration .....</b>	<b>13 hours</b>
<b>Health Information Management .....</b>	<b>8 hours</b>
<b>Total Curriculum Requirements .....</b>	<b>128 hours</b>

NOTE: Student must achieve a grade "C" or better in all major and support courses.

**Minor****Minor in Health Care Administration**

<b>Minor Requirements .....</b>	<b>18 hours</b>
HCA 372, 375, MGT 301, and nine hours selected from HEA 416, 455; HNF 370, 401, 405, 406, or 409.	

**Minor****MINOR IN HEALTH INFORMATION**

Designed for the non Health Information Management major who wishes to have the unique opportunity to be involved with multifaceted health information management challenges. A student may minor in Health Information by completing, with a grade of "C" or better, HSA 100, HSA 370, 401, 406, and an additional nine hours selected from courses with departmental approval for a minimum of 21 hours.

**Certificate****POST-BACCALAUREATE CERTIFICATE  
HEALTH INFORMATION MANAGEMENT***CIP Code: 51.0706*

Students who have earned a baccalaureate degree and have taken the following courses may be eligible for enrollment for a post-baccalaureate certificate of completion: anatomy and physiology with lab, medical terminology, basic management, basic statistics, and an introductory computer course.

<b>Major Requirements .....</b>	<b>50 hours</b>
HSA 100, 203, 305, 306, 308, 314, 316, 370, 372, 401, 405, 406, 407, 409, 410, and 412.	
<b>Supporting Course Requirements .....</b>	<b>6 hours</b>
CMS 300, 406.	
<b>Total Curriculum Requirements .....</b>	<b>56 hours</b>

**MEDICAL ASSISTING PRACTICE**

The Medical Assisting Practice program considers students for admission in both the fall and spring semesters. Admission is contingent upon enrollment in Eastern Kentucky University and the College of Health Sciences.

The associate degree program in Medical Assisting Technology prepares individuals to work in administrative and clinical areas of the ambulatory health care setting. Upon completion of the program, graduates are eligible to take the AAMA CMA Certification/Recertification examination administered by the American Association of Medical Assistants in conjunction with the National Board of Medical Examiners.

The baccalaureate degree program in Medical Practice Management is available to students who have completed an associate degree in Medical Assisting Technology. As a medical practice management major, students acquire the skills necessary to administer ambulatory healthcare facilities by improving efficiency and assuring the quality of services provided.

**Certificates**

Students completing the requirements for the medical administrative certificate will be awarded a certificate of completion by ECU. This should not be confused with state certification or licensure.

**Baccalaureate Degree****MEDICAL PRACTICE MANAGEMENT (B.S.)***CIP Code: 51.0705*

<b>Major Requirements</b> .....	<b>47 hours</b>
MAS 100, 200, 201, 323, 324, 355, 360, 390. MPM 410, 450, 460, 480.	
<b>Supporting Course Requirements</b> .....	<b>34 hours</b>
ACC 201, 202, BIO 171, 301, CCT 201, CHE 105, CIS 212 or CSC 104, ECO 230, EMC 102, MGT 301, 320.	
<b>General Education Requirements</b> .....	<b>33 hours</b>
Standard General Education program excluding blocks IVB, 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>13 hours</b>
<b>Total Curriculum Requirements</b> .....	<b>128 hours</b>

**Associate of Applied Science Degree****MEDICAL ASSISTING TECHNOLOGY (A.A.S.)***CIP Code: 51.0801*

<b>Major Requirements</b> .....	<b>35 hours</b>
MAS 100, 200, 201, 323, 324, 355, 360, 390.	
<b>Supporting Course Requirements</b> .....	<b>15 hours</b>
BIO 171, BIO 301, CCT 201, CIS 212 or CSC 104, EMC 102 or HEA 202 and HEA 203.	
<b>General Education Requirements</b> .....	<b>15 hours</b>
Three hours wellness (block VI), three hours general education science (block IVA or IVB) and six hours of English composition (blocks IA and IB).	
<b>University Requirement</b> .....	<b>1 hour</b>
HSO 100.	
<b>Total Curriculum Requirements</b> .....	<b>66 hours</b>

**Certificates****MEDICAL ADMINISTRATIVE CERTIFICATE PROGRAM**

<b>Major Requirements</b> .....	<b>10 hours</b>
MAS 100, 355, 360.	
<b>Supporting Requirements</b> .....	<b>9 hours</b>
CHS 200, 201; CIS 212.	
<b>Total Curriculum Requirements</b> .....	<b>19 hours</b>

**MEDICAL CODING CERTIFICATE\***

<b>Major Requirements</b> .....	<b>9 hours</b>
MAS 200, 201, 355.	
<b>Supporting Course Requirements</b> .....	<b>6 hours</b>
BIO 171 and 301.	
<b>Total Curriculum Requirements</b> .....	<b>15 hours</b>

\*Certificate is awarded by the Department of Health Promotion and Administration and not Eastern Kentucky University

**Department of  
Occupational Therapy****Chair**

**Dr. Colleen Schneck**  
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**Dizney 103**

**Faculty**

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G. St. Michel, C. Schneck, S. Shasby, A. Shordike,  
K. Splinter-Watkins, and J. Westfall**

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 complete the prerequisite courses can also apply for admission to the master's program in Occupational Therapy; successful applicants enter the transition program prior to the Occupational Therapy graduate program. 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 for students to follow the established progression of the program sequence they must:

- Receive a 2.0 or better in all OTS and support courses.
- Maintain an overall GPA of 2.0.
- Successfully complete all Pre-cycle course work before enrolling in Cycle 1 course work. In addition, students must successfully complete Cycle 1 course work before enrolling in Cycle II course work

**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.)**  
**Department of Occupational Therapy**  
*CIP Code: 51.2306*

- Major Requirements ..... 45 hours**  
 OTS 301, 302, 311, 312, 313, 335, 362, 401, 402, 421, 422, 430, 432, 478.
- Supporting Course Requirements ..... 21 hours**  
 BIO 171, BIO 301, BIO 271, BIO 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 ..... 25 hours**
- University Requirement ..... 1 hour**  
 HSO 100.
- Total Curriculum Requirements ..... 128 hours**

**Department of  
 Recreation and Park Administration**

**Acting Chair**  
**Dr. Charlie Everett**  
**(859) 622-1833**  
**Begley 403**

**Faculty**

**L. Belknap, C. Everett, 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>51-57 hours</b>
<b>Core .....</b>	<b>40 hours</b>
REC 101, 102, 163, 200, 263, 311, 350, 406, 410, 450, 460, and 463; current first aid CPR certification at time of graduation, and one of the following options:	
<b>Options .....</b>	<b>13-17 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>17 hours</b>
REC 190, 411, 511, 512; CHS 105; BIO 171 and 301.	
<b>Tourism &amp; Resort Recreation .....</b>	<b>15 hours</b>
REC 280, 380, 480; GEO 305; EHS 230.	
<b>Supporting Course Requirements .....</b>	<b>6-9 hours</b>
<b>Natural Resources &amp; Outdoor Recreation</b>	
<b>Option .....</b>	<b>6 hours</b>
CMS 210; COM 320A plus two hours from the following courses: COM 320B, COM 320D, COM 320E, COM 320F, COM 320G, or COM 320H.	
<b>Public/Non-Profit Recreation Services</b>	
<b>Option .....</b>	<b>6 hours</b>
CMS 210; COM 320A plus two hours from the following courses: COM 320B, COM 320D, COM 320E, COM 320F, COM 320G, or COM 320H.	
<b>Therapeutic Recreation Option .....</b>	<b>9 hours</b>
PSY 200, 280, 308.	
<b>Tourism &amp; Resort Recreation Option .....</b>	<b>6 hours</b>
CMS 210; COM 320A plus two hours from the following courses: COM 320B, COM 320D, COM 320E, COM 320F, COM 320G, or COM 320H.	
<b>General Education Requirements .....</b>	<b>39 or 45 hours</b>
Standard General Education Program, excluding block IC for all options and Block VIII (6 hours) for the Therapeutic Recreation option. 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>21-23 hours</b>
<b>Natural Resources &amp; Outdoor Recreation ..</b>	<b>23 hours</b>
<b>Public/Non-Profit Recreation Services .....</b>	<b>23 hours</b>
<b>Therapeutic Recreation .....</b>	<b>22 hours</b>
<b>Tourism &amp; Resort Recreation .....</b>	<b>21 hours</b>
<b>Total Curriculum Requirements .....</b>	<b>128 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, 409, 410, 411, 480, 490, 511, 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 of Correctional and Juvenile Justice Studies, Criminal Justice and Police Studies, and Loss Prevention and Safety. 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 (located in the Justice & Safety Homeland Security and Technology Center), (JSC), 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. 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, 9 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 CORRECTIONAL AND JUVENILE JUSTICE STUDIES

**Chair**  
**Dr. Kevin Minor**  
**(859) 622-1155**  
**Stratton Building, Room 105**

### Faculty

**P. Elrod, B. Matthews, D. May, I. Soderstrom, E. Wachtel,  
L. Wallace, J. Wells, and B. Wolford**

The Department of Correctional and Juvenile Studies offers an associate and baccalaureate degree. Graduates of the department are expected to: 1) understand historical, legal, theoretical, research, and conceptual/operational foundations of the field; 2) possess competencies relevant to adult corrections and juvenile justice including communication, problem solving and decision making, and

interpersonal relations; 3) be qualified for careers in adult correctional, juvenile justice, and related human service agencies; and 4) be prepared for further education. Students are encouraged to take advantage of opportunities to enrich learning and enhance their employment potential through involvement in faculty research projects and service learning experiences in a variety of professional agencies.

**Baccalaureate Degree**

**CORRECTIONAL AND JUVENILE JUSTICE STUDIES (B.S.)**

*CIP Code: 43.0102*

- Major Requirements ..... 36 hours**  
COR 100, 201, 310, 350, 388, 400, 490, 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). Students must enroll in COR 100 the first semester this course is offered following declaration of a major in Correctional and Juvenile Justice Studies.  
**Adult Corrections Option:** COR 301, 315 and 330.  
**Juvenile Justice Option:** COR 311, 316 and 321.
- 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 ..... 43 hours\***
- Total Curriculum Requirements ..... 128 hours**

\*Correctional and Juvenile Justice Studies majors not having a second major or minor are required to devote at least nine of these 43 hours to coursework from at least two of the following programs in consultation with the major advisor; observe prerequisites: Criminal Justice Studies, 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.

**Associate Degree**

**CORRECTIONAL AND JUVENILE JUSTICE STUDIES (A.A.)**

*CIP Code: 43.0102*

- Major Requirements ..... 18 hours**  
COR 100, 201, 350, and the courses within either the Adult Corrections option or the Juvenile Justice Option. (Students may choose to complete both these options, but such students will complete a minimum 27 hours of major coursework.) Students must enroll in COR 100 the first semester this course is offered following declaration of a major in Correctional and Juvenile Justice Studies.  
**Adult Corrections Option:** COR 301, 315 and 330.  
**Juvenile Justice Option:** COR 311, 316 and 321.

- 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.
- Total Curriculum Requirements ..... 67 hours**

**ONLINE COURSEWORK**

The major requirements for the B.S. and A.A. degrees may be completed online. In addition to satisfying Eastern Kentucky University's (EKU's) requirements for full freshman admission or provisional admission, admission to an online cohort requires either that students reside at least 60 miles from campus, or if they reside closer, demonstrate a rationale that is satisfactory to the department for pursuing requirements online. Admission to pursue major requirements online further requires a composite ACT score of 20 or higher. 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 students must earn a minimum of 15 of the last 18 hours through EKU is waived for students pursuing these A.A. major requirements online. Likewise, 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 A.A. degree, a minimum of 16 semester hours must be earned through EKU, and for the B.S. degree, a minimum of 32 hours must be earned through EKU. Visit [www.corrections.eku.edu](http://www.corrections.eku.edu) and contact the Online Program Coordinator for additional details.

**Minor**

**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, 388, and 400.

**Certificate**

**YOUTH WORK CERTIFICATION PROGRAM**

Designed for both traditional students as well as in-service workers, this program offers the student certification in Youth Work Practice. The program gives the student an opportunity to earn undergraduate credits in a blended academic and practice curriculum that will provide the fundamental skills and knowledge to enter the youth work profession. The 31 hour Program consists of the following courses:

Justice and Safety

- JSO 100: Academic Orientation (1)
- COR 310: Foundations of Correctional and Juvenile Justice Practice (3)
- COR 311: The Juvenile Justice System (3)
- COR 316: Legal and Ethical Issues in Juvenile Justice (3)
- COR 320: Youth Work Practice\* (3)
- COR 321: Juvenile Corrections (3)
- COR 375: Applied Skills Practicum (3)
- COR 106: Workshop (3) or one elective course selected in consultation with advisor.

For additional information, application procedures and requirements, contact Chair of the Department of Correctional and Juvenile Justice Studies.

\*Will be taken for a total of 12 hours under different topics.

## DEPARTMENT OF CRIMINAL JUSTICE AND POLICE STUDIES

Chair  
**Dr. Carole Garrison**  
 (859) 622-1978  
 Stratton Building, Room 467

**Faculty**

T. Barker, T. Cox, G. Ferrell, C. Fields, C. Garrison, R. Givan, R. Haarr, S. Hunt, V. Kappeler, P. Kraska, E. Leichtman, W. Nixon, D. Paulsen, G. Potter, T. Reed, B. Thompson, B. Tillett, K. Tunnell, and B. Warner

### Baccalaureate Degrees

#### CRIMINAL JUSTICE (B.S.)

*CIP Code: 43.0103*

- Major Requirements ..... 33 hours**
- Core ..... 15 hours**  
 CRJ 101, 313, 331, 388, 400 and an upper division CRJ elective.
- CRJ Electives ..... 18 hours**  
 Selected from CRJ and/or PLS in consultation with major advisor.
- Supporting Course Requirements ..... 12 hours**  
 Three hours from COR, and 9 hours from APS, FSE, CRJ, COR, or PLS, with approval of advisor.
- 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 or Minor ..... 34 hours**
- Total Curriculum Requirements ..... 128 hours**

#### POLICE STUDIES (B.S.)

*CIP Code: 43.0107*

- Major Requirements ..... 51 hours**
- PLS Core ..... 18 hours**  
 PLS 103, PLS 216, PLS 220, PLS 326, PLS 415, PLS 416.
- PLS Electives ..... 9 hours**  
 Selected from PLS electives.
- Supporting Electives ..... 6 hours**  
 Select from COR, FOR 301, APS 210, EMC 102 or 110, FSE 250 or TRS 332.
- Supporting Course Requirements ..... 18 hours**  
 CRJ 101, CRJ 331, CRJ 388, CRJ 400, ENG 300, CMS 300.
- 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 ..... 28 hours**
- Total Curriculum Requirements ..... 128 hours**

### Associate Degree

#### POLICE STUDIES (A.A.)

*CIP Code: 43.0107*

- Major Requirements ..... 21 hours**  
 CRJ 101, PLS 103, PLS 216, PLS 220, PLS 326 or CRJ 313, PLS 416, three hours of PLS electives.
- 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 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 216, PLS 220, and 6 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.)

**DEPARTMENT OF LOSS PREVENTION AND SAFETY**

**Chair**

**Dr. Larry Collins**  
(859) 622-1009

Stratton Building, Room 250

**Faculty**

W. Abney, M. Blakeney, L. Collins, P. Collins, G. Cordner, N. Davis, R. Hopkins, S. Hunter, T. Kline, M. LaCount, J. McClanahan, D. Miller, R. Ochs, K. Scarborough, T. Schneid, M. Schumann, N. Spain, and J. Thurman

**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 ..... 50 hours**

EMC 104 (1), 110 (6), 115 (2), 200 (2), 205 (1), 212 (1), 215 (1), 225, 240, 310 (1), 315 (1), 320, 335, 340, 342, 352, 360 (2), 362 (4), 400, 480; CHS 105 (1).

**Support Course Requirements**

**Paramedic Clinical/FSE Option ..... 39 hours**

ENG 300; FSE 200, 225, 320, 400; BIO 171, 301, 378 (1); CHE 101 (4), 102 (4); PHI 383; PSY 200, 308.

**General Education Requirements**

**Paramedic Clinical/FSE Option ..... 36 hours**

Standard General Education program, excluding blocks IVB, VB, and VIII (6 hours). Refer to Section Four of this *Catalog* for details on the General Education and University requirements.

**Supporting Course Requirements**

**Paramedic/Science Option ..... 36 hours**

BIO 171, 121 (4), 273 (4), 301, 378 (1); CHE 111, 112 (4), 361, 362, 366 (1), 367 (1); PHY 131 (5).

**General Education Requirements**

**Paramedic/Science Option ..... 36 hours**

Standard General Education program, excluding blocks IVA, VB, and VIII (6 hours). Refer to Section Four of this *Catalog* for details on the General Education and University requirements.

**Free Electives ..... 2-5 hours**

**University Requirement ..... 1 hour**

JSO 100.

**Total Curriculum Requirements ..... 128 hours**

**FIRE AND SAFETY ENGINEERING TECHNOLOGY (B.S.)**

*CIP Code: B43.0201*

**Major Requirements ..... 42-50 hours**

**Core Requirements ..... 24 hours**

FSE 101, 120, 200, 221, 305, 320, 361, three hours approved (from 349, 489, or 499).

**Options**

**Fire Protection Engineering Technology .... 18 hours**

FSE 201, 225, 322, 360, 366, 410.

**Fire Protection Administration ..... 26 hours**

FSE 201, 223, 225, 250, 350 (4), 360, 400, 450 (4).

**Fire, Arson, and Explosion Investigation ..... 22 hours**

FSE 223, 225, 250, 350 (4), 450 (4), 495, 499 (2).

**Industrial Safety and Risk Management .... 21 hours**

FSE 322, 360, 362, 366, 367, 410, 412.

**Safety and Industrial Relations ..... 24 hours**

FSE 201, 225, 362, 367, 410, 412, 420, 430.

**Supporting Course Requirements ..... 26-41 hours**

**Fire Protection Engineering Technology .... 35 hours**

CHE 101 (4) or 111 (3); CHE 102 (4) or 112 (5); EHS 340, MAT 124, MAT 224, PHY 201, PHY 202, PHY 375, TEC 190 or ENG 300.

**Fire Protection Administration ..... 26 hours**

POL 377 or ACC 550, CHE 101 (4) or 111 (3), CHE 102 (4) or 112 (5), ENG 300, POL 376, PSY 202, TRS 233, VIT 364 or TTE 361.

**Fire, Arson, and Explosion Investigation ..... 32 hours**

CHE 101 (4) or 111 (3), CHE 102 (4) or 112 (5), ENG 300, FOR 301, PLS 216, 316, 375, 416, 426; JOU 325 or TEC 315 or TEC 313.

**Industrial Safety and Risk Management .... 29 hours**

APS 110; APS 210; CHE 101 (4) or 111 (3); CHE 102 (4) or 112 (5); EHS 340, 3 hours from EHS 345 or 440; ENG 300; 3 hours from INS 370, 372 or 378; TRS 332.

**Safety and Industrial Relations ..... 41 hours**

EHS 340, 345, 440, CHE 101 (4) or 111 (3), CHE 102 (4) or 112 (5), APS 110 or 210, ENG 300, INS 378, ACC 201, 202, ECO 230, MGT 300, 320, and three hours from MGT 440 or 445.

**General Education Requirements ..... 36-42 hours**

Standard General Education program, excluding blocks II, IVB, and VIII (6 hours) for Fire Protection Engineering Technology, blocks IVB, VB, and VII (NS) for Fire Protection Administration, blocks IVB and VII (NS) for Fire, Arson, and Explosion Investigation and Industrial Safety and Risk Management, and blocks IVB, VB, and VII (NS) for Safety and Industrial Relations. Refer to Section Four of this *Catalog* for details on the General Education and University requirements.

**University Requirement ..... 1 hour**

JSO 100.

**Free Electives ..... 0-14 hours**

**Total Curriculum Requirements ..... 128-129 hours**

**NOTE:** The Fire Protection Engineering Technology and Fire Protection Administration options do not contain a sufficient number of upper division hours to satisfy university requirements. Students should select courses in general education requirements to satisfy upper division hours.

\*A grade of "C" or higher must be earned in each FSE course for credit toward an Associate or Baccalaureate Degree in Fire and Safety Engineering Technology.

**Associate Degrees**

**PARAMEDICINE (A.S.P.)**

*CIP Code: 51.0904*

**Major Requirements ..... 40 hours**

EMC 104, 110, 115, 200, 205, 212, 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 ..... 65 hours**

**FIRE AND SAFETY ENGINEERING TECHNOLOGY (A.A.)**

*CIP Code: 43.0201*

**Major Requirements ..... 21 hours**

FSE 101, 120, 201, 221, 223, 225, and 3 hours of FSE electives with advisor approval.

**General Education Requirements ..... 48 hours**

Standard General Education program. Refer to Section Four of this *Catalog* for complete general education and University requirements.

**University Requirement ..... 1 hour**

JSO 100.

**Total Curriculum Requirements ..... 70 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 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 362, and 12 hours of FSE electives. Nine hours must be upper division.

**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**

\*Degree awarded by the Department of Loss Prevention and Safety and not Eastern Kentucky University.

**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**

**Endorsement**

**DRIVER EDUCATION ENDORSEMENT**

The requirements for a driver education endorsement for any teaching major are: TRS 285, 386, 487, and 588.



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# 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
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
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
HNF	Health Information
HON	Honors Program
HPR	General Physical Education and Lifetime Activities
HUM	Humanities
IES	Foreign Exchange Studies
INS	Insurance
INT	Industrial Technology
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
NFA	Nutrition, Foods, and Food Administration
NSC	Nursing (Baccalaureate)
NUR	Nursing (Associate)
OHO	Ornamental Horticulture
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
TTE	Technology Teacher Education
WMS	Women's 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).

I, II, and A used in the description of a course indicate the course will be offered the fall semester, spring semester, and by announcement, respectively. 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. See General Education Requirements in Section Four.

**ACC -- Accounting**  
**TBA, Chair**

**ACC 201 Introduction to Financial Accounting. (3) I, II.** Prerequisite: MAT 105 or take MAT 107 or higher concurrently. 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 300 Managerial Accounting. (3) I, II.** Prerequisite: ACC 202 with a grade of "C-" or better. A study of the concepts and applications of contemporary management accounting techniques for both manufacturing and service organizations, including ABC, JIT, and TQM. Cannot be taken for credit by accounting majors.

**ACC 301 Principles of Accounting --- Intermediate. (3) I, II.** Prerequisites: ACC 201, 202, 250, ECO 230, QMB 200, 240 and CMS 100 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. (1-4) A.** Prerequisites: minimum GPA of 2.25 and BBA majors only. Co-curricular work experience under faculty and field supervisors in placements related to academic studies. Training plan required. Normally one to four hours credit per semester or summer. Minimum 80 hours work required for each academic credit.

**ACC 349 A-N Cooperative Study: Accounting. (1-4) A.** Prerequisites: minimum GPA of 2.25 and BBA majors only. Co-curricular work experience under faculty and field supervisors in placements related to academic studies. Training plan required. Normally one to four hours credit per semester or summer. Minimum 80 hours work required for each academic credit.

**ACC 350 Accounting Information Systems. (3) I, II.** Prerequisites: ACC 202 with a grade of "C-" or better and CIS 300. The conceptual foundations of accounting information systems, the technology, the systems management of accounting information systems.

**ACC 390 Internship In Accounting. (4) II.** Prerequisite: "B" average and departmental approval. By invitation only.

**ACC 425 Accounting Theory. (3) I, II.** Prerequisite: ACC 302 with a grade of "C-" or better. 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: strong accounting background and instructor approval. Law as it relates to the accounting profession. Cases used from previous examinations given by the AICPA. Emphasis on short cuts and suggestions for timesaving on the examination.

**ACC 441 Auditing I. (3) I, II.** Prerequisites: ACC 302, 350, and QMB 200 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 442 Auditing II. (3) II.** Prerequisite: ACC 441 with a grade of "C-" or better. Application to accounting and auditing of internal control, statistical sampling, computer techniques, and audit reports.

**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.

**ACC 527 Managerial Cost Accounting. (3) A.** Prerequisite: ACC 327 with a grade of "C-" or better. Advanced problems in cost, budget, distribution costs, measurements of departmental efficiency, and analysis of cost information for managerial decisions.

**ACC 550 Accounting for Non-Profit Organization. (3) II.** General theory of budget implementation, and reporting as well as internal control and other significant areas for not-for-profit organizations. Cannot be taken by students who have an undergraduate major in ACC.

**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, yarn, 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.** 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.** 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.

**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, patternmaking 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.

**AFA—African/African-American Studies**  
**Dr. Aaron Thompson, Associate Vice President**

**AFA 201 Intro to African/African-American Studies. (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.

**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.

**AFS—Aerospace Studies (Air Force ROTC)**  
**Colonel William McKinney, 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.** Corequisite or Prerequisite: AFS 111 or 211. 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.** Corequisite or Prerequisite: AFS 113 or 213. A continuation of AFS 112.

**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.** Corequisite or Prerequisites: AFS 111 or 211; AFS 112, and 114. Builds on the foundation established during AFS 112 and 114. 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.** Corequisite or Prerequisites: AFS 113 or 213; AFS 112, and 114. A continuation of AFS 112. 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.** Corequisite or Prerequisite: AFS 311. 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.** Corequisite or Prerequisite: AFS 313. 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.** Corequisite or Prerequisite: AFS 411. Involves the cadets in higher level advanced leadership experiences similar to those in AFS 312. 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.** Corequisite or Prerequisite: AFS 413. 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.** Cross listed as OHO 301. A minimum of three hours per week per hour of credit using university or other approved facilities. Credit will not be awarded to students who have credit for OHO 301.

**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 Introduction to Agribusiness. (3) I.** 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 Conversation 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 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 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 Meat Identification and Consumer Evaluation. (2) A.** Principles of grading, cutting, identifying, pricing, and consumer evaluation of poultry, beef, pork, and lamb cuts, and related products.

**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. 1 Lec/4 Lab.

**AGR 376 Anatomy and Physiology of Domestic Animals. (3) A.** Prerequisite: six hours of animal science. Fundamental physiological processes of livestock relating to production, nutrition, and diseases.

**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 Seminar. (1-3) I, II.** 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. Credit will not be awarded to students who have credit for 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.

**ANT—Anthropology**  
**Dr. Elizabeth Throop, 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).

**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. Gen. Ed. VA, VC, or VII (SBS).

**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 206 Human Evolution. (3) A.** An introduction to primate and human evolution, emphasizing the fossil evidence of humankind's evolution and the development and evolution of human material culture. 2 Lec/2 Lab.

**ANT 330 American Indians. (3) A.** Prerequisite: ANT 120, 210, or 211; or instructor approval. Descriptive and comparative study of representative native American cultures, emphasizing Indians of North America, and including culture area concept and culture change since European contact.

**ANT 332 Perspectives on Canada. (3) A.** Multi-disciplinary online course exploring the history, geography, society, politics, economy, and environment of Canada. Emphasis on contemporary domestic and international issues, including trans-border economic and cultural relationships with the United States.

**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 350 Methods in Archaeology. (3) A.** Prerequisite: ANT 120, 210, or 211. An introduction to archeological method and theory, including reconnaissance, surface survey, excavation and processing, classification analysis, and interpretation of data. The course will include practical archeological exercises.

**ANT 353 Archaeological Theory. (3) A.** Prerequisite: ANT 120, 210, or 211. This course examines past societies emphasizing the Maya site of Copan, Honduras. Archaeological theory is examined in reference to Copan, including the history of archaeology, cultural ecology, trade, exchange, cultural evolution and state formation.

**ANT 355 Selected Topics in Archeology: \_\_\_\_\_.** (3) A. Prerequisite: ANT 350 or instructor approval. Sample topics: systems of chronology, historic archeological sites. May be retaken to a maximum of nine hours, provided the subject matter differs each time.

**ANT 357 Archaeology and the Law. (3) A.** Completion of ANT 350 is strongly advised before taking ANT 357. Federal legislation manages cultural resources in the part of modern development, and the repatriation of certain materials to descendant tribes is really for anthropology/archaeology. This course provides students with the opportunity to understand this legislation.

**ANT 360 Mesoamerica Before Cortez. (3) A.** Prerequisite: ANT 120, 210, or 211. Completion of ANT 350 is advised before taking ANT 360. This course focuses on the archeological past, the colonial experience, and the contemporary reality of the Indians of Mesoamerica — primarily the modern nations of Mexico, Belize, and Guatemala.

**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 375 Selected Topics: \_\_\_\_\_.** (3) A. Completion of ANT 120, 210, or 211 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 Bones, Bodies, and Disease. (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 and secondarily by art and literature.

**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.** Formerly ANT 390. 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 Archeology. (3) A.** Co or Prerequisites: ANT 350, 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 Archeology. (3-8) A.** Prerequisite: ANT 350. Introduction to both excavating techniques and laboratory classifications and the analysis of evidence. Attention given to accurate reporting and analysis.

**ANT 490 Tutorial in Anthropology. (1-3) A.** Formerly ANT 590. 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.

**ANT 499 Canadian Parliamentary Internship. (5) A.** Cross listed as POL 499. 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.

**APP—Appalachian Studies**  
**Dr. Aaron Thompson, Associate Vice President**

**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.

**APS—Assets Protection and Security**  
**Dr. James McClanahan, 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 Security Systems Integration. (3) A.** Classroom and laboratory review and assessment of security technology, construction of physical security survey instruments, and non-technical design of integrated physical security systems.

**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.** (3) I, II. Formerly ART 390. Study of art from prehistoric times through the Gothic period. Gen. Ed. IIIA or VII (AH).

**ARH 391 Survey of Art History II.** (3) I, II. Formerly ART 391. Study of art from the Renaissance to the present day. Gen. Ed. IIIA or VII (AH).

**ARH 492 Greek and Roman Art.** (3) A. Formerly ART 492. 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. Formerly ART 493. 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. Formerly ART 496. 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. Formerly ART 497. 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 594 Italian Renaissance Art.** (3) A. Formerly ART 594. Prerequisite: ART 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. Formerly ART 595. Prerequisite: ART 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.

**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).

**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 101, 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 instructor approval. Continuation of Painting sequence, emphasizing further development of skills and conceptual abilities as they relate to image-making.

**ART 313 Figure Painting.** (3) I, II. Prerequisite: ART 312. Painting problems involving the human figure as subject matter.

**ART 314 Painting Media.** (3) I, II. 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, II. 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 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 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 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 and approval of BFA committee. 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, 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 and approval of BFA committee. 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 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 and approval of BFA committee. 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 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 and approval of BFA committee. 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 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. Continued independent work in clay as defined and directed through individual projects.

**ART 474 BFA Ceramics. (3) I, II.**

Prerequisites: ART 473 and approval of BFA committee. 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 483 and admission to BFA program or departmental approval. 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 and approval of BFA committee. 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: ART 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. Kim Naugle, Acting Chair**

**ASL 101 American Sign Language I. (3) I, II.**

A functional notional approach to learning beginning American Sign Language (ASL). Development of basic vocabulary, syntax, non-manual markers, 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. Gen. Ed. VIII.

**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 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. Clinical hours required.

**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. Clinical hours required.

**ASO—Orientation**

**Dr. Andrew Schoolmaster III, 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.**

Elementary survey course; study of Moon, Sun, and eclipses; Solar System; near stars and Milky Way. Non-laboratory. Credit will not be awarded to students who have credit for AST 135. Gen. Ed. VII (NS).

**AST 135 Introductory Astronomy. (3) I, II.**

This course is the same as AST 130 except that a laboratory is offered in place of certain topics. Credit will not be awarded to students who have credit for AST 130. 2 Lec/2 Lab. Gen. Ed. IVB or VII (NS).

**AST 330 Stars, Blackholes: the Cosmos.**

**(3) A.** 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. Lonnie Davis, 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 HEA 202. 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. 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 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. (4) II.** Prerequisite: ATR 311. Study of the principles of pharmacology and psychosocial intervention with respect to injury and rehabilitation.

**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 healthcare 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. (3) A.** Prerequisites: AVN 192, 192A/193A 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.

**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.** Prerequisite: AVN 150 or 192 with a "C" or better. 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 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: MGT 301 with a "C" or better.

Acquaint student with the development, administrative and operational factors peculiar to commuter aviation. 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** 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: AVN 150 or AVN 192 with a "C" or better; or coordinator approval. 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. Renee Everett, 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 260 Film Genre: \_\_\_\_\_. (3) I, II.** Formerly COM 260. Study of the types of motion pictures. Analysis and critical evaluation of the typical elements of a genre, both visual and dramatic. May be retaken to a maximum of six hours with different course content. May not be taken concurrently with BEM 460.

**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 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.** Formerly COM 350. 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).

**BEM 351 Cinema History II. (3) A.** Formerly COM 351. 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).

**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 353 The Art and Craft of Screenwriting. (3) A.** Formerly COM 353. Conceiving, structuring, writing and marketing the contemporary American screenplay. Requires developing and writing original screenplays for marketing in the contemporary film environment.

**BEM 370 Electronic Cinema Production. (4) I, II.** 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: COM 201 and BEM 295. 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. 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.** Formerly COM 460. 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. May not be taken concurrently with BEM 260.

**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. Michael Foster, Acting 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 to students who have credit for NAT 101. 2 Lec/2 Lab. Gen. Ed. IVA.

**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.

**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.

**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 to students who have credit for 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.**

Prerequisites: 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 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 Plant Ecology. (3) A.**

Prerequisite: BIO 131, 335 or instructor approval. Ecological concepts and principles relevant to plant populations and communities. Emphasis on flora and vegetation of Eastern United States with field trip through the Southern Appalachians.

**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 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.

#### **CAH—Arts and Sciences Interdisciplinary Dr. Andrew Schoolmaster III, 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. Norb Elbert, Chair**

**CCT 101 Introduction to Business.** (3) I, II. A survey of business organizations, the economic environment, business ownership, and the functions of business. For pre-business and nonbusiness 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: CIS 212 or CCT 250. Emphasis on advanced applications of integrated office software as productivity tools.

**CCT 300 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. 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.** (1-3) A. Prerequisites: GPA of 2.25; sophomore classification for associate degree; junior classification for baccalaureate degree. Supervised co-curricular work experience. Training plan required. Minimum 80 hours work required for each academic credit. May be retaken to a maximum of six hours.

**CCT 349 A-N Cooperative Study: Corporate Communication and Technology. (1-3) A.**

Prerequisites: GPA of 2.25; sophomore classification for associate degree; junior classification for baccalaureate degree. Supervised co-curricular work experience. Training plan required. Minimum 80 hours work required for each academic credit. May be retaken to a maximum of six hours.

**CCT 460 Corporate Communication and Technology Internship. (2-4) A.** Prerequisites: GPA of 2.25; CCT 201, 300. 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 Managerial Communication Seminar. (3) A.** Prerequisite: senior or graduate standing. Course which applies business competencies and emphasizes analysis, application, and integration of communication processes, methods, media, and strategies in managerial decision making.

**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 300 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.** 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 SOC 345.

**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.** 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.

**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.** Formerly CDF 345. Prerequisite: CDF 244 or 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 327 Family Involvement with Young Children. (3) I, II.** Formerly CDF 247. Prerequisites: CDF 235, 236, and 246 or CDF 345 or department 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.

**CDF 331 Marriage and Intimate Relationships. (3) I.** 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.

**CDF 342 Child and Adolescent Development. (3) II.** Physical, mental, emotional, and social development of the child from school age to adolescence, case studies, observations, and participation experiences with children culturally advantaged and disadvantaged.

**CDF 343 Program Planning for Preschool Children. (3) I, II.** Prerequisites: CDF 235, 236, and 246 or department approval or CDF 241 and 244 or CDF 345. 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 or 241. 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. (6) I, II.** Formerly CDF 350. 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 on family, education, and community will be explored.

**CDF 538 Research Analysis in Child and Family Studies.** (3) **I.** Prerequisites: CDF 235 or CDF 241 and 244 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. Martin Diebold, Acting Chair**

**CDS 090 Speech-Language Laboratory.** (3) **A.** Formerly SED 090. 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.** Formerly SED 250. 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.** Formerly SED 273. 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.** Formerly SED 275. 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.** Formerly SED 285. 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.** Formerly SED 360. 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.** Formerly SED 365. 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.** Formerly SED 372. 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.** Formerly SED 373. 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.** Formerly SED 374. 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.** Formerly SED 380. 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.** Formerly SED 464. Prerequisites: CDS 360 and 365. Study of language impairment in children and principles for remediation.

**CDS 465 Disorders of Fluency.** (3) **I.** Formerly SED 465. 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.** Formerly SED 474. 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.** Formerly SED 475. Prerequisite: admission to the CDS program. Lectures and selected readings in etiological perspectives of functional and organic voices disorders; assessment, classification, and treatment designs for vocal pathologies in children.

**CDS 485 Audiologic Evaluation.** (3) **II.** Formerly SED 485. 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.** Formerly SED 487. 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.** Formerly SED 488. 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.** Formerly SED 520. 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.** Formerly SED 541. 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.** Formerly SED 571. 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.** Formerly SED 572. Study of the physics of sound, acoustic characteristics and processes, perceptual correlates, production of speech, and psychophysical processes of communication.

**CHE—Chemistry**  
**Dr. Alan Schick, 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).

**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.

**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.

**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.

**CHE 111 General Chemistry I.** (3) **I, II.** Prerequisite or Corequisite: CHE 115 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 115. Gen. Ed. VII (NS) or IVB with CHE 115.

**CHE 112 General Chemistry II. (3) I, II.**  
Prerequisite: CHE 111 and 115 with a grade of "C" or better. Prerequisite or Corequisite: CHE 116 or CHE 116H 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 116 or CHE 116H. Gen. Ed. VII (NS) or IVB with CHE 116 or CHE 116H.

**CHE 115 General Chemistry Lab I. (1) I, II.** 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. 3 Lab. Gen. Ed. IVB with CHE 111.

**CHE 116 General Chemistry Lab II. (1) I, II.** Prerequisites: CHE 111 and 115 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. 3 Lab. Gen. Ed. IVB with CHE 112.

**CHE 116H Gen. Chemistry Honors Lab II. (2) I, II.** Prerequisites: CHE 111 and CHE 115 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. 4 Lab. Gen. Ed. IVB with CHE 112.

**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 366; 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 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 367.

**CHE 366 Organic Chemistry Laboratory I. (1) I, II.** Prerequisite or Corequisite: CHE 361. Experimental work to illustrate principles of organic

chemistry. Basic techniques and selected syntheses. 3 Lab.

**CHE 367 Organic Chemistry Laboratory II. (1) I, II.** Prerequisites: CHE 361 and 366 with a "C" (2.0) or better. Prerequisite or Corequisite: CHE 362. Experimental work to illustrate principles of organic chemistry. Selected synthetic techniques and advanced techniques such as separation and identification. 3 Lab.

**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 471 Physical Chemistry I. (3) A.** Prerequisite: CHE 361 with a "C" (2.0) or better. Prerequisites or Corequisites: MAT 224, PHY 131 or 201. A functional knowledge of a computer language is expected. Thermodynamic properties of physicochemical systems; free energy and equilibria; electrochemical processes; electrolytic solutions and activity coefficients.

**CHE 472 Physical Chemistry II. (3) A.** Prerequisite: CHE 361 with "C" (2.0) or better. Prerequisite or Corequisite: PHY 132 or 202, and MAT 225. Kinetic theory of gases and reaction rates; atomic and molecular structures; spectroscopy; introductory statistical thermodynamics.

**CHE 473 Physical Chemistry Laboratory. (2) A.** Prerequisite: CHE 325. Prerequisites or Corequisites: CHE 470, 471 or 472; CHE 480. A functional knowledge of computers is expected. Experimental work to illustrate principles of physical chemistry; thermochemistry, equilibrium; reaction kinetics; molecular spectroscopy. 6 Lab.

**CHE 480 Seminar I. (1) I.** Prerequisite: CHE 361. Seminar series including following topics: introduction to the use of chemical literature with emphasis on computer searches in Chemical Abstracts and Internet resources; seminar preparation techniques; job search skills; career opportunities in chemistry; current research in chemistry. One weekly meeting.

**CHE 481 Seminar II. (1) II.** Prerequisite: CHE 480. Presentation of significant developments from recent literature to members of the chemistry faculty and departmental majors. One weekly meeting. May be retaken for a maximum of two hours.

**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, 367, 471, and 550; 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 367. 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 367. 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 367. 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 367, and CHE 470 or 471. Survey of new reactions and comprehensive study of reaction mechanisms.

**CHE 572 Advanced Physical Chemistry. (3) A.** Prerequisite: CHE 472 (MAT 353 recommended) or instructor approval. Intermediate and advanced topics in thermodynamics, kinetics, structure and bonding.

**CHE 585 Principles of High Polymers. (3) A.** Prerequisites: CHE 362 and 367. 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 to students who have previously taken CHS 200.

**CHS 207 Survey of Disease. (3) I, A.** Prerequisites: BIO 171, 301. Prerequisite or Corequisite: CHS 105 or instructor approval. An introduction to disease process and management. Includes a survey of disease of the major body systems. HNF students may not take this course to fulfill major requirements.

**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 250 Introduction to Gerontology. (3) I, II.** An interdisciplinary approach to the study of aging that presents a balanced view of both normal and problem aspects of aging.

**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 instructor 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 TBA, Chair

**CIS 103 Introduction to Spreadsheets. (1) I, II.** Fundamental concepts and common end-user applications of electronic spreadsheets. Includes creation and enhancement of spreadsheets, graphs, data management, macros, and multiple files. Credit will not be awarded to students who have credit for CIS 212 or CSC 104.

**CIS 104 Introduction to Database Management. (1) A.** Introduction to database concepts. Includes creating and using a file; file rearranging, reporting, and editing. File management, customized programs, and relational databases. Credit will not be awarded to students who have credit for both CIS 104 and CIS 212 or CSC 104.

**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 to students who have credit for CSC 104. Gen. Ed. VII (QS).

**CIS 215 Introduction to Business Programming. (3) I, II.** Prerequisite: CIS 212 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 equivalent with a grade of "C-" or better. Advanced word processing, spreadsheets, database management, and presentation software. Credit will not be awarded to students who have credit for CCT 290.

**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 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 340 Electronic Business Technologies and Tools. (3) A.** Prerequisite: CIS 215 or equivalent 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 and server-side Web applications; HTML, XML, and scripting languages.

**CIS 349 Applied Learning in Computer Information Systems. (1-3) A.** Prerequisites: GPA 2.25 and BBA major, only. Co-curricular work experience under the direction of faculty and field supervisors. Training plan required. Normally limited to a maximum of six hours. Minimum 80 hours experience per credit hour. May not count toward major.

**CIS 349 A-N Cooperative Study: Computer Information Systems. (1-3) A.** Prerequisites: GPA 2.25 and BBA major, only. Co-curricular work experience under the direction of faculty and field supervisors. Training plan required. Normally limited to a maximum of six hours. Minimum 80 hours experience per credit hour. May not count toward major.

**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: CIS 212 or equivalent 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) I, II.** Prerequisite: CIS 215 with a grade of "C-" or better. 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: CIS 300 and MGT 300 with a grade of "C-" or better in each course. 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) A.** Prerequisites: CIS 300 and MGT 300 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 435 Data Base Management. (3) I, II.** Prerequisite: CIS 215 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.

**CIS 436 Advanced Data Base Management. (3) A.** Prerequisite: CIS 435. 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 476 Decision Support and Expert Systems. (3) I.** Prerequisites: CIS 380 and 435. Course focus is on design, development, implementation, and contribution of DSS and ES to management planning, decision making, and control. Students will design and validate model-based DSS, data based DSS, and expert systems to aid managerial problem solving.

**CIS 480 Information Systems Implementation. (3) I, II.** Prerequisites: CIS 250, CIS 340, CIS 380 and CIS 435 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 Dr. Darryl Barnett, 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. 4 Lec/Lab.

**CLS 300 Clinical Laboratory Administration. (2) I.** Prerequisite: enrollment in upper division plan or instructor approval. Lab calculations, instrumentation, and quality assurance. 2 Lec.

**CLS 303 Clinical Laboratory Skills. (1) I, II.** Prerequisite: CLS major or instructor 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 plan or instructor 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 or CLS major or instructor 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, CLS major, or instructor 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 plan or instructor approval. Morphology of blood, determination of blood parameters and dyscrasias; mechanisms and procedures in coagulation. 6 Lec/Lab.

**CLS 320 Immunohematology. (3) II.** Prerequisite: enrollment in upper division plan or instructor 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 plan or instructor 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 211 or permission of the instructor, and admission to 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 211 or permission of the instructor, and admission to 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 404 Cytotechnology Techniques. (3) I.** Prerequisite: enrollment in cytotechnology program. Experiences in various preparatory techniques including methods of obtaining and staining specimens. Experiences with clerical procedures, and understanding laboratory safety.

**CLS 406 Cytology Seminar. (3) I.** Prerequisite: enrollment in cytotechnology program. Experience in the areas of administration, professional relationships with physician and hospital personnel, patient management, quality control and professional ethics.

**CLS 408 Cytology Female Genital Tract. (9) I.** Prerequisite: enrollment in cytotechnology program. Study normal cells cyclic variation, reactions to infections, injury and hormonal abnormalities. Criteria for premalignant and malignant changes. Study the pathogenesis and histopathology related to cytodiagnoses.

**CLS 410 Cytology Respiratory Tract. (3) II.** Prerequisite: enrollment in cytotechnology program. Cyto diagnosis of disease of the respiratory tract. Anatomy, histology and physiology as related to normal and abnormal cellular morphology. Methods of specimen collection and processing are discussed.

**CLS 412 Cytology Body Cavity Fluids. (3) II.** Prerequisite: enrollment in cytotechnology program. Cyto diagnosis of diseases of body cavity fluids. Anatomy, histology and physiology as related to normal and abnormal cellular morphology. Methods of specimen collection and processing are discussed.

**CLS 414 Cytology Breast. (3) II.** Prerequisite: enrollment in cytotechnology program. Cytodiagnosis of diseases of the breast fluids. Anatomy, histology and physiology as related to normal and abnormal cellular morphology. Methods of specimen collection and processing are discussed.

**CLS 416 Cytology Gastrointestinal Tract. (3) II.** Prerequisite: enrollment in cytotechnology program. Cytodiagnosis of diseases of the gastrointestinal tract. Anatomy, histology and physiology as related to normal and abnormal cellular morphology. Methods of specimen collection and processing are discussed.

**CLS 418 Cytology Urinary Tract. (3) II.** Prerequisite: enrollment in cytotechnology program. Cytodiagnosis of diseases of the urinary tract. Anatomy, histology and physiology as related to

normal and abnormal cellular morphology. Methods of specimen collection and processing are discussed.

**CLS 420 Cytology Body Sites. (3) A.** Prerequisite: enrollment in cytotechnology program. Cytodiagnosis of diseases of the miscellaneous body sites. Anatomy, histology and physiology as related to normal and abnormal cellular morphology. Methods of specimen collection and processing are discussed.

**CLS 422 Cytology Aspiration. (4) A.** Prerequisite: enrollment in cytotechnology program. Introduction to the techniques of fine needle aspiration biopsy. Provides a systematic approach to the study of aspiration biopsy cytology.

**CLS 431 Clinical Correlations. (3) I, A.** Prerequisites: enrollment in upper division plan 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 plan 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 plan 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 plan 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 plan 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 plan and completion of all 300-level CLS courses. Diagnostic blood morphology studies in an affiliated laboratory.

**CLS 439 Urinalysis Practicum. (1) I, A.** Prerequisites: enrollment in upper division plan and completion of all 300-level CLS courses. Diagnostic urine procedures in an affiliated laboratory.

**CLS 440 Blood Bank Practicum. (2) II, A.** Prerequisites: enrollment in upper division plan 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 plan and completion of all 300-level CLS courses. Practical immunology in an affiliated laboratory.

#### CLT—Clinical Laboratory Technology Dr. Darryl Barnett, Chair

**CLT 201 Urinalysis. (1) I, II.** Prerequisite: admission to CLT program or instructor approval. Corequisite: CLT 205 and CLT 206. Clinical lab procedures used in the analysis of urine and other body fluids. 4 Lec/Lab.

**CLT 202 Hematology. (3) II.** Prerequisite: admission to CLT program. Clinical procedures used in hematology and coagulation. 4 Lec/Lab.

**CLT 203 Clinical Chemistry. (3) I.** Prerequisite: admission to CLT program. Clinical procedures used in clinical chemistry and parasitology. 4 Lec/Lab.

**CLT 204 Immunology/Blood Banking. (2) I.** Prerequisite: admission to CLT program or instructor 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 206. Prerequisites: 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. Relationships among CLT topics. Stresses mastery of subdisciplines at technician level, clinical significance, and interpretation of lab requests. 2 Lec.

**CLT 208 Clinical Techniques. (1) I, II.** Prerequisite: admission to CLT program or instructor approval. Prerequisite or Corequisite: CHE 111. Introduction to the laboratory including laboratory techniques, laboratory mathematics, safety, venipuncture, and spectrophotometry.

**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/4 Lab.

**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. Renee Everett, 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 to students who have credit for CMS 301. Gen. Ed. IC.

**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 Argumentation and Debate. (3) I.** The study of the techniques and principles of formal argumentative discourse. Emphasis on developing, presenting, and defending a position of controversial questions.

**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.

**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) II.** Prerequisite: CMS 100 or CMS 210. A skills-oriented approach to communication in the workplace. Topics include the following: listening, professional etiquette, conducting meetings, preparing and presenting persuasive, professional reports, and technology (telephone, teleconferencing, and powerpoint).

**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 406 Communication Training and Development. (3) II.** An introduction to the field of communication training and development for corporate, industrial, institutional, medical or educational settings. While studying the theoretical frameworks on which training and development techniques are based, students will practice training techniques in simulated situations.

**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.** Prerequisite: CMS 250. 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 480 Analyzing Human Communication. (3) I.** Formerly CMS 305. Prerequisites: CMS 300 and CMS 410. Introduction to the process of producing knowledge about human communication. This course emphasizes the qualitative analysis of data from field studies, interviewing, texts, and surveys that relate to the processes of human communication. Credit will not be awarded to students who have credit for SPE 305 or CMS 305.

**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 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. Andrew Schoolmaster III, 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. Renee Everett, 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).

**COM 201 Writing and Reporting News I. (3) I, II.** Prerequisites: ENG 101 and 102 (or 105). 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 309 Integrated Marketing Communications. (3) A.** Cross listed as MKT 309 and TEC 309. A course covering the theories, strategies and skills of Integrated Marketing Communication, with a special emphasis on applying IMC to the Internet and the World Wide Web (WWW). Credit will not be awarded to students who have credit for MKT 309 or TEC 309.

**COM 320A Desktop Publishing. (1) I, II.** Introduces the basic concepts and terminology necessary for understanding the creation of media content using computer hardware and software.

**COM 320B Advanced Word Processing. (1) I, II.** Prerequisite or Corequisite: COM 320A. Study the skills and techniques necessary to enhance the presentation of printed materials.

**COM 320C Creating Newspapers and Magazines. (1) I, II.** Prerequisite or Corequisite: COM 320A. Study of the skills and techniques necessary to prepare printed and graphic material for publication in newspaper and magazines.

**COM 320D Creating Newsletters and Brochures. (1) I, II.** Prerequisite or Corequisite: COM 320A. Study of the skills and techniques necessary for the creation of promotional and informational printed pieces.

**COM 320E Creating Graphic/Illustrative Content. (1) I, II.** Prerequisite or Corequisite: 320A. Study of the skills and techniques necessary to create and design display and informational graphics.

**COM 320F Web Page Development. (1) I, II.** Prerequisite or Corequisite: COM 320A. Fundamentals of Web page development including basic techniques, evaluation of effective Web page design, and elements that attract readers to the Web pages.

**COM 320G Computer Image Processing. (1) I, II.** Prerequisite or Corequisite: COM 320A. Study of the skills and techniques necessary to input, edit, retouch and enhance images. Introduction to the development of creative illustrations suitable for publication or presentation on the web.

**COM 320H Creating Computer Based Presentations. (1) I, II.** Prerequisite or Corequisite: COM 320A. Study of the skills and techniques necessary to design and create effective computer based presentations.

**COM 320I Desktop Video. (1) I, II.** Prerequisite or Corequisite: COM 320A. Study of the skills and techniques that allow effective communication in the electronic media using desktop video tools. An examination of the video art form from an aesthetic perspective to include television, film, art, multimedia, web video and 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 to students who have credit for 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 Fundraising.** (3) **I, II.** An overview of fundraising, 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 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 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 to students who have credit for MKT 426.

**COM 491 Senior Seminar.** (1) **I, II.** Prerequisites: completion of 90 hours with at least 1 hour from BEM 349 or 343 or 398, or COM 349, or JOU 349 or 302, or PUB 349 or 378. 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.

**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.

**CON—Construction Management**  
**Mr. John Stratman, 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. Kevin Minor, Chair**

**COR 100 Orientation to Correctional and Juvenile Justice Studies. (3) A.** Focuses on departmental goals and objectives, curriculum, student-faculty relationships, career options, and the development of competencies needed for success in college and professional environments. Includes experiential activities designed to promote team-building and leadership skills.

**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 301 Institutional Corrections. (3) A.** Prerequisites: COR 100 and 201 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 100 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 100 and 201 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 100 and 201 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 Youth Work Practice. (3) A.** Prerequisite: departmental approval. This course has a workshop format and focuses on current problems, issues and strategies in providing effective services to juveniles. May be retaken for a maximum of twelve hours provided subject matter differs.

**COR 321 Juvenile Corrections. (3) A.** Prerequisites: COR 100, 201, 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 100 and 201 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 100 and 201 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: COR 100 and 201, 30 hours of college coursework, and departmental approval. Work under faculty and field supervisors, in placements related to academic studies. One to six hours credit is available. Total hours: three, associate; 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: COR 100 and 201, 30 hours of college coursework, and departmental approval. Work under faculty and field supervisors, in placements related to academic studies. One to six hours credit is available. Total hours: three, associate; six, baccalaureate. A minimum of 80 hours work experience is required for each academic credit.

**COR 350 Correctional Intervention Strategies. (3) A.** Prerequisites: COR 100 and 201 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. (1-3) A.** Prerequisites: COR 100, 201, and 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 291 or QMB 200 or STA 215 or STA 270.

**COR 423 Topical Seminar. \_\_\_\_\_.** (1-3) A. Prerequisites: COR 100 and 201 or departmental approval. Intensive study of selected topics related to corrections and juvenile justice. May be retaken to a maximum of six hours on different topics.

**COR 460 Independent Study. (1-6) A.** Prerequisites: COR 100, 201, and 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 faculty supervisor and department chair prior to enrollment.

**COR 470 Delinquency and Crime Prevention. (3) A.** Prerequisites: COR 100 and 201 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.

**COR 490 Senior Seminar. (3) A.** Prerequisites: senior standing and 30 hours of COR coursework including COR 388 and COR 400, or departmental approval. Capstone course involving development of a senior level research paper on a corrections or juvenile justice topic grounded in relevant literature. Emphasis on integration of knowledge acquired in previous courses.

**CRJ—Criminal Justice**  
**Dr. Carole Garrison, 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.** Prerequisite: CRJ 101 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.** 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.

**CRJ 312 Judicial Processes. (3) A.** Prerequisite: CRJ 101 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.** Prerequisite: CRJ 101 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 to students who have credit for PLS 326.

**CRJ 315 Administration of Justice. (3) A.** Prerequisite: CRJ 101 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.** Prerequisite: CRJ 101 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.** Prerequisite: CRJ 101 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.** 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.

**CRJ 350 International and Comparative Criminal Justice Systems. (3) A.** Prerequisite: CRJ 101 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.** Survey of rural crime and justice issues, crime trends, policing and control of rural crime.

**CRJ 388 Criminal Justice Research. (3) A.** Prerequisite: CRJ 101 or COR 201 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.

**CRJ 400 Applied Criminal Justice Analysis. (3) A.** Prerequisite: CRJ 388 or equivalent. Analytical and statistical concepts and procedures relevant to crime and criminal justice data. Includes quantitative and qualitative techniques.

**CRJ 401 Organized Crime. (3) A.** Prerequisite: CRJ 101 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.** 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.** Prerequisite: CRJ 101 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.

**CRJ 410 Alcohol and the Law. (3) A.** 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.** 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.** Prerequisite: departmental approval. 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. 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.** Prerequisite: departmental approval. 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.

**CRJ 540 Special Problems in Criminal Law. (3) A.** Prerequisite: CRJ 101 or departmental approval. Advanced study of criminal law and criminal procedure. Consideration of problems relating to the police role in the administration of criminal justice and judicial enforcement of limitations upon police practices.

#### CSC—Computer Science Dr. Jaleh Rezaie, 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 to students who have credit for 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 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 190 Introduction to C++, (3) I, II.** Prerequisite: CSC 160 with at least a "C" or departmental approval. Introduction to problem solving with computers using the object-oriented language C++. Basic concepts include data types, classes, control structures, functions, and input/output features. 2 Lec/2 Lab. Gen. Ed. VII (QS).

**CSC 191 Advanced Computer Programming—C++. (3) I, II.** Prerequisite: CSC 190 with a minimum grade of "C". Pointers, structures, storage classes, overloading, inheritance, polymorphism, templates, file input/output, object-oriented analysis and design. 2 Lec/2 Lab.

**CSC 195 Introduction to Discrete Structures. (3) I, II.** Prerequisites: A grade of at least "C" in CSC 190; a grade of at least "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 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 305 Computers and Society. (3) A.** Cross listed as POL 305 and SOC 305. The influence of computers on social and political processes. Software related to socio-political issues. Credit will not count toward major/minor requirements except for CSC teaching programs. Credit will not be awarded to students who have credit for POL 305 or SOC 305.

#### 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 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 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. Informational 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: CSC 312 and 340 with a minimum grade of "C-" in each. 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 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 530 Concepts of Programming Systems. (3) A.** Prerequisites: three hours of a programming language and 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 students who have a six hour sequence of the programming language taught in this course.

**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 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 545 Theory of Database Systems. (3)**

**A.** Prerequisite: CSC 312 or CSC 540. Models and principles of information systems. Database languages. The logical and physical design, and the implementation and use, of database management 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: MAT 224 or 224H, 214; CSC 312 and 320. Drawing graphic primitives (lines, circles, etc.), filling and transforming graphic objects, clipping, representing curves (splines, fractals), representing 3D objects, projection, visible-surface detection, 3D transformations.

**CTE-Career and Technical Education**

**Dr. William E. Davis, Chair**

**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.** Formerly CTE 203.

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.** Formerly TTE 261. 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.** 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.

**CTE 469 Seminar in Teaching Industrial Education. (4) A.** A seminar in lieu of student teaching at the appropriate level, designed to provide additional certification for students who have completed four years of successful teaching experience.

#### 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) I.** 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 Design I: Intro to Graphic Design. (3) I.** Prerequisites: ART 100 and 152. Introduction to the field of professional graphic design, its conceptual and technical makeup. Discussion of varied approaches to graphic design and problem solving in several areas of specialization.

**DES 251 Software for Graphic Design I. (3) I.** Prerequisites: ART 100, 152, 153; Corequisite: DES 250. An in-depth introduction to image-editing and vector-based drawing software. A step-by-step approach to mastering basic computer skills as well as intermediate techniques. Demonstrates the ways these applications can be used in design, illustration, print and electronic presentations.

**DES 252 Software for Graphic Design II. (3) II.** The integration of image-editing, drawing, and page layout software to produce complex graphic design solutions.

**DES 254 Typography. (3) II.** Prerequisites: DES 250, 251; Corequisite: DES 252. A study of the design and use of letter forms as it relates to graphic

design. Emphasis on practical and aesthetic concerns, hierarchy of information, characteristics and specifications. Historical and contemporary issues will be discussed.

**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. Corequisites: TEC 331 and 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. 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) II.** Prerequisite or Corequisite: ART 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) I.** 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 350 Design II. (3) II.** Prerequisite: DES 250. Problem solving in the areas of packaging design, corporate design, advertising design, and illustration.

**DES 351 Design III. (3) I.** Prerequisite: DES 250. An in-depth study of visual imagery as a communicative and narrative medium using a wide range of both traditional and digital media in black and white and color.

**DES 353 Production for Graphic Design. (3) II.** Prerequisites: DES 252, 254, and admission to BFA program. Preparation of electronic files with regard to the reproduction of printed matter in both spot and four-color processes. Students will consider alternatives in the preparation of camera-ready art. The reproduction of typography, illustration, photography, and graphics will be discussed. The students will work on real life projects when applicable to bring an appreciation to the craft of the printed matter.

**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. 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. 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 451 Graphic Design and the Web. (3) I.** Prerequisites: DES 252 and admission to the BFA program. Introduction to both the artistic and technical aspects of web site creation, including XHTML scripting, image creation using Adobe Photoshop, file formats for the Web, transferring files and more. A fundamental knowledge of Photoshop and Illustrator is required to enter this course. Credit will not be awarded for both DES 451 and DES 452.

**DES 453 Design IV - Systems Design. (3) I, II.** Prerequisite: DES 353. A systematic approach to advanced graphic design. Focus on advanced graphic design using a series format. Both two and three dimensional concerns will be addressed.

**DES 454 BFA Graphic Design. (3) I, II.** Prerequisites: DES 453 and approval of BFA committee. Corequisite: ART 499. Course includes preparation for senior show, writing of senior thesis, and portfolio assembly.

**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. John Wade, 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). Students who have completed or are enrolled in ECO 230 or 231 will not receive credit for ECO 120.

**ECO 220 Statistical Methods for Economics I. (3) I, II.** 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 301 or QMB 200 or STA 208 or STA 215 or STA 270.

**ECO 230 Principles of Economics I. (3) I, II.** Prerequisite: MAT 095 or ACT math score of 18 or SAT math score of 490 or higher. 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).

**ECO 231 Principles of Economics II. (3) I, II.** Prerequisite: MAT 095 or ACT math score of 18 or SAT math score of 490 or higher. 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).

**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) I, II.** 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 310 Contemporary Economic Problems. (3) I, II.** Formerly ECO 130. Prerequisite: MAT 095 or ACT math score of 18 or SAT math score of 490 or higher. 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. Gen. Ed. VB, VC, or VII (SBS).

**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 Statistical Methods for Economics II. (3) I.** Prerequisite: ECO 220, STA 270, QMB 200 or departmental approval. Cross listed as STA 320. Business and economic applications of sampling, probability, time series analysis, index numbers, simple linear regression, correlation, the chi-square, analysis of variance, multiple regression and correlation, and non-parametric statistics. Credit will not be awarded to students who have credit for ECO 848 or EPY 843 or QMB 300 or STA 320 or STA 500.

**ECO 324 Money and Banking. (3) I, II.** 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 330 Intermediate Microeconomics. (3) I.** Prerequisite: ECO 230. Analysis of consumer and producer behavior, market equilibrium, pricing and resource allocation under alternative market structures, risk aversion and information.

**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.** 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.

**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) I.** 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) I.** 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 415 American Economic History. 3 (A).** Prerequisite: 3 hours of HIS or departmental approval. Cross-listed with HIS 415. Factors spurring and hindering American growth and development from the colonial period through the present.

**ECO 420 Econometrics. (3) II.** Prerequisite: ECO 320 or departmental approval. Use of economic theory and statistics in the formulation, estimation, and testing of economic models. Applications in the analysis of consumer and producer behavior, markets, and macroeconomic relations.

**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/departmental 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.

**EDF 203H 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. Dual credit and/or Jump Start students are required to take EDF 310 upon completion of this course. 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 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; 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.

**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 not awarded to students with credit for EDF 319.

**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, properties of AC-DC, basic circuit laws, circuit simulation, magnetism, energy conversion, and rectification. 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. Digital mathematics, logic families, logic gates, multiplexers, comparators, counters, decoders, displays, converters, memory systems, and microcomputer systems are covered in a combination of lecture, demonstration, and laboratory. 2 Lec/2 Lab.

**EET 253 Microprocessor Systems. (3) I, II.** Prerequisite/Corequisite: EET 252. The operation and application of the microprocessor in desktop and process control systems. Data, address, and control signals; memory expansion; digital and analog input and output ports; power control interface; and data communications are covered in the laboratory. 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 Circuits and Electronic Devices. (3) I, II.** Prerequisite: EET 251. Electrical circuits and theorems. A technical analysis of the characteristics of solid state devices and the common circuits that utilize these devices. Emphasis on problem solving supplemented by laboratory analysis of electronic circuits and devices. 2 Lec/2 Lab.

**EET 302 PC Troubleshooting & Construction. (3) I, II.** This course covers the construction, operation and troubleshooting of microprocessors, system memory, computer architecture, video types, monitors, hard drives, mice, cabling, notebook computers and printers as they relate to the running of current application programs. Building of computer systems specific to user requirements are covered in a combination of lecture, demonstration, and laboratory. 2 Lec/2 Lab.

**EET 303 LANs & PC Communications. (3) A.** 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. This course provides the participant with basic information on installing,

troubleshooting and using microcomputer communication and local area network hardware and software. 2 Lec/2 Lab.

**EET 305 Linear Electronic Circuits. (3) A.** Prerequisite: EET 257. An analysis of electronic control circuits and devices to include both linear and nonlinear amplifiers. 2 Lec/2 Lab.

**EET 343 Network Switches & Routers. (3) I.** Formerly EET 313. Prerequisite: EET 303. This course covers 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.

**EET 349 A-H Cooperative Study: CET/CEN. (1-8) I, II.** Prerequisite: departmental approval, sophomore (30-59 hours) or higher standing and minimum of 2.5 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. Total maximum hours: 8, associate; 16 baccalaureate. A minimum of 80 hours work required for each academic credit.

**EET 350 Industrial Electronics I. (3) I.** 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) I, II.** Prerequisite: EET 251. The study of programmable logic controllers (PLCs). PLC functioning theory, selection, wiring, and programming. 2 Lec/2 Lab.

**EET 354 Microcomputer & Network Security. (3) A.** Prerequisite: EET 303. System considerations involved in securing PCs and networks in a very dynamic environment using appropriate hardware and software. Computer viruses, encryption, VPNs, ACLs, firewalls, secure protocols. The course includes testing and configuring security on PCs and networks in a combination of lecture, demonstration, and laboratory. 2 Lec/2 Lab.

**EET 395 Special Topics in CET/CEN. (2-3) A.** Prerequisite: departmental approval. Emerging technologies in the area of Computer Electronics Technology (CET) and Computer Electronic Networking (CEN): networking system administration, microcomputers, electronics, hardware, network operating systems, scripting, security, computer industry standard certifications, will be covered in a combination of lecture, demonstration and laboratory. May be repeated up to a maximum of 9 hours provided subject matter differs each time. Lec/Lab.

**EET 399 CET Capstone Project. (3) II.** Formerly EET 355. Prerequisite: departmental approval and sophomore standing with a minimum of 24 semester hours of EET coursework completed. A project and research oriented course which serves as a capstone experience for Computer Electronics Technology (CET). The design, implementation, analysis, and troubleshooting of electronic and computer technology related systems is emphasized.

**EET 403 Advanced LANs and PC Communication. (3) II.** Prerequisite: EET 303. This course will cover installation, configuration, troubleshooting and maintaining server set up. The participants will be given the opportunity to setup and run server operating systems with Ethernet hardware. 2 Lec/2 Lab.

**EET 440 Fiber-optics & Communications. (3) A.** Prerequisite: MAT 108 or higher, EET 251 and EET 257. Principles of communication over fiber and other media. Digital and analog data transmission. Modulation and multiplexing of data. Functioning of various fiber-optic system components. Safety, testing and troubleshooting of single and multi-mode systems. Design, simulation and implementation of communication circuits in a combination of lecture, demonstration, and laboratory. 2 Lec/2 Lab.

**EET 452 Electrical Power & Drives. (3) II.**

Prerequisites: MAT 108 or higher, EET 251 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 controlling machinery and computer systems. Installation, programming and maintenance of digital drives are covered in a combination of lecture, demonstration, and laboratory. 2 Lec/2 Lab.

**EET 499 CEN Capstone Project. (3) II.** Formerly EET 455. Prerequisite: departmental approval and senior standing. A project and research oriented course which serves as a capstone experience for Computer Electronic Networking (CEN). The design, implementation, analysis, and troubleshooting of networking, computers and electronics technology related systems, is emphasized.

**EHS—Environmental Health Science  
Dr. Darryl Barnett, Chair**

**EHS 225 African/African-American Health Issues. (3) I.** 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.

**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.** 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: instructor approval. Discussion and analysis of literature related to selected current environmental health problems.

**EHS 300 Water Supplies and Waste Disposal. (4) I, II.** Prerequisite: EHS 280. Corequisite: BIO 320. 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.

**EHS 330 Environmental Control of Disease Vectors. (3) II.** Prerequisite: BIO 141. The identification and control of arthropods, arachnids, rodents, and other vectors of disease. Safe use of pesticides will also be discussed.

**EHS 335 Hazardous and Solid Waste Management. (3) II.** Prerequisites: CHE 111 and EHS 280; or instructor approval. 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 covered.

**EHS 340 Industrial Hygiene. (3) I, II.** Prerequisites: BIO 141, CHE 111, and EHS 280; or instructor 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 instructor 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) I, II, 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) I, II, 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 & Env. 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 and EHS 280; or instructor 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 HEA 450; or instructor 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: BIO 320 and EHS 280; or instructor approval. A study of the health effects of food and milkborn disease, including a discussion of milk and foods as vehicles of infection, essentials of milk and food quality, standards for dairy, milk, and food service equipment.

**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 instructor 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 410 Radiological Health. (3) I.** Prerequisites: EHS 280, MAT 107, and PHY 131. Corequisite: PHY 131. A discussion of the health effects from ionizing radiation, including radiation sources, detection, measurement, control, and safety devices.

**EHS 425 Environmental Health Program Planning. (3) A.** Prerequisites: EHS 280, 300, 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 and EHS 280; or instructor 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 instructor approval. 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. 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.

#### **ELE—Elementary Education** **Dr. Michael A. Martin, Chair**

**ELE 322 Physical Education in the Elementary School. (2) I, II.** 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.** 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.** 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.** 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 and 2.5 GPA. An overview of reading/language arts components P-5, teacher competencies, organization and planning for instruction. Twenty field/clinical hours.

**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.

**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.

**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 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: EMC 110. 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 EMT-P: 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 EMT-P: 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 EMT-P: 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 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.

**EME—Elementary and Middle Grade  
Dr. Michael A. Martin, Chair**

**EME 439 Teaching Art P-8. (3) I.** Prerequisites: admission to professional education, 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 2.5 GPA. 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 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 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. Jack Culross, Acting 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/2Lab.

**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.

**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.

**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).

**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).

**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).

**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).

**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 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.

**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 342 Major Black Writers. (3) A.** Prerequisite: ENG 102 or 105 or HON 102. Study of written and oral works by major black authors; authors may come from a variety of cultures, such as Africa, the Caribbean, and the United States.

**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 to students who have credit for 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.

**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 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.

**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 365 Appalachian Literature. (3) I.**  
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.

**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 Crit. 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 to students who have credit for 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 Twentieth-Century American Fiction. (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 20th century.

**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 Twentieth-Century British Fiction. (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 20th century.

**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 Senior Seminar: \_\_\_\_\_. (3) A.**  
Prerequisites: senior status, a minimum 3.0 GPA; ENG 301, 302. An intensive study of an author or authors; a thematic motif; a literary movement; critical, rhetorical, and language theory; or some other sharply focused study of language and/or literature.

**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 535 Women Writers. (3) A.**  
Prerequisites: ENG 102 or 105 or HON 102; ENG 301, 302, and one additional literature course. Study of literature by women writers.

**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. Jack Culross, Acting 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 not available for students with credit for ENR 112.

**ENR 116 Efficient Reading. (1) I, II.**

Five-week course concentrates on increasing reading efficiency by improving rate and comprehension. Emphasis on acquisition of skills and application of techniques.

**ENR 201 Vocabulary Development. (2) I, II.**

Mastery of widerange 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.** 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.

**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. Developmentally 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).

**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).

**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).

**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).

**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.

**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.** Prerequisite: DES 121 or departmental approval. 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 400 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**

**TBA, Chair**

**FIN 201 Personal Money Management. (3) I, II.** A consumer approach to insurance, family budgeting, income taxes, elementary investment principles, and estate planning. Does not count toward the major in finance or general business. Credit will not be awarded to students who have credit for 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 Business Finance II. (3) I.**

Prerequisites: FIN 300 and QMB 240 (or MGT 340 or MAT 211) with a "C-" or better. An in-depth exploration of dividend policy, capital structure decisions, cash and liquidity management, financial forecasting and planning, management of current assets and liabilities, and institutional arrangements for finance.

**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 324 Investments. (3) I, II.** Prerequisite:

FIN 300 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 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.**

(1-3) A. Prerequisites: minimum GPA 2.25 and BBA major only. Co-curricular work experience under the direction of faculty and field supervisors. Training plan required. May be retaken to a maximum of six hours. Minimum 80 hours experience per credit hour. May not count toward major.

**FIN 349 A-N Cooperative Study: Finance.**

(1-3) A. Prerequisites: minimum GPA 2.25 and BBA major only. Co-curricular work experience under the direction of faculty and field supervisors. Training plan required. May be retaken to a maximum of six hours. Minimum 80 hours experience per credit hour. May not count toward major.

**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 401 Advanced Managerial Finance. (3)**

A. Prerequisite or Corequisite: FIN 350 and QMB 300. 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 or Corequisite: FIN 350 and QMB 300. 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 420 Investment and Portfolio Theory.**

(3) I. Prerequisites: FIN 350, 324 and QMB 300. 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 450 Seminar in Finance. (1-3) A.**

Prerequisite: instructor approval. Selected topics of special contemporary interest to business students. May be retaken under different subtitles to a maximum of six hours.

**FIN 455 Global Financial Management.**

(3) A. Prerequisites: FIN 350 and QMB 300. 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 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 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. Alan Schick, 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 Analytical Methods in Forensic**

Science I. (4) A. Prerequisites: CHE 362, CHE 367, PHY 131, 132, MAT 124 (or 261), BIO 121 with at least a "C" (2.0) or better in each course. Prerequisite or Corequisite: CHE 325. 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 Analytical Methods in Forensic**

Science II. (4) A. Prerequisite: FOR 411 with a grade of "C" or better. Continuation of FOR 411.

Application of chemical instrumentation to the separation, identification, and comparison of drugs, paint, glass, fibers, arson evidence, and other materials commonly encountered in the crime laboratory. 2 Lec/6 Lab.

**FOR 430 Analytical Toxicology. (3) A.**

Prerequisites: FOR 411 and 412; or instructor approval. Study of the biochemical activity of poisons and drugs; isolation and identification of barbiturates, amphetamines, tranquilizers, and other drugs of forensic interest. 2 Lec/3 Lab.

**FOR 451 Forensic Microscopic Analysis.**

(3) A. Prerequisites: CHE 367, 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 ethical issues relating to expert witness; qualifications of scientific experts; elements of courtroom testimony relating to expert witness. Videotaping of testifying in mock courtroom situations also included.

**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 with a "C" (2.0) or better and departmental approval. Final year. Independent laboratory work and study at an affiliated crime laboratory. May be retaken to 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.** 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.** 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 department chair approval. May be retaken to a maximum of 9 hours if topic is different. Selected topics in French language, literature, or culture.

**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 400 French Literary Studies: \_\_\_\_\_. (3) A.** Prerequisite: FRE 303, 313, 314, 315, or 316. A selected topic from the major French authors and literary movements. Taught in French. May be retaken to a maximum of six hours, if content is different.

**FRE 401 French Language Studies: \_\_\_\_\_. (3) A.** Prerequisite: FRE 340 or FRE 360 or equivalent proficiency with department chair approval. A selected topic such as stylistics, linguistics, history of the language, advanced grammar, or composition. May be retaken to a maximum of nine hours if content is different.

**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.** Current consumer behavior by families in the marketplace. Emphasis on fraudulent schemes, current issues, laws, and organizations affecting the interests of the family as consumers. Credit will not be awarded to students who have credit for 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: instructor 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 Dr. Tom Schneid, 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 Introduction to Codes and Standards. (3) A.** The code and standard promulgation process. An introduction to fire and safety related codes; surveying and mapping procedures; mechanical systems; and engineering solutions for hazards.

**FSE 120 Chemistry and Dynamics of Fire. (3) A.** Introduction to the chemistry and dynamics of fire as it relates to properties of hazardous materials and the development of fire in a structure. An introduction to computer fire analysis.

**FSE 200 Applied Fire and Safety Analysis (3) A.** Analytical and statistical concepts and procedures for the treatment of fire and safety related data. Includes quantitative and qualitative techniques, descriptive and inferential statistics.

**FSE 201 Designing Building Fire Safety. (3) A.** Prerequisite: FSE 101. A systems approach to designing building fire safety; the role of design in providing fire safety. The Life Safety Code; the function of and testing of rated building components, evaluating plans for code compliance.

**FSE 221 Fire Detection and Suppression Systems. (3) A.** Prerequisites: FSE 101, FSE 120. An introduction to fire detection and suppression systems and their relationship to fire control and extinguishment.

**FSE 223 Fire and Emergency Scene Operations (3) A.** Prerequisites: FSE 101, 120. Principles of Incident Management including emergency scene decisions, strategies, and tactics. Utilizing emergency control resources such as personnel, apparatus, and equipment.

**FSE 225 Legal Aspects of Fire Protection and Safety. (3) A.** 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.

**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 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 to students who have credit for EMC 110.

**FSE 305 Hazardous Materials. (3) A.** Prerequisites: FSE 120 and FSE 200. Study of hazardous materials in transportation, storage, and usage. Chemical properties of hazardous materials relating to specific reaction, engineering controls, pre-emergency planning, combating, coordinating, and controlling a hazardous materials incident.

**FSE 320 Principles of Fire and Safety Supervision. (3) A.** Prerequisite: FSE 200 or instructor approval. 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 System Analysis and 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 project(s) will be included.

**FSE 349 Applied Learning in Fire and Safety Engineering. (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.

**FSE 349 A-N Cooperative Study: Fire and Safety Engineering. (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.

**FSE 350 Fire Arson and Explosion Investigation I. (4) 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 360 Fire Protection Hydraulics and Water Supply (3) A.** Prerequisites: FSE 120, a college algebra course. Water at rest and in motion. Bernoulli's and Pascal's theory; water distribution systems, pumps, velocity, discharge friction loss, pump and nozzle pressures required for fire protection. Theory followed by practical application.

**FSE 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.

**FSE 362 Principles of Occupational Safety and Health Legislation (3) A.** Corequisite: FSE 361. Review of OSHA standards with emphasis on compliance and liability reduction. Discussion of OSHA regulations including citations, penalties, inspections, and record keeping.

**FSE 366 Hazard Identification and Control (3) A.** Prerequisite: FSE 361, FSE 200 or departmental approval. Hands-on approach toward identification and control. Areas of study include noise levels, chemical and electrical hazards, air contaminants, and heat/cold stress. Control measures include administrative, engineering, and safeguarding methods.

**FSE 367 Human Factors in Occupational Safety. (3) A.** 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.

**FSE 400 Fire Protection Administration. (3) A.** Prerequisites: FSE 200 or departmental approval. Corequisite: FSE 320. A study of management principles with emphasis on planning, organizing staffing, and evaluating fire and emergency services. Techniques for measuring public fire protection effectiveness and its impact on the community and the environment.

**FSE 410 System Safety Analysis. (3) A.** Prerequisites: FSE 200 or departmental approval. Corequisite: FSE 366. 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.

**FSE 412 Safety and Health Program Management. (3) A.** Prerequisites: FSE 362, FSE 366, and FSE 200 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.

**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 to students who have credit for EHS 425.

**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 450 Fire Arson and Explosion Investigation II. (4) A.** Prerequisite: FSE 350. A continuation of Fire and Explosion Investigation I, with emphasis on the analysis of explosion scenes, scene processing, evidence collection, operation of homemade devices, condensed and diffuse phase fuel explosions, and scene reconstruction.

**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.** Prerequisites: FSE 200, senior status. 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.** Prerequisites: FSE 350 and 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: FSE 200 or departmental approval. Supervised field observation, research, and/or experience.

#### GBU—General Business Dr. Norb Elbert, 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. (1-3) A.** Prerequisites: minimum GPA 2.25 and BBA major only. 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. May not count toward major.

**GBU 349 A-H Cooperative Study: General Business. (1-3) A.** Prerequisites: minimum GPA 2.25 and BBA major only. 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. May not count toward major.

**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: QMB 240 or MAT 211 or MGT 340; CCT 300, CIS 300, FIN 300, MGT 300, 370, and MKT 300; 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 Dr. William E. Davis, Chair

**GCM 211 Graphic Communications. (2) I, II.** Corequisite: GCM 212. An overview of the market segments using the technologies of printing, publishing, packaging, electronic imaging, and their allied industries.

**GCM 212 Graphic Communications Laboratory. (1) I, II. A.** Corequisite: GCM 211. Laboratory activities which support the course content of GCM 211, Graphic Communications. 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 and 212. 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 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. Aaron Thompson, Associate Vice President

**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

Dr. Richard Sambrook, Acting Chair

**GEO 101 Introduction to Geography. (3) A.** Study of the principles of geography stressing cultural change as it pertains to human and physical environment distributions, relationships, and interactions over the earth.

**GEO 170 Map Topics: \_\_\_\_\_.** (1-3) A. Content will be: mapmaking and map reading; topographic mapping and orienteering; global positioning systems(GPS); or maps in the contemporary classroom. May be taken to a maximum of four hours provided study areas differ each time.

**GEO 200 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. Gen. Ed. VB, VC, or VII (SBS).

**GEO 201 Historical Geography I: Pre-industrial Era. (3) A.** The study, from a geographic perspective, of the earth's early human occupancy and the divergent development of culture systems and technologies prior to the industrial revolution.

**GEO 202 Historical Geography II: Modern World. (3) A.** Study of the elements of cultural convergence in the modern world and how human technologies have advanced to become the dominant agencies in changing the geography of the earth in the modern period of human occupancy.

**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).

**GEO 215 Introduction to Meteorology. (3) I, II.** Introduction to processes influencing global weather and climate patterns. Includes storm systems, severe weather, climate change, impacts of weather and climate on human activity, and human influence on the environment.

**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).

**GEO 225 Planning for Livable Places. (3) A.** Introduction to the history and practice of community and regional planning in the U.S. Topics include transportation, economic development, environmental and social issues, urban and landscape design, and citizen participation in local and regional decision-making.

**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 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 341 Geography of Europe. (3) A.** Geographic study of the states and regions of Europe to include physical and cultural differences, international influences and their effect on cultures of other world regions. Includes in-depth analysis of selected states.

**GEO 342 Geography of Latin America. (3) A.** Geographic exploration of the physical and cultural characteristics of the Caribbean, Middle and South America, with an emphasis on environmental, population, urban, and economic development issues.

**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 344 Geography of Asia. (3) A.** Systematic study of the physical and human geography of Asia, emphasizing the diversity of the region's cultures and landscapes and offering an in-depth understanding of Asian places within the context of change and development.

**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.** Prerequisites: three hours of geography or departmental approval. 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.

**GEO 353 Geographic Information Systems. (3) A.** Prerequisite: three hours of geography or departmental approval. 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 355 Geographic Image Interpretation. (3) I.** Prerequisite: three hours of geography or departmental approval, GEO 351 recommended. Principles, data sources, acquisition, interpretation, analysis, and application of geographic imagery, including maps, airphotos, shuttle photography, and satellite digital data. Manual and computer techniques. Hands-on emphasis. 1 Lec/4 Lab.

**GEO 405 Issues in Travel and Tourism. (3) A.** Prerequisites: GEO 205, GEO 305, and GEO 351; or departmental approval. A comprehensive study of current issues, trends, problems, and opportunities in the travel and tourism industry. Field trip and 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.** 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.

**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 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 555 Advanced Cartography. (3) A.** Prerequisite: GEO 355 or instructor approval. Advanced techniques of cartographic presentation of data to include computer applications. 1 Lec/4 Lab.

**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.

**GLY—Geology**

**Dr. Melissa Dieckmann, Acting 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).

**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).

**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).

**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).

**GLY 172 Geology and Human Health. (3) I, II.**

Formerly NAT 172. 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).

**GLY 210 Introduction to Geochemistry. (3) I.**

Prerequisite or Corequisite: ACT math score of 22, 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. Credit will not be awarded to students who have credit for CHE 100, CHE 101, or CHE 111.

**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).

**GLY 309 Mineralogy. (4) I.**

Prerequisite: GLY 108. 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: GLY 108 and GLY 109. 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: GLY 108 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: GLY 108 or 109. 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.**

Prerequisites: GLY 108 and 109 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 490 Applied Geology: Case Studies.**

(3) **A.** Prerequisite: GLY 109 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.**

Prerequisites: 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: GLY 108 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: GLY 108 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: GLY 108 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: GLY 108 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. Aaron Thompson, Associate Vice President**

**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.

**GSO—Orientation for Undeclared Students**

**Dr. Aaron Thompson, Associate Vice President**

**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 to students who have credit for CMS 330.

**GST—General Studies Tutoring**

**Dr. Aaron Thompson, Associate Vice President**

**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 to students who have credit for 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 to students who have credit for EMC 102.

**HEA 281 Personal and Community Health.**

**(2) I, II.** Study of factors enabling intelligent health decisions as they relate to the physical, mental, and social health of self, family, and community at present as well as the years beyond the college days.

**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 Contemporary Health Problems.**

**(3) II.** Etiology, effects, remediation, and prevention of selected current health problems. Nature of current health issues and forces which shape them.

**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 360 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.

**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.

**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 416 Introduction to Public Health. (3) II, 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.

**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 450 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 CRJ 400 or ECO 220 or ECO 824 or EPY 842 or PSY 291 or QMB 200 or STA 208 or STA 215 or STA 270.

**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 instructor's 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 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 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 580 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.

**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. Analysis of the major health problems of contemporary women with a special emphasis on health promotion, disease prevention, and consumer health concerns.

**HEA 592 Human Sexuality.** (3) A. 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.

**HEA 593 Death and Grief.** (3) A. 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.

**HEA 594 Drug Abuse and Dependency.** (3) I, II. Study of the nature and progression of chemical abuse and dependency, and effects on the individual, family, and society. Includes study of strategies for prevention, intervention, and treatment.

**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 596 Approaches to Alcohol and Drug Treatment I.** (3) I, II. Prerequisite: HEA 594 or 595. Understanding and approaches in chemical dependency counseling, using international certification guidelines. Includes: screening, intake, orientation, assessment, intervention, education, referral, record-keeping, HIV, and consultation.

**HEA 597 Approaches to Alcohol and Drug Treatment II.** (3) I, II. Prerequisite: HEA 596. Understanding and approaches in chemical dependency counseling, as identified in international certification guidelines. Includes: needs, counseling approaches, and ethics regarding special populations.

**HEA 598 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.

**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. David Coleman, Acting 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 201 Historical Research and Methods.** (3) I, II. HIS majors only. A comprehensive introduction to historical research, writing, and methodologies.

**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).

**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).

**HIS 231 Western Civilization I.** (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 to students who have credit for HIS 246. Gen. Ed. VA, VC, or VII (SBS).

**HIS 232 Western Civilization II.** (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 to students who have credit for HIS 247. Gen. Ed. VA, VC, or VII (SBS).

**HIS 246 World Civilizations I.** (3) I, II. Analyzes patterns of historical change and interaction in various world civilizations before the modern period. Credit not awarded for both HIS 246 and HIS 231. Gen. Ed. VA, VC, or VII (SBS).

**HIS 247 World Civilizations II.** (3) I, II. Analyzes patterns of historical change and interaction in various world civilizations during the modern period. Credit not awarded for both HIS 247 and HIS 232. Gen. Ed. VA, VC, or VII (SBS).

**HIS 300 Topics in History:** \_\_\_\_\_. (1-3) A. Movements in history that have influenced and continue to influence the course of culture 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. Formerly HIS 302. 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. 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.

**HIS 305 African-American History.** (3) A. 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.

**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 315 History, Memory, and Film.** (3) A. Prerequisite: three hours HIS or department approval. The relationship between the discipline of History and human memory, that is the past as officially recorded and how people remember it. Particular attention will be paid to landmark historical films which will be used as case studies of how this media can affect our historical narratives.

**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 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 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 354 Modern France. (3) A.** Prerequisite: three hours HIS or department approval. Economic, political, social, and cultural developments in France from 1789 to the present.

**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.** 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.

**HIS 386 Modern African History. (3) A.** 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.

**HIS 387 South Africa History. (3) A.** Prerequisite: three hours of HIS or departmental approval. Social, political, economic, and cultural history of South Africa with emphasis on 19th and 20th centuries. Themes include: African chiefdoms; white settlers and colonialism; mining and industrialization; segregation and apartheid; race, class, gender, ethnicity, and age; popular culture and social identities.

**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 Jacksonian America, 1824-1848. (3) A.** Prerequisite: three hours HIS or department approval. Political, social, and economic transformation in an era of general exuberance.

**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 408 The Early Republic, 1789-1824. (3) A.** Prerequisite: three hours HIS or department approval. U.S. Constitution and subsequent political developments; early growth of capitalism and its social consequences; changes in gender and racial ideologies; Native American resistance and westward expansion of the United States.

**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 415 American Economic History. (3) A.** Prerequisite: three hours HIS or department approval. Cross listed as ECO 415. Factors spurring and hindering American growth and development from the colonial period through the present. Credit will not be awarded to students who have credit for ECO 415.

**HIS 420 Appalachia in America History. (3) A.** 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.

**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 449 Readings in History. (3) A.** Prerequisites: HIS major and three hours upper-division HIS. Reading and analysis of important historic literature.

**HIS 450 Senior Seminar in History. (3) A.** Prerequisites: HIS major and six hours of upper-division HIS, passage of UWR, and completion of at least one required term paper, or departmental approval. Research and writing in History.

**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.

**HNF—Health Information**

Ms. Dawn Jackson, Coordinator

**HNF 202 Health Information Processing. (3) II.** Prerequisites: CHS 100, CIS 212 or CSC 104. Survey of health information systems, systems analysis and health data base management. Blocked during the first half of the semester.

**HNF 310 Healthcare Data Quality and Utilization. (4) I.** Prerequisite: MAT 105, 107 or STA 215. Prerequisite or Corequisite: HNF 305. Healthcare data analysis for administrative uses in quality improvement and utilization management.

**HNF 311 Practical Applications in Health Information Technology. (2) II.** Prerequisites: CIS 212 or CSC 104, HNF 314. Discussion of trends, updates, case studies and problem-solving activities related to health information technology.

**HNF 312 Medical Record Technical Practice. (6) I, II.** Prerequisite: program approval. Internship assignment to hospital medical record/health information departments for observation and practice of technical medical record functions. Blocked during the second half of the semester.

**HNF 332 Legal Principles for Health Care Professionals. (2) II.** Prerequisite: CHS 100. Basic aspects of law and its implications for health care, including professional liability, confidentiality, consents and authorizations, and contemporary issues.

**HNF 498 Independent Study in Health Information. (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 health information profession. May be retaken to a maximum of six hours.

**HON—Honors Program Courses**

Dr. James Chapman, Provost and Vice President

**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.

**HON 205 Honors Humanities I. (3) II.** This course (together with HON 306) provides a survey of great works in the humanities from ancient times to the twentieth century. Gen. Ed. IIIA.

**HON 210 Honors Civilization I. (3) II.** 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. Gen. Ed. VA.

**HON 304 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 (QS).

**HON 306 Honors Humanities II. (3) I.** This course (together with HON 205) provides a survey of great works in the humanities from ancient times to the twentieth century. Gen. Ed. IIIB.

**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.

**HON 311 Honors Civilization II. (3) I.** 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. Gen. Ed. VC.

**HON 312 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 (SBS).

**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.

**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.

**HPR—General Physical Education**

Dr. Lonnie J. Davis, Chair

**HPR 180 Fitness and Wellness. (1) I, II.** An examination of wellness concepts associated with physical and motor fitness with lecture and laboratory experiences for individual assessment, practice of exercise systems, and improvement of body function.

**HPR 282 Exercise, Movement, and Sports Skills. (1) I, II.** Course focuses on skill acquisition and improvement of function through selected activities in sports, dance, aquatics, and exercise systems.

**HPR—Lifetime Activity Series**

Dr. Lonnie J. Davis, Chair

**HPR 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.

**HPR 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.

**HSA—Health Services Administration**

Dr. Michael Ballard, Chair

**HSA 100 Introduction to the Health Science Field. (3) I, II.** Formerly CHS 100. 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 203 Fundamentals of Medical Science. (4) I, II.** Formerly HNF 203. Prerequisites: MAS 200, BIO 171, and 301. An introduction to the study of disease—its causes, symptoms, and treatment. 5 Lec/Lab.

**HSA 305 Health Information Standards. (3) I, II.** Formerly HNF 305. Prerequisite or Corequisite: HSA 203. Medical record content, methods of maintaining licensure, certification and accreditation standards relative to medical record documentation and health information management.

**HSA 306 Medical Nosology. (3) I, II.** Formerly HNF 306. Prerequisite or Corequisite: HSA 203 or departmental approval. Coding and

classification of symptoms, diseases, operations, and procedures according to ICD-9-CM. Manual and computerized coding of hospital records and DRG assignment. 2 Lec/2 Lab.

**HSA 308 Specialized Health Records and Registries. (2) II.** Formerly HNF 308. Prerequisites: HSA 305, HSA 306. Maintenance of health records in non-hospital health care facilities; organization, functions, and procedures of specialized registries.

**HSA 314 Advanced Medical Nosology. (3) I, II.** Formerly HNF 314. Prerequisite: HSA 306. HCPCS and ICD-9-CM coding and reimbursement systems for physician services and hospital inpatient and outpatient services. 4 Lec/Lab.

**HSA 316 Health Information Technical Practicum. (3) A.** Formerly HNF 316. Prerequisites: HSA 314, HSA 401. Assignment to hospital medical record departments for observation and practice of certain technical medical record functions (designed primarily for four year baccalaureate and post-baccalaureate students).

**HSA 370 Health Information Management Systems. (3) I.** Formerly HNF 370. Prerequisites: HSA 100, CIS 230, junior standing (a minimum of 60 hours). Health information systems, systems analysis, and health data base management.

**HSA 372 Health Care Reimbursement Systems. (3) I.** Formerly HCA 372. Prerequisite: HSA 100. 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 Care Administration. (3) I.** Formerly HCA 375. Prerequisites: MGT 301, 320. Application of financial principles, strategic planning, marketing, and leadership skills to selected health care organizations.

**HSA 401 Legal Issues in Health Care. (3) II.** Formerly HNF 401. Prerequisites: HSA 100, junior standing (a minimum of 60 hours). Legal status, documentation requirements, and liability related to medical records and health care issues.

**HSA 405 Clinical Information Management. (3) II.** Formerly HNF 405. Prerequisites: HSA 370, HSA 401, HSA 406. Review of health trends related to the management of clinical information systems. Course format will include mock committee meetings and role playing. Blocked during first half of the semester.

**HSA 406 Health Care Quality Management. (3) I.** Formerly HNF 406. Prerequisites: HSA 100, STA 215 or 270, junior standing (a minimum of 60 hours). A study of total quality management, utilization review, and risk management functions in a health care setting.

**HSA 407 Health Information Management. (3) I.** Formerly HNF 407. Prerequisites: MGT 301, MGT 320, HNF 312 or HSA 316. Application of management principles to the administration of hospital medical record/health information departments.

**HSA 409 Health Services Research Methods. (3) I.** Formerly HNF 409. Prerequisites: HSA 100, STA 215 or 270, junior standing (a minimum of 60 hours). 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 410 Advanced Health Information Management. (2) II.** Formerly HNF 410. Prerequisites: HSA 370 and 407. Advanced study in trends relating to health information management and the role of the health information professional. Blocked during the first half of the semester.

**HSA 412 Professional Practice Experience. (1-6) 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.

## 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.** Seniors must have approval of the department chair. No credit after earning nine or more hours of general education humanities. Through study of works of literature, visual art, and music, this course introduces students to integrated thinking as a way of living meaningfully in today's world. Gen. Ed. IIIA/IIIB.

**HUM 226 The Search for Meaning: The Ancient World. (3) I, II.** Through study of works of literature, visual art, and music, this course focuses on the significant ideals of ancient and medieval cultures and on integrative processes that gave rise to them. Gen. Ed. IIIA/IIIB.

**HUM 228 The Search for Meaning: The Modern World. (3) I, II.** Study of selected works of literature, philosophy, visual art, and music since the European Renaissance with emphasis on the creativity and responsibility of the individual. Gen. Ed. IIIA/IIIB.

**HUM 300 Humanity in the Postmodern Age. (3) A.** Prerequisites: HUM 226 or ENG 211 and HUM 228 or ENG 212. Students will reflect on key questions about modern and postmodern life as they emerge in literature, philosophy, visual art, music, and film since 1945. Gen. Ed. VII (AH).

**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.

## 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

TBA, Chair

**INS 349 Applied Learning in Insurance. (1-3) A.** Prerequisites: GPA 2.0 and departmental approval. Co-curricular work experience under the direction of faculty and field supervisors. Training plan required. May be retaken to a maximum of six hours. Minimum 80 hours work required per credit hour.

**INS 349 A-N Cooperative Study: Insurance. (1-3) A.** Prerequisites: GPA 2.0 and departmental approval. Co-curricular work experience under the direction of faculty and field supervisors. Training plan required. May be retaken to a maximum of six hours. Minimum 80 hours work required per credit hour.

### 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 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.

## INT-Industrial Technology

Dr. Tim Ross, Mr. Ted Lloyd, Dr. Dennis Field, Coordinators

### INT 101 Introduction to Manufacturing.

(3) I, II. A study of future trends and careers in manufacturing. A survey of the manufacturing enterprise. Nature, scope, and general functional characteristics of manufacturing technology.

### INT 192 Descriptive Geometry. (3) II.

Prerequisite: TEC 190. Application of the theory of orthographic projection to the graphical representation and solution of three-dimensional problems. 2 Lec/2 Lab.

### INT 195 Computer Aided Drafting. (3) I,

**II.** 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.

### INT 200 Introduction to Industrial

**Distribution. (3) I, II.** 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.

**INT 201 Metallic Material Processes. (3) I, II.** Introduction to manufacturing processes involving metallic materials. Families of processes covered are casting, molding, forming, separating, conditioning, assembling, and finishing. 2 Lec/2 Lab.

**INT 202 Quality Control. (3) I, II.** Prerequisite: STA 215 or 270 or QMB 200 and MAT 107 or higher mathematics. Basic concepts of statistical quality control as applied to manufacturing operations. Topics include control charts, acceptance sampling, product reliability, quality costs, and quality planning.

**INT 238 Industrial Materials. (3) I, II.** 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.

**INT 242 Furniture and Cabinet Construction. (3) A.** Prerequisite: INT 142 or 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.

**INT 301 Non-Metallic Material Processes. (3) II.** Prerequisite: INT 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.

**INT 308 Methods Efficiency Measurement. (3) I, II.** Prerequisite: STA 215 or 270 or QMB 200 and MAT 107 or higher. An examination of the human factors in motion and time study, motion economy, analysis and charts, photographic and electronic techniques, film analysis, effort rating, work measurement, direct time study, predetermined time study, and standards for pay and production.

**INT 310 Computer Communications in Industry. (3) I.** 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.

**INT 320 Warehousing and Material Handling. (3) A.** Pre/Corequisites: INT 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.

**INT 330 Dimensional Metrology. (3) A.** 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.

**INT 332 Process Control and Auditing. (3) A.** Prerequisite: INT 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.

**INT 336 Reliability and Sampling. (3) A.** Prerequisite: INT 202. An overview of reliability, testing, and sampling theories. Topics include component and system reliability, product safety, sampling plans, control charts, and standards.

**INT 352 Automated Technology Devices.**

(3) A. 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.

**INT 371 Hydraulics and Pneumatics. (3) II.**

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.

**INT 382 Machine Tool Processes. (3) A.**

Prerequisites: INT 201 and 238. A laboratory course involving turning, drilling, sawing, milling, grinding, and precision layout and measuring. Activities include the making of tools, the setup of an automatic turret lathe, and the programming of an NC milling machine. 2 Lec/2 Lab.

**INT 383 CAD/CAM Integration. (3) A.**

Prerequisites: INT 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.

**INT 390 Advanced Computer Aided**

**Design. (3) A.** Prerequisite: INT 195. A study of advanced topics in three-dimensional computer aided design. The content will include advanced modeling and rendering. 2 Lec/2 Lab.

**INT 392 Computer Aided Machine**

**Drawing. (3) I.** Prerequisite: INT 195. Computer generated detail and assembly drawings. Topics include threads and fasteners, gearing and cams, and dimensioning and tolerancing. 2 Lec/2 Lab.

**INT 397 Advanced Machine Drawing. (3)**

**A.** Prerequisites: INT 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.

**INT 400 Distribution Operations**

**Management. (3) II.** Prerequisites: INT 200, INT 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.

**INT 406 Manufacturing Planning Systems.**

(3) I, II. Prerequisite: INT 308. A senior project course which examines consumer needs, product design, product engineering, tooling-up for production, establishing production and quality standards, planning and controlling production, and quality.

**INT 408 Human Resource Development.**

(3) I, II. Topics in human relations and production management. To be scheduled the semester before graduation.

**INT 499 Manufacturing Senior Project. (3)**

**A.** Prerequisite: instructor approval. A synthesis experience involving the solution of realistic manufacturing problems. Emphasis is placed on teamwork and group effort. 2 Lec/2 Lab.

**INT 506 Total Quality Control. (3) A.**

Prerequisite: INT 202. A study of total quality control as it relates to the integration of all functions and processes within an organization in order to achieve continuous improvement of the quality of goods and services.

**INT 530 Manufacturing Experiment**

**Design. (3) A.** Prerequisites: INT 332 and 336. 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.

**ITP—Interpreter Training Program**  
**Dr. Kim Naugle, Acting Chair****ITP 115 Heritage and Culture of the Deaf.**

(3) A. Prerequisite: ASL 102 with a minimum grade of "C" or departmental permission. Overview of the psychological, sociological, and cultural impacts of deafness upon children and adults. Explores how deafness can affect the individual's development in language, communication, cognition, and psychological emotional growth. Examines historic relations between deaf and hearing, and compares deaf culture with that of the hearing world.

**ITP 210 Application of Fingerspelling and Number Systems. (3) I, II.** Formerly ITP 315.

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.

**ITP 215 Professional Ethics and Issues in Interpreting. (3) A.** Prerequisites: ASL 201 and ITP 115 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 Interpreting In Private Practice.**

(1) I. Prerequisite: admission in the Interpreter Training program or departmental permission. Analysis of the interpreter job market, working conditions, pay scales, business practices, resources, independent contracting, and freelance interpreting. Clinical hours required.

**ITP 320 Voice-to-Sign Interpreting I. (3)**

**A.** Prerequisites: admission in the Interpreter Training program, ASL 202, ITP 215, 220 with minimum grades of "C" or departmental permission. Development of voice-to-sign interpreting skills progressing from consecutive to simultaneous interpreting in a variety of settings. Clinical hours required.

**ITP 325 Sign-to-Voice Interpreting I. (3) I.**

Formerly ITP 230. Prerequisites: admission to the Interpreter Training program, ASL 202, ITP 115, 215, 220 with a minimum grade of "C" or departmental permission. Development of sign-to-voice interpreting/transliterating skills progressing from consecutive to simultaneous interpreting/transliterating in a variety of settings. 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 370 Interpreting in Specialized**

**Settings I. (3) II.** Prerequisite: admission to the Interpreter Training program or departmental permission. Study of interpreting/transliterating in specific settings including platform, team, oral, and educational interpreting. Observation and modeling of professional interpreters. Clinical hours required.

**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 420 Voice-to-Sign Interpreting II. (3)**

**I.** Prerequisites: admission in the Interpreter Training program, ASL 302, ITP 320, 230 or 325 with a minimum grade of "C" or departmental permission. Development of voice-to-sign transliterating skills and continued development of voice-to-sign interpreting skills used in a variety of settings. Introduction of English sign systems. Clinical hours required.

**ITP 425 Sign-to-Voice Interpreting II. (3)**

**I, II.** Prerequisites: admission to the Interpreter Training program; ASL 302, ITP 320, 230, or 325 with a minimum grade of "C" or departmental permission. Continued development of sign-to-voice interpreting/transliterating skills in a variety of settings. Clinical hours required.

**ITP 430 Interpreting in Specialized**

**Settings II. (3) I.** Prerequisites: admission in the Interpreter Training program, ASL 302, ITP 320 and 230 or 325 with minimum grades of "C" or departmental permission. Study of interpreting/transliterating in specific settings including vocational rehabilitation, theatrical, deaf-blind, legal, medical, and mental health. Clinical hours required.

**ITP 470 Practicum in Interpreting I. (3) I.**

Prerequisites: admission in the Interpreter Training program, ASL 302, ITP 320, 230 or 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 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.** Formerly ITP 480. 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. Renee Everett, Chair****JOU 302 Newspaper Practicum. (1-3) I, II.**

Supervised practical newspaper experience in a journalistic operation. May be taken to a maximum of three hours.

**JOU 305 Feature Writing. (3) I, II.**

Prerequisites: ENG 101 and 102 (or 105). 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 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 325 Photojournalism. (3) I, II.**

Reporting the news as a photojournalist. Stresses recognition, development and creation of news photographs and the skills of the photo editor. Provides experience in shooting, developing, printing and editing. Uses both conventional methods and digital technology.

**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 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. (3) A.**

Prerequisites: COM 201 and JOU 310. Writing and reporting for community newspapers. Includes investigating local government and local sources of information and studying the role and performance of the community newspaper.

**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 105). How to write and sell nonfiction articles for magazines. Credit will not be awarded to students who have credit for ENG 500/700 taught as "Writing for the Popular Media."

**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.

**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.

**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 320 Civil Law and Liability. (3) I, II.**

Prerequisite: LAS 210 or director approval. Study of legal principles and paralegal practice in torts,

contracts, Uniform Commercial Code, collections, employee benefits and insurance.

**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 Practice and Procedure. (3) A.**

Prerequisites: LAS 220 and 320 or director approval. Paralegal trial preparation including investigation techniques, discovery, disclosure, exhibit preparation, witness preparation, pretrial motions, evidence, jury instructions, trial assistance, and appeals, emphasizing the systems approach.

**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. 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.

**LIB 501 Literature and Related Materials for Transcents. (3) A.** A course designed to help teachers and librarians extend their knowledge of authors, literature, and related materials for students 10-14 years of age. Literary criticism and relating literature to the interests and needs of students are emphasized.

**LIB 569 Instructional Media and Technology. (3) I, II.** A course designed to instruct students in the philosophy and techniques of the effective utilization of instructional media and technology.

**MAR—Marine Sciences**

**Dr. Melinda Wilder, Director**

(These courses are taught in summer semesters at Gulf Coast Research Laboratory, Ocean Springs, MS.)

**MAR 300 Marine Science I: Oceanography. (3) A.** Prerequisites: college algebra, eight hours of chemistry and eight hours biological sciences. Corequisite: MAR 300L. For upper division science majors. An introduction to biological, chemical, geological, and physical marine sciences.

**MAR 300L Marine Science I: Oceanography Laboratory. (2) A.** Corequisite: MAR 300.

**MAR 301 Marine Science II: Marine Biology. (3) A.** Prerequisite: eight hours of biology. Corequisite: MAR 301L. A general introduction to marine biology with emphasis on local fauna and flora.

**MAR 301L Marine Science II: Marine Biology Laboratory. (2) A.** Corequisite: MAR 301.

**MAR 503 Marine Invertebrate Zoology. (3) A.** Prerequisite: sixteen hours of biology. Corequisite: MAR 503L. Morphology, distribution, and ecology of the phyla Protozoa through Protochordates.

**MAR 503L Marine Invertebrate Zoology Laboratory. (3) A.** Corequisite: MAR 503.

**MAR 504 Parasites of Marine Animals. (3)**

A. Prerequisite: instructor approval. Corequisite: MAR 504L. Emphasis on morphology, taxonomy, life histories, and host-parasite relationships.

**MAR 504L Parasites of Marine Animals Laboratory. (3) A.** Corequisite: MAR 504.

**MAR 505 Marine Ecology. (3) A.** Prerequisite: sixteen hours of biological sciences. Corequisite: MAR 505L. The relationship of marine organisms to their environment.

**MAR 505L Marine Ecology Laboratory. (2) A.** Corequisite: MAR 505.

**MAR 506 Fauna and Faunistic Ecology of Tidal Marshes, Seagrasses, and Sand Beaches. (2) A.** Prerequisite: instructor approval. Corequisite: MAR 506L. Taxonomy, distribution, tropic relationships, reproductive strategies and adaptation of tidal marsh animals.

**MAR 506L Fauna and Faunistic Ecology of Tidal Marshes, Seagrasses, and Sand Beaches Laboratory. (3) A.** Corequisite: MAR 506.

**MAR 507 Marine Aquaculture. (3) A.** Corequisite: MAR 507L. Problems and procedures relating to the culture of commercially important crustaceans, fish, and mollusks.

**MAR 507L Marine Aquaculture Laboratory. (3) A.** Corequisite: MAR 507.

**MAR 508 Marine Ichthyology. (3) A.** Prerequisite: sixteen hours of biology. Corequisite: MAR 508L. Marine fishes including evolutionary relationships, morphology, physiology, and zoogeography.

**MAR 508L Marine Ichthyology Laboratory. (3) A.** Corequisite: MAR 508.

**MAR 509 Marine Microbiology. (3) A.** Prerequisite: general microbiology. Corequisite: MAR 509L. An introduction to the role of microorganisms in overall ecology of the oceans and estuaries.

**MAR 509L Marine Microbiology Laboratory. (2) A.** Corequisite: MAR 509.

**MAR 510 Marine Fisheries Management. (2) A.** Prerequisite: instructor approval. Corequisite: MAR 510L. An overview of practical marine fishery management problems.

**MAR 510L Marine Fisheries Management Laboratory. (2) A.** Corequisite: MAR 510.

**MAR 520 Marine Phycology. (2) A.** Prerequisite: ten hours of biology including botany. Corequisite: MAR 520L. A survey, based upon local examples, of the principal groups of marine algae.

**MAR 520L Marine Phycology Laboratory. (2) A.** Corequisite: MAR 520.

**MAR 521 Coastal Vegetation. (3) A.** Prerequisite: ten hours of biology, including general botany. Corequisite: MAR 521L. A study of general and specific aspects of coastal vegetation, with emphasis on local examples.

**MAR 521L Coastal Vegetation Laboratory. (2) A.** Corequisite: MAR 521.

**MAR 522 Salt Marsh Plant Ecology. (2) A.** Corequisite: MAR 522L. The botanical aspects of local marshes; includes plant identification, composition, and structure.

**MAR 522L Salt Marsh Plant Ecology Laboratory. (2) A.** Corequisite: MAR 522.

**MAR 530 Comparative Histology of Marine Organisms. (3) A.** Prerequisite: instructor approval. Corequisite: MAR 530L. Histology of marine organisms, including tissue processing techniques.

**MAR 530L Comparative Histology of Marine Organisms Laboratory. (3) A.** Corequisite: MAR 530.

**MAR 541 Marine Chemistry. (3) A.** Prerequisite: instructor approval. Corequisite: MAR 541L. Sea water chemistry and cycles and their impact on the marine environment.

**MAR 541L Marine Chemistry Laboratory. (1) A.** Corequisite: MAR 541.

**MAR 543 Environmental Estuarine Chemistry. (3) I.** Prerequisites: Sixteen semester hours of chemistry; three to six hours of general

biology and geology or consent of the instructor; Corequisite: MAR 543L/743L. The study of sources, reactions, transport, effects and fate of chemicals occurring in aquatic environments.

**MAR 543L Environmental Estuarine Chemistry Laboratory. (1) A.** Corequisite: MAR 543.

**MAR 557 Marine Science for Teachers. (3) A.** Prerequisite: instructor approval. Emphasis will be placed on measurements and analysis of the marine habitat and ecological relationships.

**MAR 558 Marine Science: Elementary Teachers. (3) A.** Prerequisite: instructor approval. Corequisite: MAR 558L. Designed to acquaint teachers with marine science concepts.

**MAR 558L Marine Science: Elementary Teachers Laboratory. (0) A.** Corequisite: MAR 558.

**MAR 559 Coastal Ecology For Teachers. (3) A.** Prerequisite: instructor approval. Corequisite: MAR 559L. Designed to provide teachers with a background in basic coastal ecology.

**MAR 559L Coastal Ecology For Teachers Laboratory. (1) A.** Prerequisite: instructor approval. Corequisite: MAR 559.

**MAR 582 Coastal Marine Geology. (2) A.** Prerequisite: six hours in geology. Inshore and nearshore geological processes, sedimentation patterns, and land forms.

**MAR 582L Coastal Marine Geology Laboratory. (1) A.** Corequisite: MAR 582.

**MAR 590 Special Problems in Marine Science. (1-6) A.** Prerequisite: instructor approval. Independent research.

**MAR 591 Special Topics in Marine Science. (1-6) A.** Prerequisite: instructor approval. Directed study in area for which no formal courses are offered.

**MAS—Medical Assisting Technology**

**Dr. Rebecca Newsome, Coordinator**

**MAS 100 Introduction to Medical Assisting. (3) I, II.** Medical assisting administrative and clinical responsibilities, human relations, communication skills, professional ethics, and law in health care.

**MAS 200 Medical Terminology I. (3) I, II, A.** Formerly CHS 200. Basic medical vocabulary consisting of prefixes, suffixes, roots; anatomical, symptomatic, and common disease terms of the body systems.

**MAS 201 Medical Terminology II. (3) I, II, A.** Formerly CHS 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.

**MAS 300 Maternal-Child Health Care. (1) A.** 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.

**MAS 323 Medical Assisting Laboratory Procedures. (6) II.** Prerequisite or Corequisite: MAS or departmental approval. 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. (8) 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 Office Claims Procedures. (3) I, II, A.** Prerequisite: CHS 200, or instructor 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. 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 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. Dirk Schlingmann, 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.

**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).

**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).

**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 to students who have credit for MAT 109. Gen. Ed. II or VII (QS).

**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).

**MAT 115 Introduction to Mathematica. (1) I, II.** Prerequisite or Corequisite: MAT 108. Use of *Mathematica*. Numeric, algebraic, and symbolic capabilities, two dimensional and three dimensional graphics with animation, decisions, looping, and list manipulation.

**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).

**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).

**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).

**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).

**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).

**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 to students who have credit for MAT 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 to students who have credit for MAT 225.

**MAT 261 Calculus with Applications for Science I. (3) A.** Prerequisite: MAT 107 with a minimum grade of "C-" or MAT 108 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).

**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 280 Actuarial Mathematics. (1) A.** Prerequisite: MAT 214 and MAT 225 or MAT 225H. Applications-oriented examination of several topics from analytic geometry, calculus, and linear algebra.

**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.** Formerly MAT 285. 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 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 towards degree requirements will depend on course content.

**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. Norb Elbert, Chair

**MGT 201 A-F Professional Golf Management. (.5) A.** Prerequisite: BTO 100. The study of PGA skills and strategies relevant to a career in the golf industry. Topics include professional readiness, knowledge of golf industry, development and teaching of golf skills, business communications, and golf facility operations.

**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 to students who have completed MGT 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. (1-3) A.** Prerequisites: minimum GPA 2.25 and BBA major only. 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. May not count toward major.

**MGT 349 A-N Cooperative Study: Management. (1-3) A.** Prerequisites: minimum GPA 2.25 and BBA major only. 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. May not count toward major.

**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 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. Norb Elbert, 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 to students who have completed MKT 300.

**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.** Cross listed as COM 309 and TEC 309. 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). Credit will not be awarded to students who have credit for COM 309 or TEC 309.

**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. (1-3) A.** Prerequisites: minimum GPA 2.25 and BBA major only. 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. May not count toward major.

**MKT 349 A-N Cooperative Study: Marketing. (1-3) A.** Prerequisites: minimum GPA 2.25 and BBA major only. 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. May not count toward major.

**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. 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 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 to students who have credit for 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**  
**Dr. Rebecca Newsome, Coordinator**

**MPM 410 Business and Information Management in PPM. (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 PPM. (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 PPM. (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 PPM 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. Christopher Holly, 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/1 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.** Formerly MUS 171. 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).

**MUH 271 Jazz History. (3) I, II.** Formerly MUS 271. 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).

**MUH 272 Music Literature. (3) I, II.** Formerly MUS 272. 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).

**MUH 273 Survey of American Popular Music. (3) I, II.** Formerly MUS 273. Survey of American popular music establishing its origins and tracing its development to the present time. Gen. Ed. IIIA or VII (AH).

**MUH 371 Survey of Music History I. (3) I.** Formerly MUS 371. 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.** Formerly MUS 372. 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.** 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.** One or two lessons per week. May be retaken to a maximum of four hours.

**MUS 132a Violin I. (1-2) I, II.** 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.** One or two lessons per week. Instruction available in viola. May be retaken to a maximum of four hours.

**MUS 132c Violin 'cello I. (1-2) I, II.** 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.** 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.** 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.** 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.** One or two lessons per week. Instruction available in French horn. May be retaken to a maximum of four hours.

**MUS 145c Baritone Horn I. (1-2) I, II.** One or two lessons per week. Instruction available in baritone horn. May be retaken to a maximum of four hours.

**MUS 145d Trombone I. (1-2) I, II.** 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.** 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.** 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.** 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.** 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.** 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.** 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.** 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.** One or two lessons per week. May be retaken to a maximum of four hours.

**MUS 222 Voice II. (1-2) I, II.** 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.** 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.** One or two lessons per week. Instruction available in viola. May be retaken to a maximum of four hours.

**MUS 232c Violin 'cello II. (1-2) I, II.** 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.** 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.** 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.** 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.** One or two lessons per week. Instruction available in French horn. May be retaken to a maximum of four hours.

**MUS 245c Baritone Horn II. (1-2) I, II.** One or two lessons per week. Instruction available in baritone horn. May be retaken to a maximum of four hours.

**MUS 245d Trombone II. (1-2) I, II.** 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.** 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.** 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.** 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.** 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.** 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.** 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.** 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.** 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.** 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.** 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.** One or two lessons per week. Instruction in viola. May be retaken to a maximum of eight hours.

**MUS 332c Violin 'cello III. (1-4) I, II.** One or two lessons per week. Instruction in violin 'cello. May be retaken to a maximum of eight hours.

**MUS 332d String Bass III. (1-4) I, II.** 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.** 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.** 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.** One or two lessons per week. Instruction available in French horn. May be retaken to a maximum of eight hours.

**MUS 345c Baritone Horn III. (1-4) I, II.** One or two lessons per week. Instruction available in baritone horn. May be retaken to a maximum of eight hours.

**MUS 345d Trombone III. (1-4) I, II.** 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.** 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.** 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.** 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.** 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.** 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.** 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.** 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 Junior Recital. (1) I, II.**

**MUS 412 Piano IV. (1-4) I, II.** One or two lessons per week. May be retaken.

**MUS 422 Voice IV. (1-4) I, II.** One or two lessons per week. May be retaken.

**MUS 432a Violin IV. (1-4) I, II.** 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.** One or two lessons per week. Instruction available in viola. May be retaken to a maximum of eight hours.

**MUS 432c Violin 'cello IV. (1-4) I, II.** 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.** 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.** 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.** 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.** One or two lessons per week. Instruction available in French horn. May be retaken to a maximum of eight hours.

**MUS 445c Baritone Horn IV. (1-4) I, II.** 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.** 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.** 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.** 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.** 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.** 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.** 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.** 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.** One or two lessons per week. May be retaken.

**MUS 499 Recital. (1 or 2) I, II.**

**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. (1) I, II.** Rehearsal and performances of choral literature. Course may be retaken.

**MUS 226 University Singers. (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. May be retaken to a maximum of four hours.

**MUS 235 Orchestra. (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. May be retaken to a maximum of four hours.

**MUS 236 String Orchestra. (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. May be retaken to a maximum of four hours.

**MUS 250 Small Ensembles. (1/2) I, II.** Rehearsal and performance for: string orchestra, brass choir, percussion ensemble, stage band, and clarinet choir. Course may be retaken.

**MUS 253 Percussion Ensemble. (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. (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. (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. (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.

**MUS 256 Marching Band. (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 424 Madrigal Singers. (1) I, II.** Rehearsal and performance of literature of the Madrigal. By audition only. May be retaken.

**MUS 425 Concert Choir. (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. (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. (1) I, II.** Prerequisite: MUS 235. Rehearsal and performance of orchestra literature from all style periods. Concerts given both on and off campus. By audition only. May be retaken.

**MUS 436 String Orchestra. (1) I, II.** Rehearsal and performance of string orchestra literature from all style periods. Concerts given both on and off campus. By audition only. May be retaken.

**MUS 453 Percussion Ensemble. (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. (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. (1) I, II.** Prerequisite: MUS 255A. By audition only. Rehearsal and performance of standard band literature. May be retaken.

**MUS 455B Concert Band. (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.

**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 181 Beginning Theory I. (4) I.** 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. (4) II.** Prerequisite: MUS 181. 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 281 Intermediate Theory III. (4) I.** Prerequisite: MUS 182. 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. (4) II.**

Prerequisite: MUS 281. 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.** 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.**

Prerequisite: 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 483 Composition. (2) A.**

Prerequisite: MUS 282 or equivalent; or instructor 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 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****Dr. Melissa Dieckmann, Acting 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 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. Gen. Ed. VII (NS).

**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. Gen. Ed. VII (NS).

**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; 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 consent of instructor. 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. 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 instructor 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 instructor 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 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 Nursing Science Domain. (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 300 Nursing Externship. (1-6) I, II.**  
Prerequisite: departmental approval. Integrates practice and education through a health care based service model and collaborative partnerships to enhance clinical nursing competencies.

**NSC 330 Clinical Drug Therapy. (3) I, II, A.**  
Prerequisite: BIO 301, NSC 350 or department approval. 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 332 Health Assessment and Promotion II. (2) I, II, A.** Prerequisites: NSC 232, 242, 252. Development of physical assessment skills and evaluation of health patterns for clients throughout the life cycle.

**NSC 350 Pathophysiology. (3) I, II, A.**  
Prerequisite: BIO 171, 301 or departmental approval. Provides a framework for interpreting structural and functional changes associated with disease, facilitating critical thinking and decision making required of the professional nurse.

**NSC 378 Short Topics in Clinical Nursing. (1-3) A.** 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.**  
Corequisite or Prerequisite: NSC 350. Prerequisites: NSC 232, 242, 252. Uses nursing process to develop practice solutions for selected adult health issues.

**NSC 381 Perspectives in Professional Nursing I. (4) A.** Prerequisites: RN status and admission to the nursing major. Transition to the professional nursing role for the RN student emphasizing foundational concepts of professional nursing practice.

**NSC 385 Perspectives in Professional Nursing II. (4) A.** Prerequisite: NSC 381. Advanced concepts and skills for professional nursing practice.

**NSC 386 Adult Health Nursing II. (10) I, II.** Prerequisites: NSC 350, 380. Uses nursing process to develop practice solutions for selected adult health issues.

**NSC 390 Nursing Research. (2) I, II, A.**  
Prerequisites: NSC 381 or 386; STA 215 or department approval. 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, 386, or department approval. 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, 386, or department approval. Uses the nursing process to develop practice solutions for families during the childbearing and child rearing experience.

**NSC 480 Health Care Leadership. (3) I, II.**  
Prerequisites: NSC 392, 396, or 385, or department approval. 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 392, 396. Uses nursing process to develop practice solutions for selected adult health issues.

**NSC 486 Public Health Nursing. (5) I, II.**  
Prerequisites: NSC 392, 396, or 385, or department 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, 486 or department approval. Synthesizes nursing competencies to manage complex health problems, integrating legal, ethical and economic concepts.

**NSC 495 Professional Role Transition. (2) I, II.** Prerequisite: senior standing in the major. 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.** Prerequisite: NSC 484 or department approval. 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)  
Ms. Peggy Tudor, Chair**

**NUR 112 Nursing Concepts I. (7) I, II.**  
Prerequisite: admission to the associate degree nursing program. Provides the theoretical and clinical foundation necessary for the beginning nursing student. Content addresses the role of the nurse in assisting individuals to meet basic needs throughout the life cycle.

**NUR 116 Laboratory Applications I. (1) I, II.** Students are provided with opportunities to apply concepts in nursing practice in the laboratory setting.

**NUR 124 Nursing Concepts II. (5) I, II.** Prerequisites: NUR 115, 116, 117 or NUR 112 and 116, BIO 171, ENG 101 or ENG 105, NFA 201 all with a grade of "C-" or better. Provides concepts and theories to apply the nursing process while caring for perioperative clients who are experiencing common stressors and clients experiencing alterations in musculoskeletal function and normal cell proliferation.

**NUR 126 Nursing Concepts III. (3) I, II.** Prerequisites: NUR 115, 116, 117 or NUR 112, 116; BIO 171, ENG 101 or ENG 105, NFA 201 all with a grade of "C-" or better. Builds upon concepts from first semester courses and provides concepts, theories and opportunities to apply the nursing process while caring for perinatal clients who are experiencing common stressors.

**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 herbology, 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 120, 121, 122, 123 or NUR 124, 126 or NUR 205; BIO 301, CHE 105, ENG 102 or ENG 105 all with a grade of "C-" or better. Students develop theoretical and clinical competency in the application of the nursing process while caring for clients experiencing alterations in oxygenation, ingestion, and elimination.

**NUR 234 Nursing Concepts III-Psych. (3) I, II.** Prerequisites: NUR 120, 121, 122, 123 or NUR 124, 126 or NUR 205, BIO 301, CHE 105, ENG 102 or ENG 105 all with a grade of "C-" or better. Students develop theoretical and clinical competency in the application of the nursing process while caring for clients experiencing interferences with patterns of behavior and coping.

**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.** Formerly NUR 245. Prerequisites: NUR 232, 234, BIO 273, PSY 200 or SOC 131 - all with grade of "C-" or better. Corequisite: NUR 255. Students develop competency in the application of the nursing process while caring for clients experiencing alterations in renal, regulatory, neuro-sensory, immune and integument function. Selected clinical experiences are utilized.

**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 255 Trends and Issues in Nursing. (2) I, II.** Prerequisites: NUR 232 and 234. Corequisite: NUR 242. Focuses on current issues and trends in nursing. Ethical, legal, and professional responsibilities and career opportunities are stressed with historical events in nursing interwoven.

**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.

#### **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 261 Selection and Use of Deciduous Trees and Shrubs. (3) I.** Characteristics of identification and criteria for landscape use of perennials, deciduous tree, and shrub cultivars adapted to Kentucky.

**OHO 262 Selection and Use of Evergreen Trees and Shrubs. (3) II.** Characteristics of identification and criteria for landscape use of tree and shrub cultivars adapted to Kentucky.

**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.** Cross listed as AGR 301. A minimum of three hours per week per hour of credit using university or other approved facilities. Credit will not be awarded to students who have credit for AGR 301.

**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 up to six times for a total of six hours.

**OHO 362A Home Landscape Option.**

**OHO 362D Disease and Insect Control Option.**

**OHO 362E Floral Design Option. 2 lab**

**OHO 362F Lawn Establishment and Maintenance Option.**

**OHO 362G Problems of Golf Course Operation Option.**

**OHO 362K Interior Plantscaping 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 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 Production. (3) A.** Planning, planting, and growing fruits. Pruning, training, fertilizing, controlling pests, and harvesting for quality of 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 386 Vegetable Production. (3) A.** Vegetable growth and development, growing from seed, managing soils, planting, mulching, controlling pests, harvesting, handling, marketing, and storing of most vegetable crops.

**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 Lab.

**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 Seminar.** (1-3) I, II. 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. Credit will not be awarded to students who have credit for AGR 410.

**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 in Occupational Science I.** (4) A. Prerequisites: BIO 171, BIO 301, and PSY 200. Corequisites: OTS 311 and OTS 312. Fundamental concepts of occupational science and occupational therapy. Seminar, self-reflection and portfolio development designed to integrate knowledge of self as a creative and active occupational being.

**OTS 302 Practicum in Occupational Science II.** (3) A. Pre or Corequisite: OTS 313. Community experience focusing on cultural competence and diversity. Seminar includes discussion to increase awareness and sensitivity to cultural and diversity issues, self-reflection, and portfolio development.

**OTS 311 Self as Occupational Being.** (3) A. 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. An examination of problem solving strategies related to occupation. Initial use of basic problem solving methods progressing to complex design strategies required in occupation-based intervention.

**OTS 313 Occupation in Context.** (3) A. 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. Analysis and application of communication skills necessary for becoming an effective health and human service provider. Strategies for fostering communication with diverse clients, professionals, organizations and agencies in relation to occupational behavior.

**OTS 362 Human Motion for Activity.** (3) A. Prerequisite: BIO 271. Kinetics of the musculoskeletal system in relation to occupational performance skills. Included are evaluation procedures for muscle strength, range of motion, biomechanical analysis, and hand function. 2 Lec/2 Lab.

**OTS 401 Practicum - OS III - Life Narrative.** (3) A. Prerequisites: OTS 301 and 302. Pre or Corequisite: OTS 421. Active learning experience focusing on occupation across the lifespan

within the context of disability. Introduction to life narratives as an assessment of occupation. Practicum includes self reflection and portfolio development.

**OTS 402 Pract-OS IV: Advocacy/Research.** (3) A. Prerequisites: OTS 301 and 302. Pre or Corequisites: OTS 478 and OTS 432. Active learning experience focusing on advocacy, health policy, ethics, and research. Introduction to participation in policy changes and research activities to advance health care. Practicum includes self-reflection and portfolio development.

**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. Course examines the biophysical, cognitive and psychosocial development of a person as an occupational being. Content includes engagement in productive, restorative and pleasurable occupations over the lifespan.

**OTS 422 Impact of Conditions on Occ.** (4) A. Introduction to human occupation 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 435 OT Professional Seminar.** (2) A. Prerequisite: senior standing in program. Seminar course in which students will discuss and debate health issues related to practice. Concepts of position statements, strategic planning, and self-directed learning will be emphasized.

**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. The study of occupational science, its application to occupational therapy in the history and development of health care systems, models, finance, and policy issues. Topics: reimbursement, managed care, and impact of health policy in rehabilitation.

**OTS 482 Level II Fieldwork (Internship).** (6) A. Prerequisites: completion of all OTS and support courses and instructor approval. Equivalent of 12 weeks of supervised field experiences with individuals of varying ages and conditions. Students will be supervised by registered therapists. (*Last time course will be offered - Fall 2006.*)

**OTS 483 Level II Fieldwork Specialty Internship.** (2-6) A. Prerequisites: OTS 481 and 482. One to three months of field experience in a specialty area of occupational therapy. Students will be supervised by registered therapists. (*Last time course will be offered - Fall 2006.*)

**OTS 498 Occupation Portfolio.** (1) A. Develop an understanding of self-reflection and portfolio development as a process for learning and professional advancement. Portfolio development and review within themes of occupation, communication, diversity, reasoning, and identity.

**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. Prerequisite: instructor approval. An overview 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.

**PHE—Physical Education**  
Dr. Lonnie J. Davis, Chair

**PHE 125 Introduction to Physical Education.** (1) I, II. Introduction to the profession; exposure to professional standards of leadership, service, and scholarship; and assessment of skills and proficiencies necessary for professional advancement.

**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 200 Dance and Culture.** (3) I, II. 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).

**PHE 212 Care and Prevention of Athletic and Exercise Injuries.** (3) I, II. Prerequisite: BIO 171. 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) I, 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, merenque, tango, waltz and hustle.

**PHE 241 Swimming and Water Safety.** (1) I, II. Prerequisite: HPR 282. 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 242 Advanced Lifesaving.** (1) 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 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 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 314 Tap II. (1) II.** 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 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 325 Physiology of Activity. (3) I, II.**

Prerequisite: BIO 301. Effects of physical activities on various systems of the human body.

**PHE 326 History and Philosophy of**

**Physical Education. (2) I, II.** Physical education from an historical perspective and philosophies of well-known physical educators with implications for the individual and society.

**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 330 Social Dance II. (1) II.** 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 Advanced Swimming and WSL. (2)**

**I, II.** Prerequisite: proficient swimming ability for achievement of advanced swimming and WSI skills. Study of aquatic management and teaching technique. WSI certification awarded to those who qualify.

**PHE 345 Dance Choreography. (2) I.** 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 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 398 Practicum in Athletic Training.**

**(1-6) A.** Supervised athletic training in a school, university, or clinic setting. May be retaken to a maximum of six hours.

**PHE 400 Organization of Recreational Sport Activities. (3) I, II.** Theoretical and practical study of intramural recreational sports programming in institutional, agency, and private setting. Laboratory hours assigned. 2 Lec/2 Lab.

**PHE 403 Therapeutic Modalities for Athletic Training. (3) I, II.** Prerequisites: BIO 171, 301, PHE 312, and 401. Study and practice related to the physiological effects of heat and cold; the therapeutic indications and contraindications of such modalities as heat, cold, electricity, ultrasound, and water.

**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) I, 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 433 Adult Physical Fitness Programs.**

**(3) I.** 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) A.** 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 physical education core courses and sport management option courses. Students are required to document a minimum of 200 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 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. Steven Parchment, 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. Gen. Ed. IIB or VII (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. IIB or VII (AH).

**PHI 240 Philosophy of Religion. (3) A.** Study of religious experience, ideas of belief and knowledge, nature and existence of God, doctrine of persons, faith religious ethics, and religious language. Gen. Ed. IIB or VII (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. Gen. Ed. IIB or VII (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. IIB or VII (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 333 Recent Analytic Philosophy. (3) A.** Examination of recent philosophic articles and books in the analytic tradition on philosophic topics at the center of current philosophic interest.

**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.

**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.** Formerly PHI 400. An 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 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 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 and Medieval Political 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.

**PHI 552 Modern Political Theory. (3) A.** Cross-listed as POL 552. Examination of Western political theory from Renaissance to the mid-twentieth century. Credit will not be awarded to students who have credit for POL 552.

**PHI 553 Contemporary Political Theory. (3) A.** Cross-listed as POL 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 POL 553.

**PHY—Physics**  
**Dr. Mark Biermann, 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.** Designed primarily for the non-science student. Topics on energy, sound, light, electricity, magnetism, and nuclear phenomena. Credit will not be awarded to students who have credit for NAT 171. 2 Lec/2 Lab. Gen. Ed. IVB or VII (NS).

**PHY 102 Inquiry Physics 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 physical science course for teaching majors. Topics include kinematics, matter and heat, optics, electricity, and magnetism. Credit will not be awarded to students who have credit for NAT 171 or PHY 101. 1 Lec/4 Lab. Gen. Ed. IVB or VII (NS).

**PHY 131 College Physics I. (5) I, II.** Prerequisite or Corequisite: MAT 107 or a minimum score of 20 on the mathematics portion of the ACT or a minimum score of 510 on the math portion of the SAT or departmental approval. Fundamental ideas of mechanics, heat, and sound. Credit will not be awarded to students who have credit for PHY 201. 4 Lec/3 Lab. Gen. Ed. IVB or VII (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 to students who have credit for PHY 202. 4 Lec/3 Lab. Gen. Ed. IVB or VII (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. 4 Lec/3 Lab. Gen. Ed. IVB or VII (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. 4 Lec/3 Lab. Gen. Ed. IVB or VII (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.

**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.** Formerly PHY 502. 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.** Formerly PHY 520. 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.** Formerly PHY 558. 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.** Formerly PHY 559. 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.** Formerly PHY 570. 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. Carole Garrison, 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.** 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.** 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.** 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.** Police conduct is examined relative to ethical and legal principles. Application of federal and state civil, criminal, and administrative law including civil rights issues. Credit will not be awarded to students who have credit for CRJ 313.

**PLS 330 Topics in Police Studies. (1-6) A.** 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.** 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; 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-H Cooperative Study: Police Administration. (1-8) A.** 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; 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.** 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 to students who have credit for APS 375.

**PLS 380 Police in the Popular Media. (3) A.** 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.** 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.** 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.** 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 Police Technology. (3) I, II.** This course provides an overview of technology and its sociological, economic, political, ethical and psychological implications. The emphasis is on policing, including the use of technology in police

administration, standard and special operations, and investigations.

**PLS 410 Human Relations in Policing. (3) A.** Theoretical and practical problems and issues in the relationship between police agencies and the total community. Various police-community relations programs are outlined.

**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 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 424 Field Experience. (3) A.** Prerequisites: instructor and departmental approval. Designed to broaden the educational experience through appropriate observational work assignments. (Intended for pre-service students in non-sworn positions). A maximum of three hours of PLS 424 and PLS 349 can be applied toward the PLS major or minor. May be retaken 1 time for a maximum of 6 total credit hours.

**PLS 426 Federal Criminal Law. (3) A.** Prerequisites: PLS 216 or CRJ 312. 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.

**PLS 460 Independent Study. (1-3) A.** Prerequisite: departmental approval. Individual study and/or research on a problem relating to police studies. 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.

**POL—Political Science**  
**Dr. Sara Zeigler, Acting 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. Gen. Ed. VB, VC, or VII (SBS).

**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).

**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. Gen. Ed. VB or VC or VII (SBS).

**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).

**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.

**POL 305 Computers and Society. (3) A.** Cross listed as CSC 305 and SOC 305. The influence of computers on social and political processes. Software related to socio-political issues. Credit will not be awarded to students who have credit for CSC 305 or SOC 305.

**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 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.

**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 to students who have credit for 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.** Examination and comparison of various theories, strategies, forms of participation, leadership styles, and concepts (e.g., Black Power) of minority group politics.

**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.** 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.

**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.

**POL 417 Ex-Communist States in Transition. (3) A.** Revolutions and ongoing changes in selected former Communist states of east/central and south/central Europe and Eurasia; new political and governmental institutions; ethnic politics; shifting alliances and enmities, forms of cooperation, and regional groupings.

**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 446 The Politics of Sex. (3) A.** 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.

**POL 451 Principles and Politics of Human Rights. (3) A.** Examines politics of human rights in theory and in practice.

**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 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 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 to students who have credit for 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.** Cross listed as ANT 499. 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 and Medieval 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.

**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.

**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.

**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. Gen. Ed. VB, VC, or VII (SBS).

**PSY 250 Information Literacy in PSY. (3) A.** Pre or Corequisite: PSY 200. Completion of developmental reading and writing requirements. Information literacy, reading, evaluating, summarizing scientific literature in Psychology; scientific writing (APA format); basic research terminology.

**PSY 280 Life Span Developmental Psychology. (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. Gen. Ed. VB, VC, or VII (SBS).

**PSY 291 Psychology: Statistical-Experimental I. (4) I, II.** Cross listed: HEA 450. Prerequisite: MAT 105 or 106 with a grade of C or better or any MAT course above 106, PSY 200 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 to students who have credit for HEA 450.

**PSY 300 Social Psychology. (3) A.** Prerequisite: PSY 200. Study of contemporary institutions and problems such as prejudice, affection, love, altruism, aggression, and small group behavior. Contemporary research and theory will be discussed. Gen. Ed. VB, VC, or VII (SBS).

**PSY 301 Psychology: Statistical-Experimental II. (3) A.** Prerequisite: PSY 291 with a grade of "C" or better. Continuation of PSY 291.

**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 311 Physiological Psychology. (3) A.** Prerequisites: PSY 200 and PSY 291, 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. 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 and PSY 291 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. Survey of biological, psychological, social, cognitive, and historical influences on adolescent and adult development.

**PSY 315 Sensation and Perception. (3) A.** Prerequisites: PSY 200 and PSY 291 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 and PSY 291 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. Theory and facts about aging changes in sensory processes, intellect, memory, personality, family and psychopathology.

**PSY 317 Cognitive Psychology. (3) A.** Prerequisites: PSY 200 and PSY 291 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 and PSY 291 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 Psychology. (3) A.** Prerequisites: PSY 200 and PSY 291 or departmental approval. Principles of psychology as applied to industry, business, and organizations. Course will focus on the individual employee, the job, the organization, and the work environment.

**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. Two 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. Two 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 291 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 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 301 or instructor approval. Design, execution, and writing of a supervised independent research project.

**PSY 404 Environmental Psychology. (3) I, II.**

Prerequisites: PSY 300 and PSY 291 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 407 Problems 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 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 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 411 Psychology in the Legal Process. (3) A.**

Prerequisites: PSY 200 and PSY 300 or departmental approval. Course covers the area of research that applies psychological theory and research to the legal arena. Course touches on juries' perception of trial events, the role of psychologists in the legal arena, and the psychology of eyewitness testimony.

**PSY 412 The Psychology of Art. (3) A.**

Prerequisite: PSY 200 or departmental approval. Exploration of the ways in which selected psychological principles contribute to our understanding of art and the artist.

**PSY 420 The Psychology of Women (3) A.**

Prerequisite: PSY 200. Psychological theory and research about important facets of girls' and women's lives from birth through old age.

**PSY 449 Cooperative Study Literature Review. (1) A.**

Prerequisite: PSY 291. Prerequisite or Corequisite: PSY 349. Critical topical review of literature relevant to the PSY 349 placement.

**PSY 490 Clinical Psychology. (3) A.**

Prerequisite: PSY 200. Survey of clinical theories, methods, and approaches.

**PSY 497 Topics in Psychology: \_\_\_\_\_.**

(3) A. Prerequisites: PSY 200, 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 579 History and Systems of Psychology. (3) A.**

Formerly PSY 479. Prerequisite: PSY 200. 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 and PSY 291. 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 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. Renee Everett, Chair****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. May not 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. May not 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.**

Formerly PUB 340. 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 470 Public Relations Internship. (1-3) I, II.**

Formerly PUB 378. 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. (3) A.**

Prerequisites: any COM 320 A-I and PUB 475. Application of research, planning, strategies, and evaluations to a public relations campaign. Includes budgeting and scheduling of campaigns.

**PUB 520 Public Relations Practices in Management. (3) A.**

A study of the role of public relations in benefiting organizational management. This includes coordinating organizational goals with those of customers, clients, members or other related entities in corporate, government, non-profit and trade association meetings.

**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  
TBA, 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 291 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 301 or STA 271 or STA 500 or ECO 320.

**REC—Recreation and Park Administration  
Dr. Charlie Everett, Acting 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 ECU 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 512 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.

**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. Steven Parchment, 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. Gen. Ed. IIIB or VII (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-Taosim, 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 355 Religions of Africa. (3) A.** A study of traditional African religions and other religions in Africa.

**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**  
**TBA, Chair**

**RST 110 Fundamentals of Real Estate for the Consumer. (3) I.** Introduction to the elements of real property ownership, law, and leasehold interests. Will not apply toward real estate major requirements.

**RST 130 Financing Real Estate for the Consumer. (3) II.** Methods of financing the personal acquisition of real property: conventional mortgages, FHA and VA loans, and contemporary creative financing methods. Investment and shelter techniques in the purchase of investment property. Will not apply toward real estate major.

**RST 240 Fundamentals of Real Estate Appraisal. (3) A.** Prerequisites: RST 110 and 130; real estate licensure; or instructor approval. Principles and techniques of real property valuation, with special emphasis on residential (1-4 family) properties. Will not apply toward real estate major requirements.

**RST 245 Applied Residential Appraisal. (3) A.** Prerequisites: RST 240 or 340. Applied residential property focusing on applications through examples and a continuing case study; Uniform Standards of Appraisal Practice (USPAP). May be chosen as a Real Estate elective by Real Estate majors.

**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 325 Computer Applications in Real Estate. (3) II.** Prerequisite: FIN 300. Computer applications in the real estate business. Construction and use of spreadsheet and data base programs in the analysis of real estate finance and feasibility studies.

**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.**

**(1-3) A.** Prerequisites: junior, minimum 2.25 GPA, and BBA majors only. Co-curricular work experience under the direction of faculty and field supervisors. Training plan required. May be retaken to a maximum of six hours. Minimum 80 hours experience per credit hour. May not count toward major.

**RST 349 A-N Cooperative Study: Real Estate.**

**(1-3) A.** Prerequisites: junior, minimum 2.25 GPA, and BBA majors only. Co-curricular work experience under the direction of faculty and field supervisors. Training plan required. May be retaken to a maximum of six hours. Minimum 80 hours experience per credit hour. May not count toward major.

**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 410 Income Property Valuation /**

**Investment. (3) A.** Prerequisites: senior standing plus 15 hours RST including RST 401 or department approval. Real Estate income property cash flow statements and valuation; investment analysis and decisions; and Uniform Standards of Professional Appraisal Practice.

**RST 450 Seminar in Real Estate. (1-3) A.**

Selected topics of special contemporary interest to business students. May be retaken under different subtitles to a maximum of six hours.

**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. Alan Schick, 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.

**SCI 310 History of Science. (3) I, II.**

The development of scientific concepts through the ages; contribution of science to civilization; philosophy of science; biographical sketches.

**SED—Special Education**

Dr. Kim Naugle, Acting 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.

**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/departmental 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. Elizabeth Throop, Chair**

**SOC 131 Introductory Sociology. (3) I, II.**

Basic principles and concepts of sociology, including culture, personality, social structure, groups, social processes, and social change. Gen. Ed. VB, VC, or VII (SBS).

**SOC 232 Introductory Sociological Analysis. (3) I, II.**

Completion of SOC 131 is advised before taking SOC 232. Analysis of sociological concepts in terms of concept formation, measurement, interpretation, and presentation in graphic and table form.

**SOC 235 Social Problems. (3) I, II.**

Analysis of selected social problems such as crime, mental illness, homosexuality, divorce, population, and poverty. The analysis includes the definition, causes, and consequences of social problems. Gen. Ed. VB, VC, or VII (SBS).

**SOC 305 Computers and Society. (3) A.**

Cross listed as CSC 305 and POL 305. The influence of computers on social and political processes. Software related to socio-political issues. Credit will not be awarded to students who have credit for CSC 305 or POL 305.

**SOC 310 The Sociology of Language Use. (3) A.**

Cross listed as ANT 310. Completion of ANT 120 or SOC 131 is advised before taking SOC 310. An examination of the variations and meanings of language use in social groups and the role of language in human interaction. Credit will not be awarded to students who have credit for ANT 310.

**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 330 The Sociology of Education. (3) A.**

Overview of the foundational questions, issues and concerns surrounding public schooling including past, present and future reform initiatives. Students will explore the multifaceted functions, processes and outcomes of education from the perspectives of the individual, group, institution and society.

**SOC 340 Juvenile Delinquency. (3) A.**

Completion of SOC 131 is advised before taking SOC 340. Survey of theories of juvenile delinquency, including evaluation of the constitutional, psychological, and sociological approaches and dealing with prediction, treatment, and control.

**SOC 345 Sociology of the Family. (3) A.**

Completion of SOC 131 is advised before taking SOC 345. Family as an institution in society; its relation to cultural transmission and personality development; its relation to the wider institutional structure of society.

**SOC 347 The Sociology of the**

**Underground Economy. (3) A.** Examination of the underground economy and the consequences of underground economic activity for 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.**

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.

**SOC 365 Social Change in Appalachia. (3) A.**

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.

**SOC 370 Religion in Appalachia. (3) A.**

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.

**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 395 Research Methods in Sociology. (3) II.**

Completion of SOC 131 and 232 is advised before taking SOC 395. Methods and techniques of sociological research; includes collecting, measuring, analyzing, processing, and presenting social data.

**SOC 399 Gender & Cross-Cultural Perspective & Society. (3) A.**

Cross listed as ANT 399. Completion of ANT 120, 210, 211, or SOC 131 is advised before taking SOC 399. Consideration of cultural diversity in defining gender roles. Emphasis on the relationship between the social construction of gender and the experiences of women and men in traditional and contemporary societies. Credit will not be awarded to students who have credit for ANT 399.

**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.

**SOC 415 Social Gerontology. (3) A.** Cross listed as ANT 415. Completion of ANT 120, 210, 211, or SOC 131 is advised before taking SOC 415. A comparative and historical study of the physical and sociocultural aspects of human aging from a societal and global perspective. Credit will not be awarded to students who have credit for ANT 415.

**SOC 420 Social Organization. (3) A.**

Analysis of various types of organizations in American society; internal and external processes and organizational structure.

**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: nine hours in SOC. Current state of sociological theories; recent formulations, controversies, and trends.

**SOC 463 Social Stratification. (3) A.**

Prerequisite: six hours in SOC. Classic and recent studies of social classes and strata; critical analysis of recent research methods; social class, mobility aspirations.

**SOC 465 Demography. (3) A.**

Methods of demographic analysis with special emphasis on sources and uses of demographic data; models of population processes such as mortality, fertility, and migration.

**SOC 470 Seminar in Sociology. (3) A.**

Prerequisite: nine hours in SOC. Systemic overview of sociology through a general survey of various subdisciplines of the field with emphasis on recent research, theory, issues, and developments.

**SOC 480 World Systems Theory. (3) A.**

Prerequisite: SOC 131. 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.

**SOC 490 Directed Study. (1-3) A.**

Formerly SOC 590. 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 sociology.

**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. Gen. Ed. VIII.

**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. Dirk Schlingmann, 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, analysis of variance, software analysis packages. Credit will not be awarded to students who have credit for CRJ 400 or ECO 220 or EPY 842 or HEA 450 or PSY 291 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, frequency distributions, linear regression, probability, sampling distributions, point and interval estimates, hypothesis testing, software analysis packages. Credit will not be awarded to students who have credit for CRJ 400 or ECO 220 or ECO 848 or EPY 842 or HEA 450 or PSY 291 or QMB 200 or STA 215. Gen. Ed. VII (QS).

**STA 320 Applied Statistics II. (3) II.** Prerequisite: STA 215 or 270 or CRJ 400 or ECO 220 or ECO 848 or EPY 842 or HEA 450 or PSY 291 or QMB 200. Cross listed as ECO 320. Review of estimation and hypothesis testing, simple and multiple regression, model building, analysis of variance, contingency tables, elementary experimental design, classical time series analysis, statistical software packages. Credit will not be awarded to students who have credit for ECO 320 or ECO 848 or EPY 843 or PSY 301 or QMB 300 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) I, II.** Prerequisite: MAT 224 or 224H or 225 or 225H and STA 270 or departmental approval. Intuitive and axiomatic development of probability, set theory, counting techniques, conditional probability, Bayes Theorem, discrete distributions including univariate and bivariate cases, Markov Chains, and emphasis on applications.

**STA 375 Sampling Methods. (3) A.** Prerequisite: STA 215 or 270 or 370 or CRJ 400 or ECO 220 or ECO 848 or EPY 842 or HEA 450 or PSY 291 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, utilization of microcomputer statistical packages. Written and/or oral presentations required.

**STA 490 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 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, regression, analysis of variance, software analysis packages. Credit will not be awarded to students who have credit for ECO 320 or ECO 848 or EPY 843 or PSY 301 or QMB 300 or STA 271 or STA 320 or STA 521.

**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 CRJ 400 or ECO 220 or ECO 848 or EPY 842 or HEA 450 or PSY 291 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, software analysis packages.

**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.** 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 291 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.

**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. Credit will not be awarded to students who have credit for STA 500.

**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 291 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.** Prerequisites: STA 215 or 270 or 500 or 700 or 501 or 701 or 521 or 721 or 575 or 775 or CRJ 400 or ECO 220 or ECO 848 or EPY 842 or HEA 450 or PSY 291 or QMB 200. Introduction to analysis of variance and experimental design with emphasis on authentic applications and use of statistical computing packages. 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. Carole Olson, Acting Director**

**SWK 210 Introduction to Social Work. (2) 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 Introduction to Social Welfare. (3) I, II.** Prerequisites: POL 101 and SWK 210. History of social welfare, 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 a violent environment.

**SWK 311 Social Welfare Services/Policies. (3) A.** Prerequisite: SWK 310. Social problems, policies, and services in the areas of health and mental health care, aging, women's issues, and juvenile delinquency.

**SWK 331 Appalachia: A Cultural Perspective. (3) A.** Cross listed as ANT 331. Prerequisites: SOC 131 and three hours of ANT, SOC, or SWK. Sociocultural perspective of Appalachia. Relationship of physical characteristics; beliefs; occupation; personality; family/kinship patterns to health. Cross-cultural professional practice skills and errors of crosscultural helping. Credit will not be awarded to students who have credit for ANT 331.

**SWK 335 Human Behavior/ Social Environment II. (3) I, II.** Prerequisite or Corequisite: 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 350 Social Work Practice I. (3) I, II.** Prerequisites: SWK 335 and 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. (2) I, II.** Corequisite: SWK 350. Weekly two-hour laboratory. Focuses on interactional activities and exercises that foster the development of interviewing, data collection, and synthesis, assessment, and use of relationship skills.

**SWK 355 Social Work Practice II. (5) I, II.** Prerequisites: SWK 350, 354, and SOC 232. Addresses the social work process with a focus on planning intervention, implementation, and evaluation of practice strategies. A weekly laboratory develops skills in these areas. Work with families and groups will be emphasized.

**SWK 358 Child Abuse and Neglect. (3) A.** Prerequisite: SWK 310 or 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.

**SWK 360 Social Work Practice III. (3) I, II.** Prerequisite: SWK 355 or coordinator approval. 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. 2 Lec/2 Lab.

**SWK 390 Field Experience in a Social Agency. (3) I, II.** Prerequisite: SWK 350. 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 311, SWK 355, and SWK 358. 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 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 to students who have credit for 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 Practicum Director. Four days a week for 12 weeks plus weekly on-campus seminar. Application must be made through Practicum 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, General**  
**Dr. Stephen Fardo, Dr. Tim Ross, Mr. Ted Lloyd, Dr. David Dailey, Coordinators**

**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.** 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 309 Integrated Marketing Communications. (3). A.** Cross listed as MKT 309 and COM 309. A course covering the theories, strategies and skills of Integrated Marketing Communication, with a special emphasis on applying IMC to the Internet and the World Wide Web (WWW). Credit will not be awarded to students who have credit for MKT 309 or COM 309.

**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. An advanced course in preparing content for the World Wide Web. The creation of animated GIFs, Flash animation, Portable Document Format files and streaming video will be taught. 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 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. Jack Culross, Acting 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).

**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, properties and stage management.

**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 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 to students who have credit for 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 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**  
**Dr. Raymond Ochs, 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 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.

**TTE—Technology Teacher Education**  
**Dr. William E. Davis, Chair**

**TTE 163 Production Processes.** (3) A. A study of the use of basic tools and machines, to include hand tools and portable power tools. Skills, care, and safety will be stressed. Students will complete a series of exercises that will cause them to demonstrate their skills and knowledge. 2 Lec/2 Lab.

**TTE 233 Problem Solving and Design.** (3) A. Prerequisites: TEC 190 and TTE 163. Study and application of the principles of three-dimensional design related to various media, emphasis on experimentation and problem solving in developing and construction design solutions. Technical illustration techniques to include pencil rendering, ink delineation, and other methods. 2 Lec/2 Lab.

**TTE 461 Communication Systems.** (3) A. Prerequisites/Corequisite: EET 251 and CTE 361. A course for the technology education teacher related to the communication industry and related occupations. The content will include the concepts and principles of communication systems and the impact of this industry on society. 2 Lec/2 Lab.

**TTE 462 Manufacturing Systems.** (3) A. Prerequisites/Corequisite: TTE 163 and CTE 361. A course for the technology education teacher related to the occupations, materials, processes, and tools found in manufacturing industries. Laboratory sessions include designing, operation, and management of a simulated manufacturing activity. 2 Lec/2 Lab.

**TTE 464 Related Technology Systems.** (3) A. Prerequisite: CTE 361. A course for the technology education teacher related to the transportation and power industry to include related occupations. The content will include power mechanics, electrical theory and power, and fluid power, as these relate to the industry. 2 Lec/2 Lab.

**TTE 465 Construction Systems.** (3) A. Prerequisites: TTE 163 and CTE 361. A course for the technology education teacher related to the construction industry, its related occupations, and its function in today's economy. The content will include activities in basic carpentry, electrical wiring, plumbing, masonry, and structural building techniques. 2 Lec/2 Lab.

**WMS—Women's Studies**  
**Dr. Aaron Thompson, Associate Vice President**

**Ms. Marta Miranda, Director**

**WMS 201 Introduction to Women's Studies.** (3) A. Introduction to interdisciplinary field of women's studies and feminist scholarship. Provides overview of the diversity of women's experiences, images, and issues from a wide variety of disciplinary perspectives.

**WMS 300 Topics in Women's 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.

**WMS 349 Applied Learning in Women's Studies.** (1-8) A. Prerequisite: approval of Director of Women's 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.

**WMS 349 A-N Cooperative Study: Women's Studies.** (1-8) A. Prerequisite: approval of Director of Women's 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.

**WMS 400 Feminist Theory and Practice.** (3) A. Prerequisite: WMS 201 or instructor approval. Examines development of feminist theory and its implications for continuing feminist scholarship. Includes related research project in student's major.

**WMS 495 Independent Study: Women's Studies.** (1-3) A. Prerequisite: approval of Director of Women's Studies. Study of a special topic in Women's Studies. Proposal must be approved by faculty supervisor and Women's Studies Director before enrolling.

## FACULTY LISTING

- ABNEY, WILLIAM M.** (1976), Assistant Professor, Fire & Safety Engineering Technology. AA, BS, MS, Eastern Kentucky.
- ADAMS, ANTHONY W.** (1999), Coordinator, Associate Professor, Aviation. Assistant Professor, Technology. BS, Regents College; MAS, Embry-Riddle; additional graduate courses, Eastern Kentucky.
- ADAMSON, JAMES A.** (2001), Assistant Professor, 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.
- ADKINS, MARGARET** (2003), Assistant Professor, Special Education and Clinical Audiology Director, Communication Disorders. BS, Eastern Kentucky; MA, Connecticut.
- AFSAH-MOHALLATEE, DAVID** (1998), Associate Professor, Art & Design. BA, Kutztown State; MFA, Temple.
- ALCORN, CLEMMMA**, (1993), Assistant Professor, Nursing. RN; BSN, Ohio State; MSN, Kentucky; additional graduate work, Kentucky.
- ALEXANDER, CECILIA** (1994), Librarian IV; BS, Ohio; MLS, Kentucky.
- ALLAMEH, E. JOY** (1978), Associate Professor, English & Theatre. BS, Middle Tennessee; MA, Arkansas; PhD, Kentucky.
- ALLEN, JOYCE** (2005), Assistant Professor, Nursing. MSN, RN, ARNP, BC, Eastern Kentucky.
- ALLEN, KATHRYN** (1987), Assistant Professor, Occupational Therapy. OTR/L; BS, Mt. Mary; MS, Kentucky.
- ALLISON, JOSEPH** (1999), Professor, Music. BS, East Tennessee; MS, DMA, South Carolina.
- ALMJELD, JENNIFER** (2002), Visiting Instructor, Journalism. BA, MA, Eastern Kentucky.
- 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.
- APPLETON, THOMAS H.** (2000), Professor, History. BA, Memphis; MA, PhD, Kentucky.
- ASHER, H. INNESS** (2003), Lecturer, English. MA, Eastern Kentucky.
- AULT, ALLEN L.** (2003), Dean, Justice & Safety, Professor. BA, Oglethorpe; MAEd, EdD, Georgia.
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AACSB International .....	93
Academic Advising and Retention .....	62
Academic Affairs, Office of .....	56
Academic Bankruptcy of Eastern Work .....	43
Academic Bankruptcy of Transferred Work .....	43
Academic Honesty .....	36
Academic Probation .....	42
Academic Procedures and Regulations .....	36
Academic Programs .....	53
Academic Testing .....	63
Academic Warning .....	42
Accounting .....	95
Accounting (Certificate) .....	97
Accounting, Finance, and Information Systems, Department of .....	95
Accreditations .....	51
Accreditations and Memberships .....	51
Admissions .....	63
Admission to the University .....	12
Admission, Freshman Full .....	12
Admission, General Requirements .....	12
Admission, International Students .....	12
Admission, Other Types of .....	13
Admission, Probationary .....	12
Admission, Provisional .....	12
Admission, Requirements for Readmission .....	13
Admission, Transfer Student .....	12
Admissions, Special .....	12
Advanced Emergency Medical Care (Certificate) .....	149
Advanced Placement Program (APP) .....	37
Advertising (Minor) .....	101
Aerospace Studies (Minor) .....	103
African/African-American Studies (Certificate) .....	58
African/African-American Studies (Minor) .....	58
Agriculture, Department of .....	89
Agriculture Area Major .....	90
Agriculture with Minor in Business .....	90
Agriculture, Technical .....	91
Agriculture (Minor) .....	91
Air Force ROTC .....	103
Alumni Association .....	29
American Sign Language Studies (Minor) .....	121
Anthropology .....	68
Anthropology (Minor) .....	70
Anthropology, Sociology, and Social Work, Department of .....	68
Appalachian Studies, Center for .....	59
Appalachian Studies (Minor) .....	60
Apparel Design and Merchandising Area Major .....	135
Apparel Design and Merchandising (Minor) .....	138
Application for Graduation .....	49
Archaeology (Minor) .....	70
Army ROTC .....	102
Art .....	70
Art and Design, Department of .....	70
Art History (Minor) .....	71
Art Studio (Minor) .....	71
Art Teaching (Minor) .....	71
Art/Studio Options .....	71
ARTS AND SCIENCES, COLLEGE OF .....	65
Assets Protection and Security .....	147
Assets Protection (Minor) .....	149
Associate Degree Nursing, Department of .....	127
Associate Degree Graduates, Honors for .....	49
Associate Degrees .....	49
Athletic Training .....	133
Auditing Courses .....	40
Aurora .....	34
Aviation Area Major .....	106
Aviation Administration (Minor) .....	109
Aviation Flight (Minor) .....	109
Baccalaureate and Graduate Nursing, Department of .....	130
Baccalaureate Degree Graduates, Honors for .....	49
Baccalaureate Degrees .....	46
Basic Emergency Medical Technician Certification .....	149
Beta Gamma Sigma .....	93
Biological Sciences, Department of .....	71
Biology, Biology/Teaching .....	71,72
Biology (Minor) .....	73
Bookstore, EKU .....	23
Broadcasting and Electronic Media .....	100
Broadcasting and Electronic Media (Minor) .....	101
Broadcast News (Minor) .....	101
Business (Minor) .....	99
Business and Marketing Education/Teaching .....	98
BUSINESS AND TECHNOLOGY, COLLEGE OF .....	89
Calendar, University .....	2
Canadian Studies (Minor) .....	70
Career and Technical Education/Teaching Area Major .....	106
Career and Technical Education/Teaching .....	109
Career and Technical Education (Certificate) .....	110
Career Services .....	23
(CARES) Colonel's Advising and Registration Equals Success Report .....	36
Catalog .....	36
Center for Appalachian Studies .....	59
Certified Alcohol and Drug Counselor (Certificate) .....	139
Certified Public Accountant (CPA) .....	95
Change/Declaration of Major .....	36
Chemistry .....	73
Chemistry, Department of .....	73
Chemistry, Chemistry/Teaching (Minor) .....	74
Child and Family Studies Area Major .....	136
Child and Family Studies (Minor) .....	138
Class Attendance .....	36
Classification of Students .....	36
(CLEP®), College Level Examination Program .....	37
Clinical Laboratory Science, Department of .....	131
Clinical Laboratory Science .....	131
Clinical Laboratory Technology .....	131
Coaching (Endorsement) .....	134
College Level Examination Program (CLEP®) .....	37
Commonwealth Scholar Award .....	30
Communication, Department of .....	99
Communication Disorders .....	119
Communication Studies .....	100
Communication Studies (Minor) .....	101
Community Health Education/NonTeaching (Minor) .....	139
Community and Regional Planning (Minor) .....	81
Comprehensive Requirements, Associate Degrees .....	49
Comprehensive Requirements, Baccalaureate Degrees .....	46
Computer and Related Resources .....	29
Computer Electronic Networking .....	107
Computer Electronic Publishing (Minor) .....	109
Computer Electronics Technology (Minor) .....	109
Computer Information Systems .....	95
Computer Information Systems (Minor) .....	96
Computer Science .....	74
Computer Science, Department of .....	74
Computer Science (Minor) .....	75
Concurrent Degrees .....	46
Construction Management .....	107
Construction Management (Minor) .....	109
Continuing Education and Development, Division of .....	126
Continuing Education and Outreach, Office of .....	56
Cooperative Education/Applied Learning .....	60
Core Values, EKU .....	7
Corporate Communication and Technology .....	97
Correctional and Juvenile Justice Studies .....	145

INDEX

Correctional and Juvenile Justice Studies (Minor) .....	145	English, English/Teaching (Minor) .....	78
Correctional and Juvenile Justice Studies, Department of .....	144	English and Theatre, Department of .....	76
Correspondence Credit .....	36	Endorsements and Certificates .....	55
Counseling and Educational Psychology, Department of .....	116	Enrollment Management, Office of .....	62
Counseling Center .....	24	Entitlements .....	30
Course Descriptions .....	151	Environmental Health Science, Department of .....	131
Course Numbering .....	151	Environmental Health Science .....	132
Course Prefixes .....	151	Environmental Health Science (Minor) .....	132
Credits Accepted .....	36	Environmental Studies .....	72
Credit-By-Examination .....	36	Equivalent Courses .....	41
Criminal Justice .....	146	Exercise and Sport Science, Department of .....	132
Criminal Justice (Minor) .....	146	Extended Campus Student Affairs .....	25
Criminal Justice and Police Studies, Department of .....	146	Extended Campuses .....	56
Curriculum and Instruction, Department of .....	116	Faculty Listing .....	216
Curriculum Guides .....	38	Family and Consumer Sciences, Department of .....	135
Dance/NonTeaching (Minor) .....	134	Family and Consumer Services Education/Teaching .....	136
Dance Certification Teaching (Minor) .....	134	Family and Consumer Sciences (Minor) .....	138
Deaf and Hard of Hearing (P-12) with Elementary Education (P-5) Teaching .....	119	FERPA (Family Educational Rights and Privacy Act of 1974) .....	3
Deaf and Hard of Hearing (P-12) with Middle Grade Education (5-9) Teaching .....	119	Federal Pell Grant .....	30
Deaf and Hard of Hearing Services, Office of .....	33	Federal Perkins Loan .....	32
Dean's Award .....	38	Federal Plus Loan .....	32
Dean's List .....	38	Federal Regulations .....	3
Degree Information .....	46	Federal Subsidized Stafford Loan .....	32
Degree Requirements .....	46	Federal Supplemental Educational Opportunity Grant .....	30
Departmental Examinations .....	38	Federal Unsubsidized Stafford Loan .....	32
Developmental Education, Office of .....	64	Field Services and Professional Development, Office of .....	116
Developmental Education Description, Requirements, and Policies .....	38	Final Examination, Rescheduling of .....	44
Developmental Enrollment and Completion Requirements .....	39	Finance .....	96
Developmental Requirements, Restrictions with .....	39	Financial Affairs and Treasurer, Office of .....	23
Developmental Courses, Grades in .....	39	Financial Assistance .....	63
Deviance/Criminology (Minor) .....	70	Financial Obligations of the Student .....	23
Dining Services .....	24	Fire and Safety Engineering Technology .....	147
Dining Services Refund .....	45	Fire and Safety Engineering Technology (Minor) .....	148
Disabilities, Services for Individuals with .....	33	Fire and Safety Engineering Technology Certification of Competency .....	149
Dismissal .....	42	First Step to College Success Program .....	64
Dispute Resolution (Minor) .....	101	First Year Experience .....	25
Double Major .....	39	Foodservice Administration (Minor) .....	138
Dr. Rodney Gross Scholarship .....	31	Foreign Language and Humanities, Department of .....	78
Driver Education (Endorsement) .....	149	Forensic Anthropology (Minor) .....	70
Dual Degree Agreements .....	39	Forensic Science .....	73
Early Childhood Development .....	137	French Conversation and Culture (Certificate) .....	79
Earth Sciences, Department of .....	75	French, French/Teaching .....	78
Earth Science/Teaching .....	75	French (Minor) .....	79
Earth Science/Teaching (Minor) .....	75	Freshman Full Admission, Requirements for .....	12
Eastern Progress .....	34	General Business .....	97
Economics .....	75	General Dietetics Area Major .....	137
Economics, Department of .....	75	General Education .....	60
Economics (Minor) .....	75	General Education Requirements, Associate Degrees .....	49
EDUCATION, COLLEGE OF .....	111	General Education Requirements, Baccalaureate Degrees .....	46
Education Pays Center .....	62	General Requirements for Undergraduate Admission .....	12
Educational Leadership, Office of .....	116	General Studies, Bachelor Degree .....	58
Educational Research and Assessment, Office of .....	115	Geology .....	75
Educational Talent Search Program .....	64	Geology (Minor) .....	75
Educational Technology, Office of .....	115	Geography, Department of .....	80
EKU Bookstore .....	23	Geography .....	80
EKUBusiness .....	93	Geography (Minor) .....	80
EKU Excellence Award .....	31	Geotechniques (Minor) .....	80
EKU Founders Scholarship .....	31	German Conversation and Culture (Certificate) .....	79
EKU Retention Scholarship .....	31	Gerontology, Interdisciplinary Minor in .....	126
Elementary Education/Teaching P-5 .....	116	Good Academic Standing .....	40
Emergency Medical Care .....	147	Government, Department of .....	81
Emergency Medical Care (Minor) .....	149	Grade Appeals .....	41
English, English/Teaching .....	76,77	Grade Change .....	41

Grades in Developmental Courses .....	39	Mathematics, Mathematics/Teaching .....	83,84
Grading System .....	40	Mathematics (Minor) .....	85
Graduation .....	49	Mathematical Sciences (Minor).....	84
Grants .....	30	Mathematics Teaching (Minor).....	85
Graphic Communications Management .....	108	Meditation Chapel .....	26
Greek Affairs .....	25	Medical Administrative Certificate Program .....	141
Gulf Coast Research Laboratory .....	65	Medical Assisting Technology .....	141
Health Care Administration (Minor) .....	140	Medical Practice Management .....	141
Health Education .....	138	Memberships .....	52
Health Information (Minor) .....	140	Middle Grade Education Teaching 5-9 .....	117
Health Information Management (Post-baccalaureate Certificate).....	140	Military Credits .....	42
Health Promotion and Administration, Department of ...	138	Military Science and Leadership, Department of .....	102
HEALTH SCIENCES, COLLEGE OF .....	122	Military Leadership (Minor) .....	102
Health Sciences Learning Resource Center .....	126	Military Withdrawal .....	45
Health Services Administration .....	139	Minimum Scholastic Standards .....	42
High School Seniors, Other Types of Admission .....	13	Minors .....	54
History, Department of .....	82	Mission Statement, EKU .....	7
History, EKU .....	7	Mission Statement, EKU/CPE .....	9
History, History/Teaching .....	82,83	Multicultural Student Affairs .....	26
History (Minor) .....	83	Music .....	85
Home School Students, Other Types of Admission .....	13	Music, Department of .....	85
Honors for Associate Degree Graduates .....	49	Music (Minor) .....	86
Honors for Baccalaureate Degree Graduates .....	49	Natural Areas .....	61
Honors Program .....	57	Natural Resource Geography (Minor) .....	81
Honors Program Award .....	31	Notifications .....	3
Horticulture Area Major .....	91	Non-Degree Student, Admission as .....	13
Horticulture with Minor in Business .....	91	NOVA Program (Student Support Services) .....	62
Horticulture (Minor) .....	92	Nursing, Associate .....	129
Housing Refund .....	46	Nursing, Baccalaureate .....	130
Humanities (Minor) .....	79	Nursing Post RN Option .....	130
Individuals with Disabilities, Services for .....	33	Nursing BSN Second Degree Option .....	130
Individualized Studies, Bachelor Degree .....	58	Nutrition (Minor) .....	138
Industrial Technology Area Major .....	108	Occupational Science .....	142
Industrial Technology (Minor) .....	110	Occupational Therapy, Department of .....	141
Institutional Goals, EKU .....	8	O'Donnell Scholarship Recipients, Other Types of Admission .....	13
Instructional Computer Technology (Endorsement) .....	110	Office Administration (Minor) .....	99
Insurance .....	96	Office Systems/Technologies .....	99
Insurance and Risk Management (Minor) .....	96	Other Types of Admission .....	13
International Baccalaureate, Other Types of Admission ..	13	Paralegal Program .....	81
International Baccalaureate Credit .....	38	Paralegal Science .....	81
International Education .....	61	Paralegal Science (Certificate, Post-Baccalaureate .....	82
International Students, Requirements for .....	12	Paralegal Studies .....	82
International Studies, (Minor) .....	59	Paralegal Studies (Minor) .....	82
Interpreter Training Program .....	120	Paramedicine .....	148
Introduction, EKU .....	7	Parking/Transportation .....	26
J. W. Thurman Alumni Scholarship .....	31	Pass-Fail Option .....	40
Japanese Conversation and Culture (Certificate) .....	80	Philosophy .....	86
Journalism .....	101	Philosophy (Minor) .....	86
Journalism (Minor) .....	101	Philosophy and Religion, Department of .....	86
Jump Start Students, Other Types of Admission .....	13	Physical Education .....	134
JUSTICE AND SAFETY, COLLEGE OF .....	147	Physical Education/NonTeaching (Minor).....	134
Kentucky General Education Transfer Agreement .....	41	Physics, Physics/Teaching .....	87
Kentucky Pre-College Curriculum .....	13	Physics and Astronomy, Department of .....	87
Late Registration Fee .....	42	Physics, Physics/Teaching (Minor).....	88
Letter Grades .....	40	Police, EKU .....	27
Libraries .....	57	Police Studies .....	146
Loss Prevention and Safety, Department of .....	147	Police Studies (Minor) .....	146
Majors .....	53	Political Science .....	81
Management .....	98	Political Science (Minor) .....	82
Management, Marketing, and Administrative Communication, Department of .....	97	Preprofessional Curricula, General Academic Information .....	43
Managerial Communication (Minor) .....	99	Pre-Engineering Curricula .....	66
Marketing .....	98	Pre-Forestry Curriculum .....	66
Mathematics and Statistics, Department of .....	83	Pre-Law Curriculum .....	43
		Pre-Medical Sciences .....	67
		Pre-Optometry Curriculum .....	66
		Pre-Pharmacy Curriculum .....	67

INDEX

Pre-Professional Curricula, Arts and Sciences .....	66	Speech-Language-Hearing Clinic .....	33,118
Pre-Professional Programs, Health Sciences .....	126	Statistics .....	84
Pre-Veterinary Medicine, Arts and Sciences .....	67	Statistics (Minor) .....	85
Pre-Veterinary Medicine, Business and Technology .....	92	Strategic Directions, EKU .....	8
Presidential Scholarship .....	31	Student Affairs, Division of .....	23
President's Award .....	43	Student Aid Society .....	32
Probationary Admission .....	12	Student-Athlete Academic Success Center .....	62
Professional Laboratory Experiences/Student		Student Automobiles .....	33
Teaching (College of Education) .....	114	Student/Client Support Services .....	56
Provision of Services (College of Education) .....	121	Student Employment .....	63
Provisional Admission .....	12	Student Financial Obligations .....	23
Psychology .....	88	Student Health Services .....	27
Psychology, Department of .....	88	Student Identification Card .....	24
Psychology (Minor) .....	88	Student Involvement and Leadership .....	28
Public Administration (Minor) .....	82	Student Load .....	44
Public Child Welfare (Certificate) .....	70	Student Loans .....	32
Public Relations .....	101	Student Loans, Federal Perkins .....	32
Public Relations (Minor) .....	101	Student Loans, Federal Plus .....	32
		Student Loans, Federal Subsidized Stafford .....	32
Quality Assurance Technology (Minor) .....	100	Student Loans, Federal Unsubsidized Stafford .....	32
		Student Loans, Student Aid Society .....	32
Readmission, Requirements for .....	13	Student Publications .....	34
Readmission Under Special Conditions .....	43	Student Residency .....	14
Real Estate (Certificate) .....	97	Student Right-To-Know Act .....	5
Real Estate (Minor) .....	97	Student Support Services .....	62
Recreation and Park Administration .....	143	Study Abroad Programs .....	44
Recreation and Park Administration, Department Of .....	142	Subsequent Degrees .....	46
Recreation and Park Administration/NonTeaching			
(Minor) .....	143	Teacher Admission and Certification, Office of	
Recreation/Intramurals .....	24	(College of Education) .....	112
Refund Policy .....	23	Teaching and Learning Center .....	61
Regents Scholarship .....	31	Technical Agriculture .....	91
Registrar .....	63	Technology, Department of .....	104
Regulations, Federal .....	3	Technology .....	109
Religion (Minor) .....	86	Theatre Arts, Theatre Arts/Teaching (Minor) .....	78
Repeating Courses .....	41	Three-Two Curricula, Arts and Sciences .....	66
Rescheduling of Final Examination .....	44	Three-Two Curricula, General Academic Information .....	43
Residency Appeals Policy and Procedures .....	19	Traffic Safety/NonTeaching (Minor) .....	149
Residency, Student .....	14	Transcript Changes .....	41
Ronald E. McNair Postbaccalaureate		Transfer Credits/Courses .....	45
Achievement Project .....	62	Transfer Students, Requirements for Admission .....	12
		Transition and University Services .....	63
Satisfactory Progress .....	44	TRIO Programs .....	62
Schedule Changes .....	44	Two-Two Curriculum, Arts and Sciences .....	66
Scholarships .....	30		
Scholarships, Commonwealth Scholar Award .....	31	Undeclared Students .....	49
Scholarships, Dr. Rodney Gross .....	31	Undergraduate Admissions .....	12
Scholarships, EKU Excellence Award .....	31	University Calendar .....	2
Scholarships, EKU Founders .....	31	University Diversity, Office of .....	64
Scholarships, EKU Retention .....	31	University Housing .....	28
Scholarships, Honors Program .....	31	University Police .....	27
Scholarship, J. W. Thurman Alumni .....	31	University Programs, Office of .....	57
Scholarships, Presidential .....	31	University Writing Requirement (UWR) .....	45
Scholarships, Regents .....	31	Upward Bound Program .....	64
School Health P-12/Teaching (Minor) .....	139		
Science for Engineering .....	87	Veterans Administration Benefits .....	30
Service Learning/Civic Engagement .....	61	Veterans Program .....	30
Social Justice (Minor) .....	146	Vision, EKU .....	8
Social Welfare (Minor) .....	70	Visiting Students, Other Types of Admission .....	13
Social Work .....	69	Visual Media (Minor) .....	101
Sociology .....	69	Vocational Rehabilitation .....	30
Sociology (Minor) .....	70	Volunteerism .....	29
Soils (Minor) .....	92		
Spanish (Certificate) .....	80	Wildlife Management .....	72
Spanish (Minor) .....	79	Withdrawal from the University .....	45
Spanish, Spanish/Teaching .....	79	Women's Studies, Interdisciplinary Certificate .....	59
Special Admissions .....	12	Women's Studies, Interdisciplinary Minor .....	59
Special Education, Department of .....	118	Workforce Education .....	56
Special Education/Teaching .....	120		
Special Education/NonTeaching .....	120	Youth Work Certification Program .....	145
Special Education/NonTeaching (Minor) .....	121		