

1973

La Salle College Bulletin: Evening Division Announcement 1973-1974

La Salle University

Follow this and additional works at: http://digitalcommons.lasalle.edu/course_catalogs

Recommended Citation

La Salle University, "La Salle College Bulletin: Evening Division Announcement 1973-1974" (1973). *La Salle Course Catalogs*. 100.
http://digitalcommons.lasalle.edu/course_catalogs/100

This Article is brought to you for free and open access by the University Publications at La Salle University Digital Commons. It has been accepted for inclusion in La Salle Course Catalogs by an authorized administrator of La Salle University Digital Commons. For more information, please contact careyc@lasalle.edu.

lasalle
college
lasalle
college
lasalle
college
lasalle
college
lasalle
college
lasalle
college
lasalle
college
lasalle
college
lasalle
college
lasalle
college



**EVENING
DIVISION**

**BULLETIN
1973-74**

Contents

Academic Calendar	4
General Information	7
Evening Program of the College	10
Expenses	14
Policies and Procedures	17
The Curriculum	22
Description of Courses	31
Student Affairs	76
Administration	80
Faculty of the Evening Division	81



LA SALLE COLLEGE BULLETIN

Volume LIV

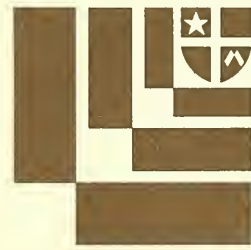
May, 1973

Number 3

Published four times a year, in March, May, June, and December, by La Salle College, Olney Avenue at 20th Street, Philadelphia, Pennsylvania 19141.

Second class postage paid at the post office at Philadelphia, Pennsylvania.

laSALLE COLLEGE



BULLETIN

EVENING DIVISION

1973-74

ANNOUNCEMENT

CURRICULA IN
LIBERAL ARTS
SCIENCE AND
BUSINESS
ADMINISTRATION

*A Catholic College Conducted by
The Brothers of the Christian Schools*



*Brother Daniel Burke, F.S.C., Ph.D.
President
Appointed, June 5, 1969
Inaugurated, October 19, 1969*

LA SALLE COLLEGE
PHILADELPHIA, PA. 19141

OFFICE OF THE
PRESIDENT

May 3, 1973

Dear Students:

In planning your educational development, you are probably confronted with endless questions. Not the least of these is choosing the right college and the right program. One of the major purposes of the catalogue is to help you make such decisions--by providing detailed information about our college and its programs.

What a catalogue can't provide, of course, is the experience of the people and the spirit of an academic community. I think you'll find both these things very impressive in the Evening Division here, a Division which is an integral part of the whole College and which, in many instances, shares the same faculty with the day division. I'm very proud of the good balance of general humanistic education and career development in our evening programs and, most particularly, of the concern for the individual student shown by faculty and staff.

This combination of factors has meant increased success for our students in business and industry, success, too, in graduate schools (as a number of Wilson, Danforth and Fulbright fellowships testify), but success, most of all, in increased awareness and intellectual skill. Those goals are worth achieving, and I think you'll be happy with the realistic help toward achieving them that you'll find here.

Sincerely,



Daniel Burke, F.S.C.
President

BDB/gob



ACADEMIC CALENDAR—1973-1974

Fall Semester, 1973

August	10	Friday	Final date for accepting applications for admission of students with advanced standing.
August	21	Tuesday	Final date to complete registration by mail.
August	17	Friday	Final date for accepting applications for admission of new students.
August	27	Monday	
August	28	Tuesday	In-person registration for the fall semester 7:00 P.M. to 9:00 P.M.
August	29	Wednesday	
September	4	Tuesday	Fall semester classes begin.
September	10	Monday	Last day for change of roster and late registration 6:00 P.M. to 8:30 P.M.
September	18	Tuesday	Final date to register for Pass/Fail option in elective courses.
October	23	Tuesday to	
October	30	Tuesday	Mid-semester examinations.
November	6	Tuesday	Mid-semester grades due.
November	7	Wednesday	Final date for withdrawal without penalty of failure.
November	21	Wednesday	Thanksgiving recess begins at 10:30 P.M.
November	26	Monday	Classes resume.
December	11	Tuesday	End of fall semester classes at 10:30 P.M.
December	12	Wednesday to	
December	20	Thursday	Fall semester final examinations.



Spring Semester, 1974

To be announced		Final date to complete registration by mail.
January	2 Wednesday	Final date for accepting applications for admission of students with advanced standing.
January	7 Monday	Final date for accepting applications for admission of new students.
January	7 Monday	In-person registration for the spring semester
January	8 Tuesday	7:00 P.M. to 9:00 P.M.
January	9 Wednesday	Spring semester classes begin.
January	14 Monday	Final date for change of roster and late registration 6:00 P.M. to 8:30 P.M.
January	17 Thursday	Final date to register for Pass/Fail option in elective courses.
January	28 Monday	
February	25 Monday to	Mid-semester examinations.
March	2 Saturday	Mid-semester recess.
March	4 Monday	Classes resume.
March	11 Monday	Mid-semester grades due.
March	12 Tuesday	Final date for withdrawal without penalty of failure.
March	13 Wednesday	
April	11 Thursday	Easter recess begins at 10:30 P.M.
April	16 Tuesday	Classes resume.
April	29 Monday	End of spring semester classes at 10:30 P.M.
April	30 Tuesday to	
May	8 Wednesday	Spring semester final examinations.



PHILOSOPHY AND OBJECTIVES

La Salle College offers students an education founded on the idea that man's intellectual and spiritual development go hand in hand, complementing and fulfilling one another. The basic purpose of the College is a free search for truth and the development of materials and skills necessary for the search; its religious concern is an extension of that purpose. In a company of mature teachers and scholars, the College urges the student to confront the ultimate questions of human experience: who he is; where his destiny lies; how he is to reach it.

La Salle is committed to a liberal education of both general and specialized studies. It wants its students to liberate themselves from narrow interests and prejudices and to learn to observe reality with precision, judge events and opinions critically, think logically, communicate effectively, and sharpen esthetic perception. The curriculum involves a body of knowledge about the universe; about man—his nature, behavior, and values; about God. It also provides an opportunity to gain specialized knowledge in one field of learning as a preparation for graduate study or entry into professional life. Beyond this breadth and depth of knowledge, the College encourages its students to seek wisdom, that is, to grasp those basic principles which can give order to particular facts.

As a private Catholic college, La Salle pursues these aims in a religiously diverse community of teachers and students interested in studying secular subjects in their autonomy, undertaking religious studies in a systematic way, and investigating what interrelations these subjects may have. The community also engages in programs in which the students' personal, social and religious values may take root and in which the students may grow in mature attitudes and behavior in all human relationships. The ultimate hope of the College is that its graduates will be ready for informed service and progressive leadership in their communities and will be able to fulfill the immediate and final goals of their lives.

ACCREDITATION AND MEMBERSHIP

La Salle College was chartered in 1863 by the Legislature of the Commonwealth of Pennsylvania and is empowered by that authority to grant academic degrees. It is accredited with the Middle States Association of Colleges and Secondary Schools, the Pennsylvania Department of Education, the Regents of the University of the State of New York, the American Chemical Society, and the Pennsylvania State Board of Law Examiners.

The College is a member of the American Chemical Society, the American Council on Education, the Association of American Colleges, the College Entrance Examination Board, the American Association of Collegiate Registrars and Admissions Officers, the Association of College Admissions Counselors, the National Catholic Educational Association, the College and University Council of Pennsylvania, the Association of Liberal Arts Colleges of Pennsylvania for the Advancement of Teaching, the Pennsylvania Catholic Education Association, the American Library Association, the National Commission on Accrediting, the American Catholic Historical Society, the Educational Conference of the Brothers of the Christian Schools, the National Association for Foreign Student Affairs, the Association of University Evening Colleges, and the National Association of Summer Sessions.



Evening Program of the College

THE SPECIAL PURPOSE OF THE EVENING DIVISION

The particular purpose of the Evening Division of La Salle College is to afford the opportunity for an education to those who are unable to attend college during the day, but who recognize the value of an organized program of studies as a means of increasing their knowledge, broadening their perspective, and developing their abilities for successful living.

The program of the Evening Division has been planned to meet the needs of a student body which, for the greater part, is mature in experience and motivation. Although the objectives of the Evening College are not distinctively different from those of the Day College, they have been modified in some detail to provide for the adult character of the student body. Thus, the Evening Division endeavors to meet the educational needs of those who, necessarily, have varied backgrounds, who are mature in motivation and in determination to attain an academic degree.

The La Salle College Evening Division, therefore, aims to equip its students to achieve greater vocational competence by solidifying their educational experience on the buttresses of accredited college courses oriented toward the Bachelor's degree.

Because all courses are college credit offerings, the curriculum is centered on the concept of college education for adults, rather than a less academically controlled program of "adult education." Through the college curriculum, the Evening Division aims, in addition, to prepare its students for positions of greater responsibility and to help meet the needs of employers for personnel with a college background. The program seeks also to foster independent thinking which will result in individual growth toward better comprehension of personal and social problems, for improved adjustment to the stresses of competitive living, and for more effective contributions to a community in which there is extensive industrial and commercial activity.

Admission

Applicants who, in the opinion of the Committee on Admissions, are qualified to profit by the educational program of the College are admitted to the Evening Division. In determining the admission of an applicant, consideration shall be given to his past scholastic record, his present scholastic aptitude, his experience and his character recommendations.

All applicants are required to take a series of entrance examinations. The results of these examinations provide the Committee on Admissions with basic information for evaluating verbal and mathematical aptitudes, reading skills, and the extent of achievement in English and Mathematics. The schedule of dates for the administration of the entrance examinations will be given to each applicant upon the receipt of his application. An exception to the regulation is made for honorably discharged veterans of the United States armed forces (see page 13). An applicant may be requested to take the College Level Examinations (see page 18); this request will be made in conference with the Director of Admissions for the Evening Division. Should the applicant submit to CLEP a fee of twenty-five dollars (\$25.00) will be charged for taking the General Examinations.

Attendance at La Salle College is a privilege and not a right. The College, therefore, reserves the right to refuse admission to any applicant or to require the withdrawal of any student when it deems his presence among the student body inimical to the ideals of the College or to the observance of its regulations.

La Salle College does not discriminate against any applicant for admission to the College because of race, color, creed, or national origin. Admission to La Salle College is based solely upon an applicant's qualifications and ability to meet the educational and other established admission requirements.

PERIOD OF ADMISSION

Applicants will be accepted each year for the summer, fall and spring semesters beginning in May, September and January. A prospective student should file an application form and a transcript of his high school record or previous college record in the Admissions Office not later than the date shown in the Academic Calendar on page 4 of this Bulletin. The forms for application and high school transcript may be obtained from the Admissions Office, Evening Division and Summer Sessions, La Salle College, Philadelphia, Pennsylvania 19141.

CLASSIFICATION OF APPLICANTS

Students are admitted to the Evening Division, according to their qualifications, under the following classifications:

1. Candidates for the degree of Bachelor of Arts.
2. Candidates for the degree of Bachelor of Science in Applied Mathematics, Business Administration, Chemistry, or Electronic Physics.
3. Candidates for the Certificate of Proficiency in Business Administration or Sociology-Criminal Justice.
4. Candidates may be admitted as special or non-matriculant students to take isolated courses without reference to degree or certificate requirements. These applicants must conform to the general admission requirements and satisfy the Committee on Admissions that their qualifications, experience, and aptitude are adequate to follow the selected courses successfully.

ADMISSION REQUIREMENTS

Bachelor of Arts and Bachelor of Science Degrees

To qualify for admission as a candidate for the degree of Bachelor of Arts or Bachelor of Science, the applicant must satisfy the general requirements for admission, and his scholastic record must show the completion of sixteen units of study either in an accredited high school or by certification by a State Department of Education.

Of these sixteen units, at least ten should be distributed as follows:

English	4 units
History	1 unit
Mathematics	2 units
Modern Language (see below)	2 units
Natural Science	1 unit

The remaining six units may be distributed as follows:

- (1) Applicants for the Liberal Arts Program may present six additional units in academic subjects.
- (2) Applicants for curricula in Business Administration may present six additional units in academic or commercial subjects. Typing is not acceptable.
- (3) Applicants for curricula in Science may present six additional units in academic subjects. The units in Mathematics must include two in Algebra and one-half in Trigonometry.

Exceptions may be made to the secondary school requirements in those cases in which the applicant is otherwise well qualified, or in which a State Department of Education Equivalent High School Diploma has been obtained.

Certificate of Proficiency

The Certificate of Proficiency programs are intended for students who wish to spend only a few years in the Evening Division and who desire a course of study that will assist them in their particular field of interest or in their employment.

Programs of study leading to the Certificate of Proficiency are available in accounting, finance, management, marketing and sociology-criminal justice. The course requirements for the certificate programs are listed with the department's offerings and course descriptions.

Certificate students may transfer to the status of degree candidacy without loss of previously earned credit if they have met all requirements for degree candidacy at the time of admission. However, the College reserves the right to accept or reject for degree credit any course taken before the entrance requirements for the degree have been satisfied.

ADMISSION WITH ADVANCED STANDING

An applicant who has attended another college or university may be admitted with advanced standing credit according to the following conditions:

1. The college or university attended must be an accredited degree granting institution.
2. The previous college record of the applicant must indicate good academic standing. No applicant will be accepted whose transcript reads "Academic Probation," or "Academic" or "Disciplinary Dismissal."
3. Advanced standing credit will be granted only for courses which are applicable to the curriculum which the applicant plans to follow.
4. Advanced standing credit will be allowed only for courses in which certifying grades have been received. No credit will be granted for incomplete courses.
5. Whenever necessary, the College reserves the right to administer subject examinations to determine the applicants qualifications for placement in advanced courses.
6. La Salle College reserves the right to refuse admission with advanced standing for whatever reason it may deem proper.

7. Advanced standing is granted for specific semester credit hours, but not for grades received from another institution. Thus, a specific number of semester credit hours may be accepted from another institution, but the academic index of the student is determined only by grades achieved at La Salle College.
8. Applicants with Advanced Standing must have all credentials filed in the Admissions Office by the date given in the Academic Calendar (see page 4).

ADMISSION PROCEDURE

To be admitted to the Evening Division of La Salle College, the applicant who is entering college for the first time must comply with the following procedure:

1. Secure an Application for Admission form, complete it and return it together with the application fee of \$10.00 to the Admissions Office, Evening Division and Summer Sessions, La Salle College, Philadelphia, Pennsylvania 19141. (See page 14 for an explanation of the application fee.)
2. Obtain a High School Transcript form and send it to the high school from which you have graduated with a request that it be completed and returned to the Admissions Office, as directed on the form.
3. Upon the receipt of the application form, you will be notified of the dates and the nature of the entrance testing program, and of any further conditions which must be satisfied before you will be granted admission to the College.
4. The applicant will be notified finally of the decision of his admission.
5. A successful applicant will be notified of the dates of registration.

An honorably discharged veteran who has not attended any academically accredited institution since his discharge from the armed forces may be admitted to the Evening Division under a special policy. Under the Veterans Open Admissions Policy the applicant must comply with the following procedures:

1. Secure an Application for Admission form, complete it and return it together with the application fee of \$10.00 to the Admissions Office, Evening Division and Summer Sessions, La Salle College, Philadelphia, Pennsylvania 19141. (See page 14 for an explanation of the application fee). A photocopy of your DD-214 Form must be submitted with the Application for Admission.
2. Obtain a High School Transcript form and send it to the high school from which you have graduated with a request that it be completed and returned to the Admissions Office, as directed on the form. A photocopy of a State Equivalency Diploma may be submitted in lieu of a high school record.
3. Request a transcript from any college or university attended prior to your entering military service and have it sent to the Admissions Office.
4. Telephone the Admissions Office and arrange for a personal interview with the Director of Admissions for the Evening Division.
5. The applicant will be notified finally of the decision on his admission.
6. A successful applicant will be notified of the dates of registration.

PROCEDURE FOR ADMISSION WITH ADVANCED STANDING

Applicants who have attended another college or university must comply with the following admission procedure:

1. Secure an Application for Admission form, complete it and return it together with the application fee of \$10.00 to the Admissions Office, Evening Division and Summer Sessions, La Salle College, Philadelphia, Pennsylvania 19141. (See page 14 for an explanation of the application fee.)

2. Request the high school and the college or university which you have attended to send transcripts of your records to the Admissions Office, as directed on the form.
3. Upon the receipt of the application form, you will be notified of the dates and the nature of examinations which you may have to take, or of any further conditions which you must satisfy before admission.
4. The applicant will be notified of the action of the Committee on Admissions.
5. A successful applicant will be notified of the extent of advanced standing credit which you will be granted and of the dates of registration.

Expenses

La Salle College reserves the right to amend or add to the charges listed below at any time and to make such changes applicable to students presently enrolled as well as to new students.

APPLICATION FEE

An application fee of \$10.00 is charged and due at the time of filing the application for admission. This fee covers the cost of administering the entrance examinations or the evaluation of advanced standing credit. No refund will be made on this fee, regardless of the decision on admission.

TUITION

The tuition charge is based upon the number of semester credit hours taken in any semester. The charge is \$45.00 per semester credit hour.

The total tuition per term is due and payable at the time of registration.

ESTIMATED AVERAGE CHARGES

The charge for a two course six semester hour program of studies per semester is \$252.00; for a two course seven semester hour program of studies per semester, \$294.00; two courses, eight hours, \$336.00. This charge does not include the cost of books and supplies. These items average about \$30.00 per semester.

INCIDENTAL FEES

Transcript Fee

Students may apply at the Registrar's Office, Evening Division and Summer Sessions, for a transcript of their collegiate work. A fee of \$1.00 is charged for an official transcript. When several copies are requested at the same time, the fee is \$.50 for each additional copy. The College requires at least one week's notice for the issuance of transcripts. No transcripts can be issued until all financial obligations to the College have been satisfactorily settled.

Science Laboratory Fee

A science laboratory fee of \$5.00 is charged for each course in biology, chemistry, and physics involving laboratory instruction. This fee is used to defray the cost of laboratory supplies such as chemicals, glassware, and other laboratory equipment.

Certificate Fee

A fee of \$20.00 is payable by each candidate for the Certificate of Proficiency.

Graduation Fee

A graduation fee of \$40.00 is payable before graduation by each candidate for a degree. This fee is to cover the cost of the diploma, the use of cap and gown, the Senior yearbook, *The Explorer*, and all other expenses incidental to commencement exercises.

PENALTY FEES

Change of Roster

After registration has been completed, a penalty of \$5.00 is charged for each course change. All course changes and roster revisions must be made on or before the final date for change of roster shown in the Academic Calendar.

Late Registration

Students are required to complete their course registration within the period set forth in the Academic Calendar. Late registration is permitted only with the permission of the Dean and upon the payment of a fee of \$10.00.

Late Examination

Students who are absent for examinations during a semester and who then have the examination(s) administered through the Dean's Office will be required to pay a \$3.00 late examination fee.

Special Final Examination

Students are expected to take their final examinations during the regular examination period. If permission is granted for a special final examination, the payment of a fee of \$5.00 for each examination is required.

FINANCIAL ARRANGEMENTS

Payment of tuition is part of the registration procedure. Approval for admission into class will not be granted until all financial matters have been settled.

To expedite registration, payment by check, or money order, is preferred. Where possible, the amount of cash, check, or money order, should be prepared in the exact amount of the tuition charge.

In lieu of payment by cash, check, or money order, tuition may be paid through the Bank Loan Plan or the National Defense Student Loan Program (NDEA).

When the Bank Loan Plan or the NDEA Grant are used, application must be obtained in advance of registration. The completed NDEA application must be presented for approval before the time of registration.

Where tuition is paid in a combination of cash and Bank Loan, both the cash and Bank Loan Application must be presented at the time of registration.

Students receiving financial assistance from their employers are required to meet their financial obligations to the College in the same manner as all other students.

Students receiving Veterans Educational benefits are responsible for the entire amount of tuition at the time of registration.

La Salle College Bank Loan Plan

A Bank Loan Plan is provided by the College for those students who prefer to pay their tuition charges on a monthly basis. These students are required to enter into a contract whereby they agree to pay the full amount of their tuition in five equal installments at the end of each month of the college semester. A \$7.00 service charge is included in the prorated repayment.

Complete information regarding the Bank Loan Plan may be obtained at the Bursar's Office of the College. No other plan for paying tuition on a deferred basis will be acceptable.

Students who have not paid their tuition at the time of registration, or who have not presented a Bank Loan Application in lieu thereof, will not be included on the class roll until such payment has been accomplished.

National Defense Student Loan Program

La Salle College Evening Division participates with the United States Government in providing a limited fund for the purpose of making student loans under the provisions of the National Defense Education Act.

To be eligible for the NDEA Loan, an Evening Division student must:

- 1) Have completed at least six semester hours as a regularly matriculated degree candidate in the Evening Division;
- 2) Be in good standing academically in the Evening Division;
- 3) Pursue a minimum of eight semester hours of study during the semester for which the loan is granted.

The student may borrow up to five hundred dollars a year for tuition only. The repayment period begins 9 months after the student completes his course work and extends over ten years. Interest at 3% per year begins to accrue at the beginning of the repayment period. During periods of service in the Armed Forces or the Peace Corps (up to three years), no interest will accrue and no repayment is required. The borrower's obligation to repay his loan is to be cancelled in the event of his death or permanent and total disability. If a borrower becomes a full-time teacher in a non-profit school or college, a maximum of 50% of the unpaid balance (plus interest) may be cancelled at the rate of 10% for each year of teaching.

Law Enforcement Education Program

This federal assistance program is designed to help improve the nation's criminal justice system—police, courts, and corrections—by enhancing the quality of criminal justice personnel through opportunities for higher education.

Loans as well as grants are available to La Salle College Evening Division students enrolled in a degree program of study directly related to law enforcement.

Information and application forms for these programs may be obtained from Frank B. McKeogh, Financial Aid Officer. The Financial Aid Office is located at 1801 W. Olney Ave., Philadelphia, Pa. 19141.

Financial Obligations

At the time of registration, each term, the student contracts for the full amount of his tuition regardless of the arrangement for payment. If a student who elects to pay his tuition through the College Bank Loan Plan withdraws from the College, or from one or more courses before the end of the term, he is liable for the full amount of the tuition. Information pertaining to tuition, finances, and financing should be sought from The Bursar's Office. The telephone number for the Bursar's Office is 848-8300; Ext. 224.

Financial Delinquency

A student who is financially delinquent or against whom the College holds a record of indebtedness shall forfeit the privilege of attending class, and the College shall have the right to withhold report of grades, transcript of record, and diploma of graduation until such indebtedness is paid. A student who is financially delinquent at the close of a semester will not be permitted to register for a succeeding semester unless his account is settled.

Academic Policies and Procedures

REGISTRATION

Students shall register for each semester in accordance with the registration schedule as set forth in the official calendar shown on page 4 of this Bulletin. Detailed instructions for registration and for the rostering of courses are supplied prior to registration.

The rostering of courses shall be done under the direction of the Dean and his assistants.

Registration after the scheduled time must be approved by the Office of the Dean and shall, if approved, be considered as a late registration subject to a fee.

Upon the completion of registration, the student is officially enrolled in the courses for which he is rostered, and is financially responsible for the tuition charges. A student who registers during the late registration period is admitted to class by presenting the proper Class Admission Form issued to him at the time of his registration. To be valid the Class Admission Form must be stamped with the name of the Dean. It is the responsibility of the student to follow correctly the procedures for registration and admission to class.

ROSTER REQUIREMENTS

Students in the Evening Division who maintain a satisfactory academic index are permitted to schedule a maximum of twelve credit hours in any semester. Well over sixty percent of the students, however, roster six credit hours each semester, and a number of students choose to take only three credit hours. The number of courses which a student is permitted to take is dependent upon his ability, his past academic record, his program of study, and the time at his disposal for study. Additional checks on academic hours which students may take in any semester include a system of scheduling classes so that greater intervals are guaranteed between each class meeting.

GENERAL ROSTER PLAN

Classes are scheduled for 150 or 180 minutes each week, dependent on whether the course is a three semester credit class or a four semester credit class. Most classes meet twice a week; each session is for seventy-five or ninety minutes, again dependent on whether the course itself is a three or four semester hour course. Some classes meet only once a week for a double-period on one evening, or on Saturday morning.

The schedule for classes is as follows:

Four semester hour courses
1st period: 5:30 to 7:00 P.M.
2nd period: 7:10 to 8:40 P.M.
3rd period: 8:45 to 10:15 P.M.
Saturday 9:00 A.M. to 12:00 Noon

Three semester hour courses
1st period: 5:45 to 7:00 P.M.
2nd period: 7:10 to 8:25 P.M.
3rd period: 8:45 to 10:00 P.M.
Saturday 9:00 A.M. to 11:30 A.M.

The principal exception to this schedule occurs in rostering laboratories for Biology and for Chemistry. These exceptions, as well as the detailed, complete class schedule for each course offered, are set forth in the flyer on class schedules which each student receives.

Classes are scheduled Monday through Thursday evening and on Saturday morning. A typical student roster of two courses might be chosen by following course offerings on Monday and Wednesday or Tuesday and Thursday evenings.

The academic calendar for the 1973-74 scholastic year appears on page 4 of this Bulletin. As already noted, specific time listings for individual course offerings in any one semester may be had by applying to the Evening Division Office for the "Roster of Courses."

CHANGE IN COURSE

The student is responsible for following the sequence of courses for the curriculum of his major field of study. If changes are desired, approval must be obtained from the Office of the Dean.

CHANGE IN MAJOR

An Evening Division student who wishes to change major curriculum must file a written request for Change of Major in the office of the Dean and arrange for an interview with the chairman of the department to which he is transferring. In this interview the requirements to be met in the new major and a transfer of course work from the prior major will be finalized.

CREDIT FOR OFF-CAMPUS COURSES

Course work taken at other institutions by regularly enrolled students of the Evening Division may not be offered for credit unless the student has had written permission in advance from the Dean to take such courses. It is the responsibility of the student to request a transcript of credit for off-campus courses for inclusion in his record at La Salle College.

COLLEGE-LEVEL EXAMINATION PROGRAM (CLEP)

The La Salle College Evening Division participates in the College-Level Examination Program sponsored by the College Entrance Examination Board. CLEP is designed to enable the adult student to demonstrate competencies he has acquired in various academic disciplines without having attended formal college classes.

The Program's chief purpose, then, is to enable a student who has reached the college level of education in any nontraditional way to assess the level of his achievement and to seek college credit through the testing results.

Two kinds of examinations exist in the program:

General Examinations—these measure achievement in five basic areas of the liberal arts—English Composition, Humanities, Mathematics, Natural Sciences, and Social Sciences-History.

Subject Examinations—these measure achievement in specific college subjects. The subject examinations are designed to be particularly relevant to the kind of academic experience a student can be expected to have had in a traditional college setting. A large number of subject examinations are offered in introductory subjects in the areas of the Liberal Arts, Business and the Sciences.

Candidates for admission and matriculated Evening Division students who wish detailed information about CLEP and the College's policy on awarding credit through CLEP should confer with Mr. John King in the Evening Division Admissions Office.

The CLEP Program may not be used to raise a low grade received in a course taken here or elsewhere, nor may it be used to erase an unsatisfactory score received in a previous try at the examination.

When a student receives a satisfactory score in a Subject Examination or in any part of the General Examinations credit is awarded and posted on his permanent record. Credit granted through CLEP will be posted on the student's record after he has completed two courses in the La Salle College Evening Division. These credits are not computed in determining his cumulative index. Grades are not given.

ATTENDANCE POLICY

Students are expected to attend classes regularly. Cumulative or consecutive absences of more than two weeks in any course may be regarded as excessive. Attendance is counted from the first regular class meeting regardless of the time of registration.

The student is responsible for reporting to his instructor the reason for each absence. If an absence can be foreseen, the report should be made before the absence; otherwise, it should be made immediately thereafter. Students who fail to report reasons for absence cannot expect consideration if the number of absences becomes excessive.

A student who, in the judgment of his instructor, has been absent excessively must withdraw from the course.

WITHDRAWAL

After the completion of registration, a student shall be considered to be in attendance unless an official statement of withdrawal is received from him. Ceasing to attend class or submitting a statement of withdrawal to an Instructor does not constitute an official notice of withdrawal.

Students who find it necessary to withdraw from one or more courses are required to submit a signed statement of withdrawal to the Office of the Dean. The withdrawal statement may be made in one of the following ways: the submission of a letter; the completion of a withdrawal form in the Evening Division Office. Unsupported telephoned statements are not acceptable. Regardless of the manner by which a withdrawal statement is made, it must list the course or courses from which the student is withdrawing, give adequate reasons for the withdrawal, and bear the signature of the student.

The date of filing the statement of withdrawal shall be considered, in all cases, the date of actual withdrawal. Previous statements of reasons for absence or non-attendance shall not be a cause for predating a withdrawal.

If a student withdraws before the last date of the allowable withdrawal period, his record for the course will be marked W (withdrawn). The final date for withdrawal is published in the Academic Calendar. If he withdraws after the final date for withdrawal, his record will be marked F (failure) unless his withdrawal has been caused by unusual circumstances and has the approval of the Dean.

A student who withdraws without submitting an official statement of withdrawal shall forfeit the privilege of reentering the Evening Division.

The financial obligations of a student who withdraws are stated on page 16 under the section "Financial Obligations."

EXAMINATIONS

Examinations are given at any time during the course at the discretion of the instructor, at mid-semester, and at the conclusion of the semester.

Final examinations are conducted only at the times published in the examination schedule which is issued each semester.

No credit will be given for any subject until the final examination has been completed successfully.

Any student who, because of unavoidable absence, is unable to take the final examination as scheduled must file a written request for a special final examination in the Office of the Dean. No special final examination will be administered without the approval of both the instructor and the Dean. Each special final examination is subject to a fee of \$5.00. Special examinations during any semester are individually subject to a fee of \$3.00. The student must arrange, through the Office of the Dean, to take any special examination. Special examinations are usually scheduled on Friday evenings throughout the semester.

GRADES

A permanent record of a grade for each course is made only at the end of each term. The final course grade is determined from recitations and examinations during the course and the final examination.

Grades are recorded in alphabetical symbols as follows: A indicates excellent; B indicates superior; C indicates satisfactory work; D indicates a minimum passing grade; F indicates a failure; I indicates an incomplete grade and that certain course assignments, tests, final examination, etc., have not been performed or taken; W indicates that the student withdrew from the course before the end of the allowed withdrawal period; NR indicates that the Instructor had not reported a grade for the student by the final date for posting grades. (The student should contact the Instructor directly for final grade.)

A separate grading system is used for English 010E (Fundamentals of English Composition) and the Readings Courses (Humanities 100E—Readings in the Humanities and Humanities 105E—Readings in Urban America). At the end of these courses, a student receives a P (passed) or F (failed).

PASS-FAIL OPTION

A student may opt to take two elective courses on a pass-fail basis. An application for pass-fail grade must be filed in the Office of the Dean not later than the date given in the Academic Calendar (see page 4). Grades received under the pass-fail option do not affect one's cumulative index.

SCHOLASTIC DEFICIENCIES

Conditions or re-examinations are not given. To remove an incomplete grade, the student must complete the required work under the supervision of his instructor. Incomplete grades must be removed not later than three weeks after the date of the final examinations; otherwise, they become failures. It is the responsibility of the student to arrange for the removal of such grades.

A student whose final grade in a required course is a failure must repeat the course.

ACADEMIC STANDING

The academic standing of a student is determined by computing a cumulative scholastic index or average of grades by assigning a grade point value to each

letter grade according to the following system: A = 4, B = 3, C = 2, D = 1, F = 0, grade points per credit hour. An "A" grade for a four credit hour course equals 16 grade points; a "B" grade for a four credit hour course equals 12 grade points; a "C" grade for a four credit hour course equals 8 grade points; and a "D" grade for a four credit hour course equals 4 grade points. No grade points are given for "F" grades. The cumulative scholastic index or average of grade is equal to the sum of all grade points divided by the total number of credit hours attempted, including hours for which an "F" grade was earned. Again, the P or F grade received under the pass-fail option is not considered in computing the cumulative index.

To be in good academic standing, a student must have a minimum cumulative scholastic index of 2.00. In addition, he must satisfy the scholastic requirements for his major program of study. Students' records are evaluated for academic standing each year at the end of the spring semester.

DEAN'S HONOR LIST

The Dean's Honor List is published at the beginning of the fall semester each year.

Those students who have earned a cumulative average of 3.40 are eligible for the Dean's List. In addition, they must have complied with all the regulations of the College and have earned at least 30 credit hours.

An Academic Convocation for Dean's List students is held in the fall semester. At this convocation, honorary degrees are conferred, Dean's List students are recognized; and they, as well as their families, have the opportunity to meet informally with the faculty and the administration.

POLICY ON ACADEMIC PROBATION AND ACADEMIC DISMISSAL

The cumulative average is computed by dividing the total number of credit hours attempted into the total number of grade points earned. The number of credit hours attempted must include the hours of failures which have not been removed by subsequently earning passing grades.

A student is on academic probation when his cumulative average is less than:

1. 1.00 at the completion of 15 semester credit hours
2. 1.50 at the completion of 30 semester credit hours
3. 1.75 at the completion of 60 semester credit hours
4. 1.90 at the completion of 90 semester credit hours

A student on academic probation is subject to academic dismissal:

1. When his cumulative average is less than
 - A. 1.00 at the completion of 30 semester credit hours
 - B. 1.50 at the completion of 60 semester credit hours
 - C. 1.75 at the completion of 90 semester credit hours
2. If he remains on academic probation for four successive semesters.

Students on academic probation may take no more than two courses and are recommended to take only one course until the academic probation has been removed.

A course in a major area of subject concentration may be repeated only once.

At the completion of eighty-five semester hours, a student must have an academic index of 2.00 ("C" average) in his major before he will be permitted to accumulate additional semester hours. He may repeat courses for three semesters in order to better his academic index; if, at the end of the three semesters, he has not shown distinct improvement he will be dismissed from the Evening Division.

HONORS

The bachelor's degree with honors is conferred on a student who has completed his course requirements at the College with an average of all grades not lower than 3.40 and who has not incurred any academic censure.

The candidate for the bachelor's degree who has earned an average of 3.80 or better in all courses is graduated with the designation *Maxima Cum Laude*.

The candidate who has earned an average between 3.60 and 3.79 is graduated with the distinction *Magna Cum Laude*.

The candidate who has earned an average between 3.40 and 3.59 is graduated with the distinction *Cum Laude*.

REQUIREMENTS FOR A DEGREE

The candidate for a degree must have completed course work equivalent to a minimum of 120 semester hours with a cumulative index of 2.00.

He must have obtained a "C" average or cumulative index of 2.00 in his major.

He must have fulfilled all course requirements prescribed for him by the Dean of the Evening Division in his major curriculum.

He must have fulfilled the requirements in Philosophy and Religion.

A minimum of twelve terms of collegiate study or its equivalent is required for a degree. The final three terms of 30 semester credit hours must be completed in the Evening Division of La Salle College.

The student is personally responsible for filing an Application for Graduation form one year before the date on which he anticipates receiving his degree.

REQUIREMENTS FOR A CERTIFICATE OF PROFICIENCY

The Certificate of Proficiency is granted in the following curricula only: Accounting, Finance, Management, Marketing, Sociology-Criminal Justice.

The candidate for a Certificate of Proficiency must have completed course work equivalent to a minimum of 60 semester credit hours.

He must have obtained a "C" average or cumulative index of 2.00 in all courses which are required for the certificate.

He must have fulfilled all course requirements in his major curriculum prescribed for him by the Dean of the Evening Division.

The student is personally responsible for filing an Application for the Certificate of Proficiency one year before the date on which he anticipates receiving his certificate. Candidates for the Certificate of Proficiency do not participate in the Commencement Exercises. Upon completion of the above requirements the candidate may obtain his certificate at the Dean's office.

The Curriculum

During the last two years, Committees of Administrators, and Faculty and Students have been involved in reviewing and revising the program requirements in the seventeen degree programs offered in the Evening Division. These Committees had a two-fold aim: to respond to the Carnegie Commission on Higher Education's recommendation that beginning college studies "be made more challenging and useful" and to allow the student to shape, in large measure, his own educational program.

The work of these Committees has resulted in revised requirements and programs in each major area of study.

The Evening Division's new curriculum enables the student to pursue an academically valid general education and an in-depth study in a major academic field. The highly flexible program preserves the elements of a common intellectual experience appropriate to a liberal arts college; at the same time, it affords the mature student freedom and choice in designing an educational experience that might enable him to develop his abilities, to progress in his employment, and to prepare for his career objectives.

The curriculum for Liberal Arts and Science majors is structured into four parts:

- 1—General Education
- 2—Distribution Requirements
- 3—Departmental Requirements in Major
- 4—Elective Courses

The curriculum for Business Administration majors is structured into five parts:

- 1—General Education
- 2—Distribution Requirements
- 3—Business Core
- 4—Professional Studies
- 5—Elective Courses

The General Education courses concern themselves with the basic skill of written communication and with such value-oriented subjects as literature, religion, and philosophy. These departments offer several courses which can be chosen to fulfill the General Education requirement. Courses in General Education are specifically outlined and precede the English, Foreign Language, Philosophy, and Religion Departments' offerings in the Course Descriptions section of this Bulletin.

The range of choice is further widened by the Distribution Requirement. Courses offered under this requirement help provide some depth outside your major field and also offer a measure of flexibility so that you can shape your program in accord with your interests.

The number of courses each department requires of its majors will normally not exceed fifteen (15), leaving nine (9) courses to be used as electives. Some departments require their majors to take courses outside their primary field. Students may present such courses in fulfillment of Distribution Requirements. The requirements in each major precede that department's offerings in the Course Descriptions section of this Bulletin.

The Programs in Business Administration have these further divisions:

The Business Core —A series of ten (10) courses designed to acquaint the business major with the varied influences, methods, and techniques of modern business practice.

Professional Studies—A series of four (4) courses designed to give in-depth understanding in one area of business.

The College recommends that students planning graduate studies acquire a good background in languages, since most graduate schools require a knowledge of one or two foreign languages before granting higher degrees.

The following pages provide a detailed program outline and a Curriculum Progress Chart for Liberal Arts Major, for Science Majors, and for Business Administration Majors. These pages should serve as a clear reference for degree requirements and a handy record of one's academic progress. The matriculated student is strongly encouraged to consult with the Dean, the Assistant Dean, or Department Chairman for a review of his academic status and to be assured of meeting the courses and hours required for graduation.

New students should arrange for an interview with the Director of Admissions for the Evening Division.

Bachelor of Arts

A program leading to the Bachelor of Arts degree consists of 120 credits about one-third of which are taken in a major field of study. The Degree of Bachelor of Arts is offered in economics, education, English, history, humanities, psychology, and sociology. Within these majors the College offers programs designed as preparation for elementary and secondary teaching and work in criminal justice.

The curriculum for Liberal Arts students has four parts:

- 1—General Education—8 courses
- 2—Distribution Requirements—8 courses
- 3—Major Requirements—15 courses
- 4—Electives—9 courses

GENERAL EDUCATION REQUIREMENTS

English Composition	2 semesters
Literature	2 semesters
[English or foreign language in translation.]	
Philosophy	2 semesters
Religion	2 semesters

DISTRIBUTION REQUIREMENTS

Two courses in four of the areas below, exclusive of courses in your major.

<i>Area I</i>	<i>Area II</i>	<i>Area III</i>	<i>Area IV</i>	<i>Area V</i>
English	Foreign Languages	Art	Economics	Biology
History	Mathematics	Music	*Humanities	Chemistry
		Philosophy	Political Science	*Humanities
		Religion	Psychology	Physics
			Sociology	

MAJOR REQUIREMENTS

Requirements for majors in each department are listed along with that department's course descriptions, beginning on page 31 of this catalog.

ELECTIVES

You may use your elective courses in whatever way you choose, grouping them to build a strong minor or using them to diversify your background or broaden your interests.

*See Curriculum Progress Chart—Area IV and Area V

CURRICULUM PROGRESS CHART

Keep track of your academic progress. At the end of each semester, fill in the title and number of each course which you have completed. Take this record with you when you report for academic counseling.

General Education (8 courses)

English Composition (see page 46)

1. _____
2. _____

Literature or Literature in Translation

(see page 46 and page 50)

1. _____
2. _____

Philosophy (see page 67)

1. _____
2. _____

Religion (see page 72)

1. _____
2. _____

Major Requirements

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____

Distribution Requirements (8 courses)

Select 2 courses from 4 of the 5 areas

Area 1 [English, History]

1. _____
2. _____

Area 2 [Foreign Language, Mathematics]

1. _____
2. _____

Area 3 [Art, Music, Philosophy, Religion]

1. _____
2. _____

Area 4 [Economics, Political Science,
Psychology, Sociology]

[With permission of the Dean: Education
201E, 202E, Humanities 105E]

1. _____
2. _____

Area 5 [Biology, Chemistry, Physics]

[With permission of the Dean: Humanities
201E, 202E, Sociology 303E]

1. _____
2. _____

Electives

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____

Degree Requirement: 120 credits properly distributed in these four divisions

Bachelor of Science

The Bachelor of Science degree consists of 120 credits properly distributed in the four areas of the degree program. The Bachelor of Science degree is offered in Chemistry, Electronic Physics, and Mathematics; a program in Education-Mathematics and a program in Applied Mathematics are available options in the Mathematics Department.

The curriculum for Science students has four parts:

- 1—General Education—8 courses
- 2—Distribution Requirements—8 courses
- 3—Major Requirements—15 courses
- 4—Electives—9 courses

GENERAL EDUCATION REQUIREMENTS

English Composition	2 semesters
Literature	2 semesters
[English or foreign language in translation.]	
Philosophy	2 semesters
Religion	2 semesters

DISTRIBUTION REQUIREMENTS

Eight courses in four of the areas below, exclusive of courses in your major.

<i>Area I</i>	<i>Area II</i>	<i>Area III</i>	<i>Area IV</i>	<i>Area V</i>
English	Foreign Languages	Art	Economics	Biology
History	Mathematics	Music	*Humanities	Chemistry
		Philosophy	Political Science	*Humanities
			Psychology	Physics
			Sociology	

MAJOR REQUIREMENTS

Requirements for majors in each department are listed with each major department's course descriptions, beginning on page 31 of this catalog.

ELECTIVES

You may use your elective courses in whatever way you choose, grouping them to build a strong minor or using them to diversify your background or broaden your interests.

*See Curriculum Progress Chart—Area IV and Area V

CURRICULUM PROGRESS CHART

Keep track of your academic progress. At the end of each semester, fill in the title and number of each course which you have completed. Take this record with you when you report for academic counseling.

General Education (8 courses)

English Composition (see page 46)

1. _____
2. _____

Literature or Literature in Translation

(see page 46 and page 50)

1. _____
2. _____

Philosophy (see page 67)

1. _____
2. _____

Religion (see page 72)

1. _____
2. _____

Major Requirements

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____

Distribution Requirements (8 courses)

Select 8 courses from 4 of the 5 areas

Area 1 [English, History]

1. _____
2. _____

Area 2 [Foreign Language, Mathematics]

1. _____
2. _____

Area 3 [Art, Music, Philosophy, Religion]

1. _____
2. _____

Area 4 [Economics, Political Science,
Psychology, Sociology]

[With permission of the Dean: Education
201E, 202E, Humanities 105E]

1. _____
2. _____

Area 5 [Biology, Chemistry, Physics]

[With permission of the Dean: Humanities
201E, 202E, Sociology 303E]

1. _____
2. _____

Electives

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____

Degree Requirement: 120 credits properly distributed in these four divisions



Bachelor of Science in Business Administration

A program leading to a Bachelor of Science degree in Business Administration consists of 120 credits about half of which may be taken in Business and Economics courses. The program is designed to provide for the educational needs of students already employed in business and for those planning on entering graduate schools. While keeping in mind the students' age, experience, educational and employment goals, the program prepares the student for managerial responsibility and provides an enduring base for his personal development.

The curriculum for Business Administration students has five parts:

- 1—General Education—8 courses
- 2—Distribution Requirements—8 courses
- 3—Business Core—10 courses
- 4—Professional Studies—4 courses
- 5—Electives—10 courses

GENERAL EDUCATION REQUIREMENTS

English Composition	2 semesters
Literature	2 semesters
[English or foreign language in translation.]	
Philosophy	2 semesters
Religion	2 semesters

DISTRIBUTION REQUIREMENTS

Certain courses within Areas II and IV must be selected by all students in Business Administration programs.

Business Administration students may choose two courses from two of the three areas: Area I, III, or V.

Area I	Area II	Area III	Area IV	Area V
English	Mathematics ¹	Art	Economics ²	Biology
History		Music		Chemistry
		Philosophy		*Humanities
		Religion		Physics

BUSINESS CORE

Course work consists of study in the several areas of business practice and in analytical methods and techniques. This foundation is intended to develop a broad understanding of business problems. The following courses constitute the core:

Accounting 101E, 102E; Economics 213E, 301E; Finance 201E, 202E; Law 201E or Law 202E; Management 201E, 202E; Marketing 201E.

ELECTIVES

You may use your electives in whatever way you choose, either grouping them to build a strong minor or using them to diversify your background or broaden your interests. To achieve a balance between liberal arts and professional studies, the College recommends that you take no more than 4 courses in Business Administration and Economics as elective courses.

PROFESSIONAL STUDIES

The professional option consists of 12 credits in a functional area beyond the courses required in the Business core. An exception to the 12 credit requirements is the Accounting Option, for which a set of course requirements has been established as necessary preparation for the Certified Public Accounting examination in Pennsylvania. Courses required of the Accounting Major are listed with the Accounting Department's course offerings in the Course Descriptions section of this Bulletin.

You may choose your professional option when you apply for admission or at some time during your first two years of college.

*See Curriculum Progress Chart—Area IV and Area V

¹Business students must take Mathematics 101E, 102E or two advanced courses. They must also take Computer Science 151E or equivalent.

²Economics 101E, 102E is required of Business students.

CURRICULUM PROGRESS CHART

Keep track of your academic progress. At the end of each semester, fill in the title and number of each course which you have completed. Take this record with you when you report for academic counseling.

General Education (8 courses)

- English Composition (see page 46)
1. _____
 2. _____
- Literature or Literature in Translation
(see page 46 and page 50)
1. _____
 2. _____
- Philosophy (see page 67)
1. _____
 2. _____
- Religion (see page 72)
1. _____
 2. _____

Business Core

Accounting	101E	Law	201E or 202E
	102E	Management	201E
Economics	213E	Marketing	202E
	301E		201E
Finance	201E		
	202E		

Professional Studies

1. _____
2. _____
3. _____
4. _____
- *5. _____
- *6. _____
- *7. _____
- *8. _____

(*Accounting Major)

Distribution Requirements (8 courses)

- Select 2 courses from areas 1, 3, 5.
- Area 1 [English, History]
1. _____ 2. _____
- *Area 2 [Mathematics]
1. _____ 2. _____
 3. _____
- Area 3 [Art, Music, Philosophy, Religion]
1. _____ 2. _____
- *Area 4 [Economics]
1. _____ 2. _____
- Area 5 [Biology, Chemistry, Physics]
[With permission of the Dean: Humanities
201E, 202E, Sociology 303E]
1. _____ 2. _____
- *Must be taken by Business Major.

Electives

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

Degree Requirement: 120 credits properly distributed in these five divisions

Description of Courses

The courses listed below ordinarily will be given when there is a minimum enrollment of 12 students.

ACCOUNTING

Joseph G. Markmann, B.S., C.P.A., Chairman

The Professional Option in Accounting consists of the following courses beyond the introductory courses: Accounting 201E, 202E, 303E, 405E, 408E, 3 advanced courses selected in consultation with the Department Chairman.

The Certificate of Proficiency in Accounting: Accounting 101E, 102E, 201E, 202E, 408E; Economics 302E; English 101E, 102E; Finance 201E, 202E; Law 201E or 202E; Management 201E, 202E; Mathematics 101E, 102E; Philosophy—1 course from General Education offerings; Religion—1 course from General Education offerings; Electives—2 courses.

ACCOUNTING 101E (Acc.1) PRINCIPLES OF ACCOUNTING. 3 credits

Training in the fundamental principles of recording business transactions, including a study of the presentation and interpretation of the financial data of a single proprietorship, partnership and corporation. Fall and Spring semesters

ACCOUNTING 102E (Acc.2) MANAGERIAL ACCOUNTING.

Prerequisite, Accounting 101E 3 credits

The relationship between understanding accounting procedures and using accounting data effectively; the interrelationships between financial statements and the methods of accumulating data for these statements and how the particular accounting methods used influence business decisions. Problems include depreciation methods, inventory valuation, alternative methods of obtaining capital and the measurement and control of costs within the corporate entity. Fall and Spring semesters

ACCOUNTING 201E (Acc.14) ACCOUNTING THEORY—PART 1.

Prerequisite, Accounting 102E 3 credits

The general purpose of both parts of this course is to present the theories and problems, beyond the elementary level, which involve the proper recording of transactions and the preparation of financial statements. The first part comprises a review of the accounting cycle; a general discussion of the preparation of financial statements; a detailed analysis of theory as applied to transactions affecting current assets, current liabilities, long-term investments, and their presentation on the balance sheet. Fall and Spring semesters

ACCOUNTING 202E (Acc.24) ACCOUNTING THEORY—PART 2.

Prerequisite, Accounting 201E 3 credits

The second part of Accounting Theory includes a detailed presentation of theory as applied to plant and equipment, intangible assets, long-term debt, capital stock and surplus; the correction of errors of prior periods; an analysis of financial statements; and the statement of application of funds. Fall and Spring semesters

ACCOUNTING 303E (Acc.3) PRINCIPLES OF COST ACCOUNTING.

Prerequisite, Accounting 102E

3 credits

Elementary Cost Accounting is designed to acquaint the student with the basic principles applied to the job cost and process cost systems, and with the uses and interpretations of cost information. The principal topics are the purchasing and issuing of materials and the maintenance of perpetual inventory records; control of labor; methods of distributing factory overhead expenses; evaluation of the problems involved in shrinkage and idle time; consideration of the forms used in the job and process cost systems; and discussion of the necessity, importance and place of cost accounting in modern enterprises. Fall and Spring semesters

ACCOUNTING 304E (Acc.5) AUDITING.

Prerequisite, Accounting 202E

3 credits

A practical presentation of modern audit practices, emphasizing the principles and objectives of an audit. Analysis of the audit basis, the best standards, objective reporting, the adoption of improved accounting standards, business controls, professional ethics and legal liability. Fall and Spring semesters

ACCOUNTING 310E FINANCIAL STATEMENT ANALYSIS.

Prerequisite, Accounting 102E

3 credits

Comparative analyses by percentages, ratios, trends, graphic reports and projections applicable to the balance sheet and income statement. Structure and meaning of accounts and peripheral statements such as application of funds and breakeven analysis. Fall and Spring semesters

ACCOUNTING 313E (Acc.6) ADVANCED COST ACCOUNTING.

Prerequisite, Accounting 303E

3 credits

Advanced Cost Accounting extends the objectives of the elementary course for students who intend to work in the field of industrial accounting. The course covers the economic, industrial and managerial aspects of cost accounting with emphasis on the flexible budget as a basis for cost control and on the analysis of variance and graphic charts. Special emphasis is placed on the study of estimated costs, standard costs and distribution costs. Fall semester

ACCOUNTING 405E (Acc.17) ADVANCED ACCOUNTING THEORY AND PROBLEMS—PART 1.

Prerequisite, Accounting 202E

3 credits

A study of home office and branch accounting; mergers; acquisitions and preparation of consolidated financial statements; foreign operations; government accounting. Fall and Spring semesters

ACCOUNTING 406E (Acc.27) ADVANCED ACCOUNTING THEORY AND PROBLEMS—PART 2.

Prerequisite, Accounting 202E, 313E or approval of Dept. Chairman

3 credits

A study of special topics in accounting theory including partnerships; installment sales; estate and trust; and insolvency in connection with realization and liquidation. Students who have not had Accounting 313E should confer with the department chairman before rostering this course. Fall and Spring semesters

ACCOUNTING 408E (Acc.8) TAXATION OF INDIVIDUALS.

3 credits

The primary purpose of this course is to give a comprehensive explanation of the federal structure as it applies to individuals and to provide experience in the application of tax principles to specific problems. The course covers the following topics: types of returns; rates; business and personal income; sales and exchange; business and personal deductions; and withheld and prepaid taxes. Fall semester

ACCOUNTING 413E (Acc.13) BUDGETARY PLANNING AND CONTROL.

3 credits

The course provides a study of the principles of business planning for financial control of future operations through the use of budgetary systems. Each section of the budget is treated, the various sections are assembled, and a master budget is prepared. Types and uses of budgets

are discussed. Students who have not had Accounting 313E should confer with the Department Chairman before rostering this course. Spring semester

ACCOUNTING 418E (Acc.10) CORPORATE AND OTHER TAXATION. 3 credits

The course in Corporate and Other Taxation includes a review of the federal revenue system; partnership; federal corporate income tax; federal estate and federal gift taxes; State of Pennsylvania corporation taxes; City of Philadelphia taxes. Spring semester

ACCOUNTING 419E (Acc.9) ADVANCED ACCOUNTING PROBLEMS.

Prerequisite, Accounting 406E 3 credits

This course is a review of advanced material covering the entire accounting field. The problems considered include partnership liquidations, fiduciary accounting, consolidations, federal and state taxes, municipal accounting and other problems. Fall semester

ANTHROPOLOGY

SOCIOLOGY 303E (Hum.40) CULTURAL ANTHROPOLOGY. 3 credits

A cross-cultural study of the influence of culture in explaining human behavior in primitive and modern societies. Fall semester, 1973

ART

ART 101E (Hum.21) ELEMENTS OF ART. 3 credits

Aesthetic analysis of the elements of painting and sculpture; application of principles to several major artists. Spring semester

BIOLOGY

BIOLOGY 153E (Bio.17) GENERAL BIOLOGY—PART 1. 3 credits

The first part of a two semester laboratory course in the structure and metabolism of seed plants and vertebrate animals; a brief survey of the plant and animal kingdoms. Consideration of evolution, ecology, and genetics for both plants and animals. Fall semester

BIOLOGY 154E (Bio.18) GENERAL BIOLOGY—PART 2. 3 credits

The continuation of Biology 153E. Spring semester

BUSINESS LAW

See Law, page 58.

CHEMISTRY

Curriculum Accredited by the American Chemical Society

Robert K. Preston, Ph.D., Chairman

Requirements for Major in Chemistry (20 courses)

- Chemistry 101E, 102E, 201E, 202E, 301E, 302E, 305E, 402E, 403E, 481E and two advanced courses in Chemistry selected in consultation with the Department Chairman.
- Electronic Physics 101E, 102E
- German 101E, 102E
- Mathematics 113E, 120E, 221E, 222E

CHEMISTRY 100E (Chm.10) FUNDAMENTALS OF CHEMISTRY.

Prerequisite, Eph. 101E

3 credits

This course is designed to introduce some of the basic principles of elementary chemistry for science majors in curricula other than chemistry. It covers stoichiometry, states of matter, thermochemistry, atomic and molecular structure, some organic structural chemistry, as well as the beginnings of reaction mechanisms and solution chemistry. Fall and Spring semesters

CHEMISTRY 111E (Chm.11) BASIC PRINCIPLES OF CHEMISTRY—PART 1.

4 credits

The aim of this course is to provide the student with a firm theoretical basis for understanding the fundamentals of chemistry in the field of inorganic chemistry. The content of the first part of the course includes stoichiometry, the states of matter, thermochemistry, atomic and molecular structure, and the periodic chart. The descriptive chemistry is concerned principally with the non-metals. Fall semester

CHEMISTRY 112E (Chm.12) BASIC PRINCIPLES OF CHEMISTRY—PART 2.

Prerequisite, Chm. 111E

4 credits

This course is a continuation of Chemistry 101E. The content includes solutions, ionic equilibria, oxidation and reduction, electrochemistry, complex ions and nuclear chemistry. The descriptive chemistry of the metals is also covered as well as some aspects of qualitative analysis. Spring semester

CHEMISTRY 201E (Chm.23) ORGANIC CHEMISTRY—PART 1.

Prerequisite, Chm. 102E

4 credits

The purpose of the first part of the course is to present the theoretical aspects of organic chemistry together with the structure, nomenclature, syntheses, and physical and chemical properties of the main classes of organic compounds. The aliphatic compounds are studied with emphasis on bond structure, reaction mechanisms, stereochemistry, and the correlation of structure with physical and chemical properties. Petroleum chemistry, proteins and carbohydrates are treated as special topics. Fall semester

CHEMISTRY 202E (Chm.24) ORGANIC CHEMISTRY—PART 2.

Prerequisite, Chm. 201E

4 credits

In the second part of organic chemistry, monofunctional and polyfunctional aromatic compounds, and polyfunctional aliphatic compounds are considered. These compounds are discussed from the viewpoint of reaction mechanisms and synthetic sequences. Both aliphatic and aromatic compounds are also treated under the three categories of substitution, addition and elimination reactions. Spring semester

CHEMISTRY 301E (Chm.47) PHYSICAL CHEMISTRY—PART 1.

Prerequisites, Chm. 305E, Eph. 102E, Mth. 222E

4 credits

The general purpose of this course is to familiarize the student with the fundamentals of physical chemistry and their application to various physical and chemical systems. The contents

of Part 1 are ideal and real gases, liquids, solids, elementary thermodynamics, thermochemistry, solutions, homogenous and heterogeneous equilibria. Fall semester

CHEMISTRY 302E (Chm.48) PHYSICAL CHEMISTRY—PART 2.

Prerequisite, Chm. 301E 4 credits

The contents of Part 2 are electrical conductance, electrochemistry, chemical thermodynamics, chemical kinetics, and atomic and molecular structure. Spring semester

CHEMISTRY 305E (Chm.26) QUANTITATIVE ANALYSIS.

Prerequisite, Chm. 112E 4 credits

The contents of this first course in quantitative analysis consists of the study of the theory and basic principles of volumetric, complexometric and gravimetric procedures. The thorough coverage of the stoichiometric calculations, as well as laboratory experiments designed to develop analytical techniques, are performed. An introduction is made to modern instrumental methods, such as colorimetric, electrolytic, potentiometric, and polarographic analytical procedures. Spring semester—Odd years

CHEMISTRY 308E (Chm.33) BIOCHEMISTRY.

Prerequisite, Chm. 202E 3 credits

This course is concerned with the study of the chemistry of substances associated with living processes. The role of water, proteins, carbohydrates and fats, together with their interrelation are considered. Special emphasis is placed on the correlation of the structure of natural polymers with their physical properties. Fall semester—Even years

CHEMISTRY 401E (Chm.40) QUALITATIVE ORGANIC ANALYSIS.

Prerequisites, Chm. 202E, Chm. 305E 4 credits

The purpose of this course is to introduce the student to research methods while broadening his knowledge of organic chemistry. The course content consists of the solution of problems involving the structure and reactions of organic compounds. In the laboratory, experiments concerned with the identification of compounds and with the separation and identification of the components of mixtures are performed. Spring semester—Odd years

CHEMISTRY 402E (Chm.39) ADVANCED QUANTITATIVE ANALYSIS.

Prerequisites, Chm. 202E, Chm. 301E 4 credits

The lectures will cover the quantitative determination of the functional groups of organic compounds by the chemical and instrumental techniques and the application of these procedures to organic mixtures. The laboratory work will include elemental as well as functional group analyses using the conventional chemical procedures and instrumental procedures such as gas-liquid chromatography, ultra-violet and infra-red spectroscopy, and polarography. Spring semester—Even years

CHEMISTRY 403E (Chm.50) ADVANCED INORGANIC CHEMISTRY.

Prerequisites, Chm. 202E, Chm. 301E, Chm. 402 3 credits

This lecture course will stress the modern atomic and molecular structure approach to the more recent advances in inorganic chemistry and will consider such things as the elements and their compounds, etc.; the periodic chart; some aspects of inorganic polymeric compounds; complexes in aqueous solutions; nuclear chemistry as well as other pertinent aspects of modern inorganic chemistry. Spring semester—Odd years

CHEMISTRY 404E (Chm.34) THEORETICAL ORGANIC CHEMISTRY.

Prerequisite, Chm. 202E 3 credits

The purpose of this course is to extend the study of organic chemistry by giving consideration to the theoretical concepts of the structure and reactions of organic compounds. The nature of chemical bonds, the mechanism of organic reactions and chemical kinetics are topics of special interest. Spring semester—Even years

- CHEMISTRY 470E (Chm.53) ADVANCED SEMINAR.
Prerequisites, Chm. 301E, Chm. 404E 3 credits
The purpose of this elective course is to acquaint the more advanced student with current literature and research in organic chemistry. Spring semester
- CHEMISTRY 471E (Chm.51) SPECIAL TOPICS.
Prerequisite, department approval 3 credits
This one semester course will present a different subject each year in one area of special topics such as: polymer chemistry, organic synthesis, spectra, structure, etc. An elective course for chemistry majors. Fall semester
- CHEMISTRY 480E (Chm.52) CHEMICAL RESEARCH.
Prerequisites, Chm. 301E, Chm. 404E 4 credits
Individual laboratory or theoretical work under supervision of a staff member. An elective course restricted to Chemistry majors. Hours to be arranged. Arranged in consultation with the Department Chairman.
- CHEMISTRY 481E (Chm.45) SEMINAR RESEARCH.
Prerequisites, Chm. 202E, Chm. 301E, Chm. 305E 3 credits
This course concerns itself with the chemical research literature and its use. Each student is required to prepare and deliver a seminar topic. The entire Chemistry faculty is available for counsel. Fall semester—Odd years

COMPUTER SCIENCE

Courses in Computer Science are offered by the Department of Mathematics. See page 66.

ECONOMICS

Casimir Ciesla, Dr. Rer. Pol., Chairman

Required for Major in Economics: 14 courses

- Economics 101E, 102E, 201E, 202E, 203E, 213E, 214E, 301E, 303E, 304E, 411E, 412E.
- Mathematics 101E, 102E.

ECONOMICS 101E (Ecn.1) INTRODUCTORY ECONOMICS I. 3 credits

A study of the operation of the economic system, including a comparison of capitalistic and socialistic economies and consideration of the influence of government policies on economic activity. Emphasis on the U.S. economy and factors which determine employment, inflation, gross national product, and the money supply. Fall and Spring semesters

ECONOMICS 102E (Ecn.2) INTRODUCTORY ECONOMICS II. 3 credits

A continuation of Economics 101E. Topics include: economic problems of the business firm; economic growth of society; urban problems associated with economic growth; economic approaches to ecological issues; international trade issues; economic problems of poor countries. Fall and Spring semesters

ECONOMICS 201E (Ecn.9) MONETARY THEORY.

Prerequisite, Economics 102E 3 credits

An analysis of the role of money and the monetary system in determining income, employment and the price level. Spring semester—Odd years

ECONOMICS 202E (Ecn.8) MATHEMATICAL ECONOMICS.

Prerequisite, Mathematics 102E 3 credits

Designed to acquaint the student with certain topics in algebra, analytic geometry, and calculus which are most useful in their application to micro- and macro-economic analysis. Fall semester—Odd years

ECONOMICS 203E (Ecn.3) AMERICAN ECONOMIC HISTORY.

Prerequisite, Economics 102E

3 credits

The purpose of this course is to acquaint the student with the economic development of the United States from the colonial age to the present time. Topics to be discussed will include; mercantilism and the colonial economy, economic aspects of the American Revolution and of the formation of the nation, the Industrial Revolution, land policy and agriculture, economic aspects of the Civil War, monetary problems and banking, the frontier, big business, imperialism, and the growth of our contemporary economy through two world wars. Fall semester—Even years

ECONOMICS 213E (Sta.15) ECONOMICS AND BUSINESS STATISTICS I.

Prerequisite, Economics 102E

3 credits

General introduction to the basic ideas and procedures of statistical analysis with special emphasis on their application to economics and business. Methods of statistical description, index numbers, and time series analyses. Introduction to statistical inference using the normal probability distribution. Fall and Spring semesters

ECONOMICS 214E (Sta.21) ECONOMICS AND BUSINESS STATISTICS II.

Prerequisite, Economics 213E

3 credits

Foundations of statistical inference as applied to decision making on the basis of limited information. Basic concepts of probability, probability distributions, estimation and test of hypotheses, regression and correlation techniques. Fall and Spring semesters

ECONOMICS 301E (Ecn.6) LABOR ECONOMICS.

Prerequisite, Economics 102E

4 credits

This course provides the student with an understanding of the roles played by unions, employers and the government in the solution of the major economic and noneconomic problems of the worker in the United States. The structure, philosophy and function of management in the area of collective bargaining are analyzed. The role of the government in employee-management relations is also examined. The various solutions to the problems of unemployment, substandard wages and personal insecurity are explored and their effectiveness evaluated. Existing and proposed labor legislation are surveyed. Spring semester—Even years

ECONOMICS 302E (Ecn.7) MANAGERIAL ECONOMICS.

Prerequisites, Ecn. 102E, Ecn. 213E, Mth. 102E

3 credits

An intermediate-level course in the theory and practice of the firm, designed for non-economics majors with the indicated background courses. Theory and estimation of demand, production, and cost functions; market structures and pricing in theory and practice; selected aspects of linear programming, regulation and antitrust, capital budgeting, and risk analysis. Fall and Spring semesters.

ECONOMICS 303E (Ecn.10) MICRO-ECONOMIC THEORY.

Prerequisite, Economics 102E

4 credits

Theory of consumer behavior, production and cost. Price determination of products in various market models and of factors of production. General equilibrium. Welfare economics. Fall semester—Even years

ECONOMICS 304E (Ecn.11) MACRO-ECONOMIC THEORY.

Prerequisite, Economics 102E

4 credits

Techniques of measuring national income and output. Theory of aggregate demand and the equilibrium level of income or output. Theory of economic fluctuations and of economic growth. Theory of inflation. Fiscal and monetary policies toward stabilization. Spring semester—Even years

ECONOMICS 404E (Ecn.13) PUBLIC FINANCE.

Prerequisite, Economics 102E

3 credits

An analysis of the revenue and expenditure activities of government with particular emphasis on the rationale of this government activity, the method of financing, and the

effects of fiscal policy on allocation, distribution, efficiency, equity and stability in the economy. Spring semester—Odd years

ECONOMICS 411E (Ecn.4) HISTORY OF ECONOMIC THOUGHT.

Prerequisite, Economics 102E

3 credits

This course is designed to give the student a knowledge of the historical development of economic thought from ancient times to the present. The principal topics treated are the contributions of the ancient philosophers, the Scholastics, the Mercantilists, the Classicists and the German Historical Schools. Fall semester—Odd years

ECONOMICS 412E (Ecn.5) CONTEMPORARY ECONOMIC SYSTEMS.

Prerequisite, Economics 411E

3 credits

A continuation of Economics 411E until Keynesian economics has been treated; a history and analysis of socialist and Marxist thought culminating in a comparative study of the structure and function of the economics of the United States and Soviet Union. Spring semester—Odd years

ECONOMICS 431E (Ecn.12) INTERNATIONAL ECONOMICS.

Prerequisite, Economics 102E

3 credits

An introduction to the theory of international exchange, to natural and policy barriers to trade, to relations between developed and developing countries, and to international disequilibrium. Stress on the evolution of the international monetary system and selected current problems such as balance of payments, exchange standards, liquidity and the role of international institutions. Fall semester—Even years

EDUCATION

(Secondary Education)

Gary K. Clabaugh, Ed.D., Chairman

EDUCATION 201E (Edc.11) EDUCATION IN PHILOSOPHICAL AND CULTURAL PERSPECTIVE.

3 credits

Making maximum use of class participation and student initiated learning experiences, this course analyzes the relationship between the organizational structure and educational policies of American schooling, and the socio-economic system of modern mass society. The analysis is multi-dimensional and utilizes the techniques of social science, history and philosophy. Special emphasis is placed on the realm of values, the importance of reflective enculturation and the thrust of modern criticism of education in America.

EDUCATION 203E (Edc.12) EDUCATIONAL PSYCHOLOGY.

3 credits

The aim of this course is the application of psychological principles concerned with the processes of growth and development, thinking, learning and motivation to the problems of education. Principles of mental hygiene and social psychology applied to educational problems in the home, the school, and the community.

EDUCATION 301E (Edc.13) GENERAL METHODS.

3 credits

Common problems met by the teacher in the classroom; lesson planning, tests and measurements, teaching techniques, classroom management, etc.

EDUCATION 302E (Edc.21) AUDIO-VISUAL AIDS.

3 credits

A study of the use of audio-visual materials of instruction such as film-strips, lantern slides, maps, motion pictures, tape-recordings, etc. Procedures will be studied with respect to efficient use of audio-visual materials.

EDUCATION 303E (Edc.25) AFFECTIVE EDUCATION WORKSHOP.

3 credits

Emotions are not "left at the classroom door," even though educators frequently act as if this were true. This course is designed to deal with this issue by introducing the dynamics of human emotion through actual in-class experiences. The knowledge gained should improve and broaden teaching skills.

EDUCATION 304E (Edc.23) READING SKILLS.

3 credits

This course is designed to familiarize the student with the best current thinking and research on the teaching of reading. The reading process is studied from the early readiness stage, through the primary, intermediate and secondary levels and the practices considered are easily adapted for use in actual teaching situations. The areas to be discussed include: beginning reading, a directed reading activity, individual and group inventories, classroom grouping, vocabulary development and enrichment, word attack skills, independent learning activities, and evaluation.

EDUCATION EDUCATION ACHIEVEMENT. THE ROLE OF RACE, ETHNICITY,
CLASS AND HEREDITY. (Formerly Ethnicity and Education).

3 credits

Most teachers are familiar with the sharp debate and the intellectual ferment that has accompanied Arthur Jensen's contention that blacks are genetically inferior to whites in terms of intelligence. Similarly, Christopher Jenck's argument that non-school related factors determine educational achievement has sparked much pedagogical discussion. These and related issues will be treated in-depth.

EDUCATION 480E SYMPOSIUM ON ALTERNATIVE EDUCATION.

3 credits

One of the most vital changes in American education has been the rapid creation of "alternative" schools or curricula which are designed to deal with various inadequacies of the present system. Dr. Howard Finklestein, Director of Alternative Education for the Philadelphia School District, will lead an in-depth exploration of the nature and directions of this movement.

EDUCATION 401E (Edc.14) SPECIAL METHODS.

3 credits

Training in the method of instruction in which the student seeks certification.

EDUCATION 471E (Edc.19, 20) PRACTICUM IN STUDENT TEACHING.

6 credits

Conducted under the direction of college supervisors and cooperating teachers in secondary schools. Students teach for half-day sessions with their cooperating teachers for one semester of the public school year. Open only to seniors who complete requirements set by the College. Prerequisite: written application to be filed with the Director of Student Teaching, Evening Division, by March 1st of the academic year preceding practice teaching.



The Comprehensive Social Studies major provides for an area of concentration in one of four areas of study: Economics, History, Psychology or Sociology. The program outlines below indicate the required courses in each of the areas of concentration.

Economics	History
<p>Economics 101E, 102E, 201E, 203E, 213E, 303E, 304E History 111E, 112E Political Science 101E, 103E Psychology 101E Sociology 102E, 105E, 303E</p>	<p>Economics 101E, 102E History 11E, 112E, and four upper division elective courses in history Political Science 101E, 103E Psychology 101E Sociology 102E, 105E, 303E One elective course from the social sciences</p>
Psychology	Sociology
<p>Economics 101E, 102E History 111E, 112E Political Science 101E, 103E Psychology 101E, 102E, 210E, 211E, 319E, 320E Sociology 102E, 105E, 303E</p>	<p>Economics 101E, 102E History 111E, 112E Political Science 101E, 103E Psychology 101E, 364E Sociology 102E, 105E, 212E, 303E, 414E Two elective courses from the social sciences</p>

LA SALLE COLLEGE—CHESTNUT HILL COLLEGE Cooperative Program in Elementary Education

The La Salle College Evening Division has a cooperative program with the Education Department of nearby Chestnut Hill College. Chestnut Hill College, conducted by the Sisters of Saint Joseph, enjoys a reputation for academic excellence. The College is located at the city limits in beautiful Chestnut Hill about five miles from the La Salle campus.

La Salle students who are pursuing a degree program in Elementary Education and Pennsylvania Teacher Certification register at Chestnut Hill for all required courses in professional education and teaching methods in elementary instruction. The student will complete the General Education, Distribution, and Elective courses at La Salle.

Candidates for the degree in Elementary Education must satisfy the requirements prescribed by La Salle College and all course work required by Chestnut Hill for teacher certification. Students in this major are encouraged to arrange for an appointment with Sister Joan Loretta, S.S.J. at Chestnut Hill, upon completion of thirty semester credit hours of collegiate study. Sister can be contacted at CH-7-4210.

The Elementary Education Major:

*Professional Education—Education 101, 102, 103, 120, 130, 300 and two elective courses from 104, 125, 127, 128, 138, 140, 150, 220, 230.

*Elementary Education—Education 112, 113, 115, 117, 119, 121, 122, 201-202, 301-302, and one elective course from 109, 115, 116, 123, 126.

The Elementary Education major is further required to build an area of concentration—a sequence of four to six courses in an academic field of interest. Completion of the course work in this interest area does not necessarily qualify the student for Special certification in that field. These courses may be used to fulfill the Distribution Requirement or as electives.

*Refer to Chestnut Hill College Catalogue for 1973-1974.

PREPARATION FOR TEACHING

The teacher preparation program leads to eligibility for an Instructional I certificate to teach in the secondary schools of Pennsylvania and provides a foundation for those desiring to go on to further studies in the field. The Pennsylvania Department of Education has granted program approval in English and Comprehensive Social Studies and Mathematics. A student who satisfactorily completes the College's requirements in one of these programs is issued the teacher's certificate. Anyone planning to teach outside of Pennsylvania should familiarize himself with particular state requirements.

Students in the teacher preparation program are required to take a minimum of twenty-four semester credits in professional education courses. (Education majors who had earned more than ninety credits toward graduation before May, 1973 will be required to complete eighteen semester credits in professional education courses). Education 201E, 203E, 301E and 471E are required; the remaining courses (3) may be taken from the department's elective course offerings.

The Practicum in Student Teaching (Edc. 471E) is required of all students who are seeking certification. The student must file a written application for this course with the Director of Student Teaching, Evening Division, before May 1st on the academic year preceding the actual practice teaching.

Candidates for teacher certification will be reviewed by the Certification Committee after all prescribed courses—including The Practicum in Student Teaching—are completed. A favorable recommendation by the Committee is prerequisite for certification.

Admission to an education course is not to be construed as admission to a certification program.

TEACHER CERTIFICATION

A student who holds a Bachelor's Degree from an accredited college or university may be admitted as a Special Student to pursue courses in professional education after filing an Application for Admission and official transcripts of his undergraduate academic record with the Evening Division Admissions Office.

During the first semester of enrollment his credentials will be reviewed by the Certification Committee and a program of studies will be written for him to meet certification requirements. The Practicum in Student Teaching (Education 471E) will be part of this program. For those already in a teaching position, on the job observation and evaluations are frequently possible; for those employed in non-teaching situations, job related problems cannot be used to by-pass the requirement of student teaching.

Students in this classification may be admitted to certification in English, Comprehensive Social Studies and Mathematics.

ELECTRONIC PHYSICS

Karl H. Zaininger, Ph.D., Chairman

For the second time a four thousand dollar lectureship grant has been awarded to the Electronic Physics Program's courses in communication by RCA Corporation. The grant is made each year for a three-year period.

Required for Major in Electronic Physics: 25 courses

- Electronic Physics 101E, 102E, 103E, 211E, 212E, 213E, 311E, 312E, 313E, 411E, 412E, 413E, 421E, and 4 related elective courses selected in consultation with the Department Chairman.
- Mathematics 113E, 120E, 221E, 222E, 322E, 325E, 426E.
- Chemistry 100E.

ELEC. PHYSICS 101E (Phy.11) GENERAL PHYSICS—PART 1. 4 credits
Prerequisite, Mth. 113E

The general course in physics introduces the student to the fundamentals of the science. Part 1 is an introduction to mechanics of solids. The topics considered include: motion in one and two dimensions, particle dynamics, work, energy, linear momentum, collisions, rotational kinematics and dynamics, angular momentum, equilibrium of rigid bodies, oscillations, gravitation, waves in elastic media and sound. Fall and Spring semesters

ELEC. PHYSICS 102E (Phy.12) GENERAL PHYSICS—PART 2. 4 credits
Prerequisites, Eph. 101E, Mth. 120E

Part 2 of the general course in physics is an introduction to electricity and magnetism. The topics considered include: charge and matter, the electric field, Gauss' law, electrical potential, capacitors and dielectrics, current and resistance, electromotive force, the magnetic field, Ampere's law, Faraday's law, inductance, magnetic properties of matter, electromagnetic oscillations, and electromagnetic waves. Fall and Spring semesters

ELEC. PHYSICS 103E (Phy.13) GENERAL PHYSICS—PART 3.

Prerequisites, Eph. 102E, Mth. 120E, Mth. 221E 4 credits

Part 3 of the general course in physics is an introduction to fluid mechanics, sound, thermodynamics, kinetic theory, light, and quantum physics. The topics considered include: fluid statics and dynamics, temperature, heat, the laws of thermodynamics, kinetic theory of gases, entropy, the nature, propagation, reflection, refraction, interference, diffraction and polarization of light, and quantum physics applied to light and to particles. Fall and Spring semesters

ELEC. PHYSICS 211E (Phy.23) ELECTRICITY AND MAGNETISM.

Prerequisites, Eph. 103E, Mth. 222E 3 credits

The purpose of the course is to develop the fundamentals of electricity and magnetism. The principal topics are electric fields, Gauss' law, potential, capacitors, dielectrics, polarization, displacement, magnetic field, Ampere's law, magnetization, induced emf, Maxwell's equations, inductance, DC circuit analysis, transients, steady-state AC circuits, reactance and impedance. Fall and Spring semesters

ELEC. PHYSICS 212E (Phy.24) CIRCUIT THEORY—PART I.

Prerequisites, Eph. 211E, Mth. 322E 3 credits

The purpose of this course is to continue the development of basic circuit theory with emphasis on network response to sinusoidal driving functions. The content includes the classical treatment of transients, the sinusoidal steady state, resonance, mesh and node analysis of AC networks, coupled circuits, network theorems, and an introduction to the Laplace Transform treatment of transients. Fall and Spring semesters

ELEC. PHYSICS 213E (Phy.31) MODERN PHYSICS.

Prerequisites, Eph. 211E, Mth. 325E 3 credits

This course develops in greater depth the areas of physics which are necessary for an understanding of modern electronic devices. Newtonian mechanics is reviewed with emphasis on more general techniques of solving problems. The laws of quantum mechanics are introduced and are illustrated by a discussion of simple one and three-dimensional quantum phenomena. The concepts are extended to a quantum mechanical description of atomic structure, the periodic table of the elements, and the band theory of solids. A brief introduction to statistics is given and the results are applied to the calculation of electron distributions in metals and insulators. Optical properties of atoms and solids are discussed. Fall and Spring semesters

ELEC. PHYSICS 311E (Phy.35) ELECTRONIC DEVICES.

Prerequisites, Eph. 212E, Eph. 213E 3 credits

This course develops a basic understanding of the physical principles governing the electrical behavior of semiconductor devices. It includes a brief discussion of the band theory of solids, the structure of solids, and basic concepts of statistical mechanics. A short introduction to thermionic emission and vacuum devices is followed by a discussion of electrons and holes in semiconductors, including the concept of conduction by drift and diffusion, as well as non-equilibrium concepts. The physical model for p-n junction is discussed in detail. A description of p-n junction devices and their performance features is followed by a discussion of the bipolar transistor. Finally, semiconductor surface and MOS physics is introduced leading to an explanation of field effect transistors.

ELEC. PHYSICS 312E (Phy.36) ELECTRONIC CIRCUITS.

Prerequisite, Eph. 311E, or taken concurrently with Eph. 311E. 3 credits

This course serves as an introduction to the use of active devices in electronic circuits. Circuits employing vacuum tubes, field effect transistors and junction (bi-polar) transistors are discussed. Topics covered include: power supplies, basic amplifier configurations, biasing, frequency characteristics, transient response, power amplifiers, tuned amplifiers and selected circuit configurations. Digital circuits are introduced. MOS and bipolar integrated circuits are discussed and methods for fabricating these devices are explained. The application of semiconductors in Large Scale Integration (LSI) is described. Fall and Spring semesters

ELEC. PHYSICS 313E (Phy.42) PULSE AND DIGITAL CIRCUITS.

Prerequisite, Eph. 312E

3 credits

The purpose of the course is to present a logical, unified approach to the analysis and design of those circuits where the nonlinearity of the vacuum tube or transistor is significant and the waveforms produced or controlled are for the most part nonsinusoidal. Topics covered include linear and nonlinear wave shaping circuits, diode switching and control gates, logic circuits and logical design, multivibrators, and other pulse and digital circuits. Fall and Spring semesters

ELEC. PHYSICS 411E (Phy.48) FIELD THEORY.

Prerequisites, Eph. 213E, Mth. 426E

The course in Field Theory is concerned primarily with the development of the theory of electric waves. The topics considered are waves in dielectric and conducting media, and an introduction to transmission lines, wave guides and antennae. Fall and Spring semesters

ELEC. PHYSICS 412E (Phy.49) CIRCUIT THEORY—PART II.

Prerequisites, Eph. 312E, Mth. 325E

3 credits

This course develops the techniques for signal and network analysis with applications in communication theory, transient analysis, and feedback system design. Topics covered include: Fourier analysis, Fourier transform, bilateral and unilateral Laplace transform, stability analysis and network analysis by convolution techniques. Fall and Spring semesters

ELEC. PHYSICS 413E (Phy.52) INTRODUCTION TO DIGITAL COMPUTERS.

Prerequisite, Eph. 313E

3 credits

Non-decimal number systems are introduced with special emphasis on binary arithmetic. Various codes are studied in terms of geometric representations and error detection and correction properties. An introduction to boolean algebra is presented. Analysis and synthesis of combinatorial logic is discussed using boolean algebra and map techniques for simplification. The analysis and synthesis of sequential logic is then discussed along with the development of simple digital configurations such as adders, shifters, timing level generators, parity checkers, decoders, etc. A simple discussion of timing problems, rates and delay is presented. State diagrams, transition tables and timing charts are introduced as design aids. Fall and Spring semesters

ELEC. PHYSICS 420E (Phy.55) COMMUNICATIONS.

Prerequisite, Eph. 412E

3 credits

A basic introduction to communication systems. Topics covered include: A review of Fourier techniques, transmission of elementary pulses through linear systems, and an introduction to base band digital communication. AM, SSB, FM, phase modulation, and simple forms of pulse modulation are analyzed in detail. Sampling and pulse code modulation are also discussed. Techniques are introduced for the generation and detection of modulated signals. Fall and Spring semesters

ELEC. PHYSICS 421E INTRODUCTION TO INTEGRATED ELECTRONICS

Prerequisite, Eph. 313E

3 credits

A brief introduction to the basic concepts of microelectronics is followed by a discussion of the available technologies, i.e. thick film, thin film, monolithic semiconductor and hybrid approaches, their relative merits and fields of application. After a short review of the physical principles of semiconductor device operation the IC fabrication processes (such as epitaxial growth, oxidation, diffusion, photolithography, etc.) will be discussed. A general review of the characteristics of the principal families of bipolar and MOS (PMOS, NMOS, and CMOS) integrated circuits will be given and some simple examples of their use as analog and as digital system building blocks will be described. After introducing practical IC design principles and discussing LSI approaches, integrated circuit packaging and reliability considerations will be discussed.

ELEC. PHYSICS 422E (Phy.63) COMPUTER SYSTEMS.

Prerequisites, Eph. 413E, Eph. 421E

3 credits

This course features a detailed study of system organization. Topics discussed will include: indexing, microprogramming, indirect addressing, compilers, interpreters, assemblers, loaders, operating systems, arithmetic logarithms, input-output systems, multiprogramming, multiprocessing, and time sharing. Spring semester

ELEC. PHYSICS 423E (Phy.65) MODERN COMMUNICATION SYSTEMS.

Prerequisite, Eph. 412E

3 credits

An introduction to the theoretical foundations of modern communication systems and descriptions of example systems. Topics to be included are a review of probability theory, the mathematical description of random waveforms, the detection of signals in noise, signal design and the concept of channel capacity. Included will be a detailed examination of such modern communication systems as satellite relays and tropo scatter links with the objective of illustrating the application of the theoretical principles. Fall semester

ELEC. PHYSICS 424E SYSTEMS PROGRAMMING.

3 credits

This course will provide an introduction to the design of the tools of programming, i.e. programming languages and operating systems. Following a brief introduction and review of FORTRAN and assembly language structures the elements of a simple assembler will be designed. Next, an overview of compiler design will be presented. The remaining lectures will cover problems and characteristics of modern operating systems. These will include batch processing, multiprocessing and real time systems. Particular attention will be given to interrupt handling, executive programs, data bases and file management problems. Desirable prerequisites or co-requisites for this course are (1) prior experience or training in programming, (2) Eph. 413, and (3) Eph. 422.

ELEC. PHYSICS 430E (Phy.67) OPTICAL ELECTRONICS.

Prerequisite, Eph. 213E

3 credits

This course provides a basic introduction to the optical properties of materials with emphasis on the description of phenomena with practical applications. Topics to be included are: absorption and emission of radiation by atomic systems and crystals, gas and solid state lasers, optical signal detectors, modulation and deflection of light beams, and optical techniques for information storage.

ELEC. PHYSICS 480E INDEPENDENT STUDY

3 credits

This course is open to students who have at least a B average and have approval from the Department Chairman. The course work will involve the student in a special off-campus research project under the direction of a faculty member.



ENGLISH

GENERAL EDUCATION

The English Department offers the courses listed here to fulfill the general education requirement in composition and literature. The Department of Foreign Languages and Literatures also offers courses that may be taken to fulfill the literature requirement in General Education (see page 23).

ENGLISH 101E (Eng.11) COLLEGE COMPOSITION—PART 1. 3 credits

Training in exposition; occasional papers in narration. Weekly themes; selected readings to stimulate writing; conferences with instructor. Fall and Spring semesters

ENGLISH 102E (Eng.12) COLLEGE COMPOSITION—PART 2.

Prerequisite, English 101E 3 credits

Writing assignments based upon readings in fiction; the research paper. Weekly themes; conferences with instructor. Fall and Spring semesters

ENGLISH 161E THE EXPERIENCE OF LITERATURE. 3 credits

An examination of selected fiction, poetry, and drama, and the way in which the form of a work interacts with its content. Imaginative literature will encourage the student to read with increased taste, perception, and pleasure. Emphasis on authors who have experimented significantly with form, including Sophocles, Shakespeare, Keats, Browning, Joyce, and T. S. Eliot. Short critical papers. Fall semester

ENGLISH 162E FROM HERO TO ANTI-HERO. 3 credits

An exploration of the changing concepts of heroism in western society from the classic ideal to the contemporary mistrust of man's capacity for heroism. Fiction, drama, and poetry to illustrate the heroic stance in confrontation with the supernatural realm, the collective social order, and the private will. Collateral readings and short critical papers. Fall semester

ENGLISH 164E MAJOR AUTHORS. 3 credits

An examination in depth of the timeless appeal of five or six major figures who are pre-eminent in their mastery of the English language and of certain works which continue to attract and excite readers through the centuries. Figures selected from the following: Chaucer, Shakespeare, Donne, Milton, Swift, Keats, Tennyson, Whitman, Melville, Conrad, Eliot, Frost, and Miller. Critical papers. Spring semester

ENGLISH 165E THE IMAGE OF MAN. 3 credits

The attempt of the individual to cope with changing views of man's position in the universe. The crisis of the individual who has lost faith in traditional values, feels alienated, and is attempting to find alternative values. Poetry, drama, and fiction. Short critical papers. Spring semester

ENGLISH 167E LITERARY MASTERPIECES. 3 credits

A selection of literary masterpieces from all genres ranging over several historical periods. At least two-thirds of the works will be drawn from a pre-arranged list which includes such works as *The Odyssey*, *Troilus and Criseyde*, *King Lear*, *Paradise Lost*, "Rappacini's Daughter," *The Dubliners*, *Hedda Gabler*, and *The Great Gatsby*. Short critical papers. Fall semester

ENGLISH 168E THE MODERN CONDITION. 3 credits

An examination of the writer's response to the complexities of life in the twentieth century and to man's ability or inability to deal with social and personal problems. Readings drawn from such authors as: Kingsley Amis, Sherwood Anderson, Saul Bellow, E.M. Forster, Graham Greene, Joseph Heller, Carson McCullers, Eugene O'Neill, Alan Paton, Sylvia Plath, John Updike, Kurt Vonnegut, Evelyn Waugh, and Nathaniel West. Major emphasis will be placed on modern and contemporary British and American fiction; consideration will also be given their forms. Short critical papers. Spring semester

ENGLISH

Charles V. Kelly, M.A., Chairman

Shirley Ann Eriksson, M.A., Sub-Chairman

Required for Major in English: 15 courses

- English 103E, 201E, 202E, 221E, 222E, 301E or 302E, 311E or 328E, 324E, 340E.
- Three period courses chosen from English 321E, 323E, 327E, 329E, 330E, 332E, or 343E.
- Three elective courses in literature.

Required for Major in Education-English: 10 courses

- English 103E, 201E, 202E, 221E, 222E, 301E or 302E, 311E or 328E, 324E, 340E.
- An elective course in literature.

ENGLISH 010E (Eng.10) FUNDAMENTALS OF ENGLISH COMPOSITION. No credits

A review course in grammar and composition intended for those who show by examination that they are not fully prepared for English 101E. Fall and Spring semesters

ENGLISH 101E (Eng.11) COLLEGE COMPOSITION—PART 1. 3 credits

Training in exposition; occasional papers in narration. Weekly themes; selected readings to stimulate writing; conferences with instructor. Fall and Spring semesters

ENGLISH 102E (Eng.12) COLLEGE COMPOSITION—PART 2.

Prerequisite, English 101E 3 credits

Writing assignments primarily based upon readings in literature; the research paper. Weekly themes; conferences with instructor. Fall and Spring semesters

ENGLISH 103E INTRODUCTION TO LITERATURE—FICTION. 3 credits

Analysis of selected pieces of British and American fiction with emphasis on appreciation and understanding of their structural, technical, and aesthetic qualities. Fall semester, 1974

ENGLISH 201E INTRODUCTION TO LITERATURE—POETRY. 3 credits

Training for literary understanding and appreciation through a study of poetry as an art form. Fall semester, 1974

ENGLISH 202E INTRODUCTION TO LITERATURE—DRAMA. 3 credits

Training for literary understanding and appreciation through a study of the drama as an art form. Spring semester, 1975

ENGLISH 205E (Eng.50) ADVANCED WRITING. 3 credits

Analysis of contemporary communication methods and practices and their application in solving writing problems in business and education. Fall semester, 1973

ENGLISH 207E (Eng.57) CREATIVE WRITING I. 3 credits

Workshop in the writing and evaluating of original fiction and verse. Offered in response to student interest.

ENGLISH 221E (Eng. 34) SURVEY OF ENGLISH LITERATURE—PART 1. 3 credits

A study of the literary movements and forms from the Old English period to the decline of Neoclassicism, with concentration on the representative authors and works. Fall semester

ENGLISH 222E (Eng.35) SURVEY OF ENGLISH LITERATURE—PART 2. 3 credits

A continuation of English 221E, beginning with the Pre-Romantics and extending through the Edwardians. Spring semester

ENGLISH 254E (Eng.23) ORAL COMMUNICATION. 3 credits

Speech composition, audience psychology, and technique of delivery; emphasis on practical speaking experience. Fall and Spring semesters

- ENGLISH 301E (Eng.49) HISTORY OF THE ENGLISH LANGUAGE. 3 credits
Origins and development of modern English from Old and Middle English; dialects and dialect geography. May be used to meet a linguistic requirement. Spring semester, 1974
- ENGLISH 302E (Eng.56) INTRODUCTION TO STRUCTURAL LINGUISTICS. 3 credits
Modern theories about the nature of language and new techniques for grammatical analysis. An attempt is made to apply the principles of linguistics to the teaching of English and of foreign languages. Fall semester, 1974
- ENGLISH 305E (Eng.58) CREATIVE WRITING II. 3 credits
A continuation of English 207E. Offered in response to student interest.
- ENGLISH 306E (Eng.59) CREATIVE WRITING III. 3 credits
A continuation of English 207E or 305E. Offered in response to student interest.
- ENGLISH 311E (Eng.53) THE CONTEMPORARY BRITISH AND AMERICAN NOVEL. 3 credits
A study of the major novelists of the present century in England and America; structure and trends. Fall semester, 1974
- ENGLISH 312E (Eng.51) CONTEMPORARY DRAMA. 3 credits
A study of selected plays of the modern theatre with an emphasis on the forces which have shaped the drama of England, Ireland, and America. Spring semester, 1974
- ENGLISH 313E (Eng.43) CONTEMPORARY POETRY. 3 credits
An examination of representative 20th century poetic practice in English. Fall semester, 1973
- ENGLISH 314E (Hum.50) MODERN WORLD LITERATURE. 3 credits
Readings—ranging through novels, poems, plays—in works by great Continental writers including Tolstoi, Undset, Gide, Mann, Pasternak, Lorca, Mauriac, Rilke, Unamuno and others. Spring semester—Even years
- ENGLISH 315E (Hum.51) MAJOR THEMES IN WESTERN LITERATURE. 3 credits
The study of selected titles from the liberal tradition of the Western world in terms of eight magnet themes: God, Man, Nature, Revolution, War and Peace, Love, Truth, Art. The authors studied range from Plato to Darwin, Marx, Freud, Sartre. Basically a discussion and independent-discovery course. Fall semester—Even years
- ENGLISH 321E (Eng.40) MIDDLE ENGLISH LITERATURE. 3 credits
A survey of English literature of the 12th through the 15th centuries, including Chaucer. Fall semester, 1974
- ENGLISH 323E (Eng.41) THE RENAISSANCE TO 1640, EXCLUDING SHAKESPEAREAN DRAMA. 3 credits
Selected readings in the literature of the English Renaissance. Attention to the types and sub-types of poetry and prose in the 16th and 17th centuries. Spring semester, 1974
- ENGLISH 324E (Eng.37) SHAKESPEARE. 3 credits
A reading of selected Shakespearean plays, with particular attention to Elizabethan rhetorical and poetical values that facilitate the re-creation of the plays in the theatre of the imagination. Fall semester
- ENGLISH 327E (Eng.42) THE RESTORATION AND THE 18TH CENTURY. 3 credits
A consideration of the literary theories of the neoclassical periods and a study of the works of such writers as Dryden, Pope, Swift, Addison and Steele, Johnson, and their outstanding contemporaries. Fall semester, 1975
- ENGLISH 328E (Eng.38) THE BRITISH NOVEL. 3 credits
Historical development of the genre; structural patterns of the narrative form; analysis and discussion of assigned readings. Spring semester

- ENGLISH 329E (Eng.44) ENGLISH LITERATURE OF THE ROMANTIC PERIOD. 3 credits
An historical survey of Coleridge, Wordsworth, Byron, Shelley, Keats and their contemporaries. Spring semester, 1974
- ENGLISH 330E (Eng.45) ENGLISH LITERATURE OF THE VICTORIAN PERIOD. 3 credits
The chief literary figures of the period—Tennyson, Arnold, Browning, Hopkins, Carlyle, Newman, Ruskin—and the contemporaries, placed against their milieu. Fall semester, 1975
- ENGLISH 332E (Eng.46) MODERN BRITISH LITERATURE. 3 credits
A study of twentieth century British fiction, poetry and drama. Spring semester, 1974
- ENGLISH 340E (Eng.36) AMERICAN LITERATURE: 19TH CENTURY. 3 credits
Romantic Movement, Rise of Realism, and Naturalism. Representative readings in those movements and in all forms except drama. Spring semester
- ENGLISH 343E (Eng.47) AMERICAN LITERATURE: 20TH CENTURY. 3 credits
Survey of developments in poetry, fiction and drama, including representative works of such writers as Hemingway, Fitzgerald, Faulkner, Frost, Eliot, O'Neill, Steinbeck, and selected representatives of the 1950's and 1960's. Fall semester
- ENGLISH 401E (Eng.52) LITERARY THEORY AND CRITICISM. 3 credits
An introduction to theories of literary structure and literary value; exercises in the description and evaluation of literary works; reports on assigned readings. Spring semester, 1975
- ENGLISH 403E (Hum.56) THE FILM AS ART. 3 credits
Study of selected films and discussion of cinematographic techniques involved. Spring semester
- ENGLISH 471E (Eng.55) SEMINAR. 3 credits
Special studies on a particular literary topic. The subject matter will vary from term to term. Offered in response to student interest.

FINANCE

Melvin F. Woods, M.A., Chairman

The Professional Option in Finance consists of four courses beyond the introductory courses. You are advised to consult with the Department Chairman in planning your major concentration and your roster.

The Certificate of Proficiency in Finance: Accounting 101E, 102E; Economics 101E, 102E, 213E, 302E; English 101E, 102E; Finance 201E, 202E; Management 201E, 202E; Marketing 201E; Mathematics 101E, 102E; Philosophy—1 course from General Education offerings; Religion—1 course from General Education offerings; Electives (3)—1 elective course in Finance and 2 other elective courses.

- FINANCE 201E (Fin.1) PRINCIPLES OF FINANCE. 3 credits
Investment Principles is a course which is designed to give the student an understanding of the nature and operation of our money and banking systems and of the application of monetary and banking theory to current problems. Particular emphasis is placed on monetary standards and commercial bank operations. The effects of Federal Reserve policy and Federal Treasury fiscal policies on financial institutions are fully treated. Fall and Spring semesters

FINANCE 202E (Fin.2) CORPORATION FINANCE.

Prerequisite, Finance 201E 3 credits

Corporation Finance is a study of the fundamental principles of business finance. The topics included in this course are promotion, forms of business organization, stocks, bonds, notes and underwriting methods, capitalization, surplus and dividend policies, business failures and reorganizations. Fall and Spring semesters

FINANCE 301E (Fin.32) INTRODUCTION TO INVESTMENTS AND SECURITIES MARKETS.

Prerequisite, Finance 201E 3 credits

A study of the stock market, its trading operations and regulations. Development of investment policies for personal programs as compared to institutional uses of funds. Fall semester

FINANCE 302E (Fin.33) INVESTMENT ANALYSIS AND PORTFOLIO MANAGEMENT.

Prerequisite, Finance 301E 3 credits

Development of fundamental techniques of security analysis in order to determine investment characteristics and evaluate existing holding of securities. Spring semester

FINANCE 307E (Fin.7) CREDIT AND COLLECTIONS.

Prerequisite, Finance 201E 3 credits

This course is a detailed study of the organization and management of a credit department, investigation techniques, principles of statement analysis, collection methods and the legal aspects of bankruptcy and receivership in credit work. Spring semester

FINANCE 407E INTERNATIONAL FINANCE. 3 credits

A study of the institutions and instruments in the field of international business financing by analyzing the organization and operation of commercial banks, both domestic and foreign, and evaluating the trends in international capital and money markets to determine their impact on direct and indirect foreign investment.

FOREIGN LANGUAGES AND LITERATURES

GENERAL EDUCATION

The Department of Foreign Languages and Literatures offers the courses listed here to fulfill the general education requirement. The English Department also offers courses that may be taken to fulfill the literature requirement in general education (see page 23).

FRENCH

FRENCH 161E (Frn.21) MODERN FRENCH LITERATURE
IN ENGLISH TRANSLATION. 3 credits

The rise of the modern sensibility that views art as the new religion and defines poetry as creation and revolution (Nerval, Baudelaire). Symbolist and Decadent strains in the artist's temperament up to the First World War (Rimbaud, Lautréamont, Jarry, Apollinaire). Texts in English translation. Short critical papers. Fall semester

FRENCH 162E (Frn.22) CONTEMPORARY FRENCH LITERATURE
IN ENGLISH TRANSLATION. 3 credits

Varying responses to the pervading mood of despair and the loss of authentic experience in French literature after the First World War (Gide, Breton). The post-Occupation turn to existentialism (Sartre) and the absurd (Camus). The artistic revolt of the anti-novel (Robbe-Grillet, Sarraute) and anti-theater (Beckett, Ionesco) of the Fifties and Sixties. Texts in English translation. Short critical papers. Spring semester

GERMAN

GERMAN 161E (Ger.21) MODERN GERMAN LITERATURE IN ENGLISH TRANSLATION.

3 credits

The loss of spiritual orientation in German and Austrian literature of the early modern period. Study of the artist's attempt to restore values to life in a declining bourgeois society between two world wars. Readings from Rilke, Hesse, Mann, Musil and Kafka. Texts in English translation. Short critical papers. Fall semester

GERMAN 162E (Ger.22) CONTEMPORARY GERMAN LITERATURE IN ENGLISH TRANSLATION.

3 credits

The eschatology of hope and hopelessness in the contemporary German mind. Analysis of the World War II syndrome in recent German literature and its effect on evolving literary forms. Readings from Borchert, Brecht, Frisch, Dürrenmatt, Grass and Weiss. Texts in English translation. Short critical papers. Spring semester

SPANISH

SPANISH 161E (Spn.21) MODERN SPANISH LITERATURE IN ENGLISH TRANSLATION.

3 credits

Spain's agony as reflected in its modern literature (the convulsions of the 19th and 20th centuries; anarchy, dictatorship, civil war, detente, the clamor of intellectuals and youth) forms the basis for discussions of the enigma of the Spanish temperament. Readings from Unamuno, Ortega y Gasset, Jimenez and Garcia Lorca. Texts in English translation. Short critical papers. Fall semester

SPANISH 162E (Spn.22) CONTEMPORARY SPANISH LITERATURE IN ENGLISH TRANSLATION.

3 credits

Efforts of the intellectual to circumvent governmental strictures and his quest for freedom and new literary forms provide the point of departure for discussions of the works of Cela, Gironella, and Goytisolo in Spain and of Cortazar, Borges, and Asturias in Latin America. Texts in English translation. Short critical papers. Spring semester

FOREIGN LANGUAGES AND LITERATURES Bernhardt G. Blumenthal, Ph.D., Chairman

FRENCH

FRENCH 101E (Frn.1) ELEMENTARY FRENCH I.

3 credits

This course is designed to familiarize the student with the basic rules governing French and phonetics through intensive practice in reading, writing, comprehending and speaking French. Fall semester

FRENCH 102E (Frn.2) ELEMENTARY FRENCH II.

Prerequisite, French 101E

3 credits

The study of basic French grammar is intensified and completed. Readings are continued in order to develop the student's ability to understand and use French. Spring semester

FRENCH 201E (Frn.5) REVIEW GRAMMAR AND COMPOSITION.

3 credits

This course stresses grammatical review, exercises in composition and selected readings. Fall semester

FRENCH 202E (Frn.6) INTERMEDIATE READINGS.

3 credits

Selected readings of intermediate difficulty from writers of the nineteenth and twentieth centuries with a view to introducing the student to the literature and civilization of the country. Spring semester

GERMAN

GERMAN 101E (Ger.1) ELEMENTARY GERMAN I.

3 credits

The elementary course is designed to impart the basic rules governing German grammar and phonetics and to prepare the student for later mastery in the reading, writing and speaking of the language. Fall semester

GERMAN 102E (Ger.2) ELEMENTARY GERMAN II.

Prerequisite, German 101E 3 credits

This course is a review of the fundamentals of grammar with emphasis on oral reading and exercises in composition. Spring semester

GERMAN 201E (Ger.5) REVIEW GRAMMAR AND COMPOSITION. 3 credits

This course stresses grammatical review, exercises in composition, and selected readings. Fall semester

GERMAN 202E (Ger.6) INTERMEDIATE READINGS. 3 credits

Selected readings of moderate difficulty from writers of the nineteenth and twentieth centuries with a view to introducing the student to the literature and civilization of the country. Spring semester

SPANISH

SPANISH 101E (Spn.1) ELEMENTARY SPANISH I. 3 credits

The elementary course is designed to impart the basic rules governing Spanish grammar and phonetics and to prepare the student for later mastery in the reading, writing and speaking of the Spanish language. Fall semester

SPANISH 102E (Spn.2) INTERMEDIATE SPANISH II.

Prerequisite, Spanish 101E 3 credits

The intermediate course in Spanish provides a review of grammar with advanced readings and exercises in composition. Special emphasis is given to phonetics. Spring semester

SPANISH 201E (Spn.5) REVIEW GRAMMAR AND COMPOSITION. 3 credits

This course stresses grammatical review, exercises in composition and selected readings. Fall semester

SPANISH 202E (Spn.6) INTERMEDIATE READINGS. 3 credits

Selected readings of intermediate difficulty from writers of the nineteenth and twentieth centuries with a view to introducing the student to the literature and civilization of the country. Spring semester

SPANISH 301E (Spn.7) ADVANCED CONVERSATION. 3 credits

This course includes intensive oral exercises with a view towards improving the student's pronunciation and increasing his active vocabulary. Students make frequent use of audio aids. Fall semester

SPANISH 302E (Spn.8) ADVANCED GRAMMAR AND COMPOSITION. 3 credits

Training in the use of correct idiomatic Spanish and in the practical application of grammatical principles; intensive exercises in written expression and in translating standard English prose into Spanish. Spring semester

HISTORY

Dennis McCarthy, M.A., Chairman

Required for Major in History: 12 courses

- The history major should take 2 courses from Section A, 2 courses from Section B, and the remaining from Section C or Sections C and D. Exceptions must be approved by the Chairman.

SECTION A.

INTRODUCTORY SURVEYS

These survey courses are broad studies of certain parts of the world; the Department recommends these foundation courses for beginning students.

- HISTORY 111E (His.13) HISTORY OF WESTERN CIVILIZATION TO 1500. 3 credits
 A survey of cultural achievements of ancient civilizations of the Mediterranean Basin, as well as of the medieval Europe which became part of the heritage of Western or European Civilization. Fall semester
- HISTORY 112E (His.14) HISTORY OF WESTERN CIVILIZATION SINCE 1500. 3 credits
 A survey of European History from Renaissance to modern times. Development of national states and other modern institutions in Europe discussed. Socio-economic changes within the European society considered as a background. Spring semester
- HISTORY 113E (His.11) AN INTRODUCTION TO THE AFRO-ASIAN WORLDS, I. 3 credits
 An examination of the social, economic, political, and cultural institution of Asia, the Moslem world, tropical Africa and South Africa. Fall semester
- HISTORY 114E (His.12) AN INTRODUCTION TO THE AFRO-ASIAN WORLDS, II. 3 credits
 An examination of the social, economic, political, and cultural institution of Asia, the Moslem world, tropical Africa and South Africa. Spring semester
- HISTORY 115E (His.15) HISTORY OF THE UNITED STATES TO 1865. 3 credits
 A survey of the American people from colonial days to the Civil War. Fall semester
- HISTORY 116E (His.16) HISTORY OF THE UNITED STATES SINCE 1865. 3 credits
 A survey of the American people with particular emphasis upon industrialization, social change, and the growth of the nation as a world power. Spring semester
- HISTORY 117E LATIN-AMERICA: THE COLONIAL PERIOD. 3 credits
 A survey that treats the Inca, Aztec, and Maya cultures, African influences as well as Spanish and Portuguese contributions to the development of Latin-America. Fall semester, 1976
- HISTORY 118E LATIN-AMERICA: THE NATIONAL PERIOD. 3 credits
 A study of Latin-America from independence to the present with equal emphasis upon regionalism, the military, revolution, dictatorship, and economic development Spring semester, 1977
- SECTION B:
 INTERMEDIATE STUDIES
- These courses are designed to provide in-depth knowledge of various periods and topics. They are meant primarily for students who have had an Introductory Survey Course or for students who had been granted advanced standing.
- HISTORY 203E THE ANCIENT NEAR EAST. 3 credits
 A survey that stresses the development of Greek civilization until the death of Alexander the Great. Fall semester, 1973
- HISTORY 204E (His.17) THE HELLENISTIC AND ROMAN WORLDS. 3 credits
 A survey that places a special emphasis upon the Roman Republic and the Empire until 476 A.D. Spring semester, 1974
- HISTORY 205E (His.18) THE EARLY MIDDLE AGES. 3 credits
 A study of the period from 284 A.D. until c. 1000 A.D., emphasizing the synthesis of Roman, Christian, and barbarian cultures. Fall semester, 1974
- HISTORY 206E (His.19) THE LATER MIDDLE AGES. 3 credits
 A study of the period from c. 1000 A.D. until the Renaissance, focusing on the social, economic, intellectual, and political revival of Europe. Spring semester, 1975
- HISTORY 214E MODERN EUROPE TO 1870: THE AGE OF REVOLUTIONS. 3 credits
 A survey of Europe centered on the political and social development in Germany and France and the impact of Russia's rise to world power. Fall semester, 1975

- HISTORY 215E MODERN EUROPE SINCE 1870: THE AGE OF VIOLENCE. 3 credits
A detailed survey of Europe in the last hundred years. Spring semester, 1976
- HISTORY 221E PRE-COLONIAL AFRICA. 3 credits
An account of the empires, tribes, and states of Africa before European colonialism. Fall semester, 1973
- HISTORY 222E COLONIAL AND INDEPENDENT AFRICA. 3 credits
A study of colonialism, nationalism, and independence of black Africa. Spring semester, 1974
- HISTORY 225E IMPERIALISM IN THE MODERN WORLD. 3 credits
A study of the expansion of western nations into the world of Asia and Africa in the 19th century, and the contraction of western influence in these areas in the 20th century. Fall semester, 1976
- HISTORY 226E MODERN NATIONALISM. 3 credits
An examination and evaluation, from the historical standpoint, of the phenomenon of nationalism and its influence upon various societies since the French Revolution. Spring semester, 1977
- HISTORY 231E AMERICA'S MILITARY PAST. 3 credits
The impact of the American military establishment upon American society, and the formation of defense strategy and foreign policy. Fall semester, 1974
- HISTORY 233E THE AMERICAN IMMIGRANT. 3 credits
The history of immigration to America and the ethnic impact upon American institutions. Spring semester, 1975
- HISTORY 237E BLACK AMERICA TO 1865. 3 credits
A study of African backgrounds, slavery, the role of free Negroes, and the struggle against slavery. Fall semester, 1975
- HISTORY 238E BLACK AMERICA SINCE 1865. 3 credits
A study of the Black experience since reconstruction. Spring semester, 1976
- HISTORY 324E RECENT AMERICAN HISTORY. 3 credits
A study of the growth of government involvement at home and abroad since 1939, based upon the reading and analysis of original documents. Spring semester, 1974
- HISTORY 331E THE RENAISSANCE. 3 credits
Topics illustrating the intellectual and political life of Europe from Dante to Elizabeth I. Fall semester, 1976
- HISTORY 332E THE REFORMATION. 3 credits
The sundering of Christendom; particular attention is paid to the roles of Erasmus, Luther, Calvin, and Loyola. Spring semester, 1977
- HISTORY 333E EUROPE IN THE AGE OF ABSOLUTISM. 3 credits
European culture from 1600 to the 1680's with emphasis on the development of political institutions and the rise of science. Fall semester, 1974
- HISTORY 334E THE ENLIGHTENMENT. 3 credits
Survey of the Age of Reason with special attention to the relationship of social criticism to political action. Spring semester, 1975
- HISTORY 341E THE RISE OF BYZANTIUM. 3 credits
Byzantine society as the treasurer of the classical antiquity and the mentor of barbarians. From the foundation of Constantinople (324 A.D.) to the Photian Schism (1054). Fall semester, 1975

HISTORY 342E DECLINE AND FALL OF THE BYZANTINE EMPIRE. 3 credits
A study of the Greek society's struggle for survival and the cultural influence of Byzantium in East and West. Spring semester, 1976

HISTORY 345E A HISTORY OF EAST ASIA FROM THE OPIUM WAR TO 1920. 3 credits
A detailed examination of the changes occurring in modern East Asia due to the rise of industrialism, urbanism, western influence, and nationalism. Fall semester, 1974

HISTORY 346E A HISTORY OF EAST ASIA SINCE 1920. 3 credits
A detailed analysis of the impact upon East Asia of nationalism, industrialism, western influence, and militarism with special attention to China and Japan. Spring semester, 1975

SECTION C: SPECIALIZED STUDIES

These courses are designed to give detailed knowledge about specific periods and countries. They are for history majors and students from other majors who have had courses from Section B.

HISTORY 301E THE BRITISH COLONIES IN AMERICA. 3 credits
An intensive study of European expansion into the New World, with particular emphasis on British settlements and their early development. Fall semester, 1973

HISTORY 302E (His.26) THE AMERICAN REVOLUTION. 3 credits
An intensive analysis of concepts and movements generated in the American colonies which resulted in revolution and separation of the British settlements. Spring semester, 1974

HISTORY 311E (His.27) THE BIRTH OF THE AMERICAN NATION (1789-1815). 3 credits
A detailed study of the making of the Constitution and the development of republican institutions. Fall semester, 1974

HISTORY 312E JACKSONIAN AMERICA (1815-1840). 3 credits
A detailed analysis of the development of the American political system in an increasingly democratic society. Spring semester, 1975

HISTORY 315E (His.28) THE CIVIL WAR IN AMERICA (1850-1865). 3 credits
A detailed study of the disruption of the Union, stressing the causes, personalities, and human drama of the military events leading to Appomattox. Fall semester, 1975

HISTORY 316E THE RECONSTRUCTION ERA (1865-1877). 3 credits
A study of the road to reunion, including the completion of the abolitionist movement, along with a focus on civil war literature. Spring semester, 1976

HISTORY 319E EARLY 19TH CENTURY AMERICAN LIFE AND THOUGHT. 3 credits
American studies approach with topics in the shaping of the American character, humanitarian reforms, far west frontier, and the ante-bellum South. Fall semester, 1976

HISTORY 320E LATE 19TH CENTURY AMERICAN LIFE AND THOUGHT. 3 credits
American studies approach with topics in the age of big business, popular culture and literature, including social critics and world power. Spring semester, 1977

HISTORY 323E (His.34) EARLY 20TH CENTURY AMERICA. 3 credits
A study of the growth of government involvement at home and abroad from 1900 to 1939, based upon the reading and analysis of original documents. Fall semester, 1973

HISTORY 351E EARLY RUSSIAN HISTORY. 3 credits
A study of the emergence of Eastern Slavic nations (Ukrainians, Belorussians, and Russians) and the political and cultural development during the Middle Ages. Fall semester, 1973

- HISTORY 352E MODERN RUSSIAN HISTORY. 3 credits
A study of the foundation and expansion of the Russian Empire from the late Middle Ages to the present time. Spring semester, 1974
- HISTORY 355E GERMANY IN THE 19TH CENTURY. 3 credits
A study of German political and international life from 1815 to 1914. Fall semester, 1976
- HISTORY 356E GERMANY IN THE 20TH CENTURY. 3 credits
A study of German politics with emphasis upon the rise of Hitler, Hitler's Europe, and the period since World War II. Spring semester, 1977
- HISTORY 357E EARLY MODERN BRITAIN: OLIGARCHY TO DEMOCRACY. 3 credits
A study of the social, political, and economic trends in England from 1760 to 1870. Fall semester, 1975
- HISTORY 358E RECENT BRITAIN: EMPIRE TO WELFARE STATE. 3 credits
A detailed analysis of the decay of the Empire, the rise of the welfare state, and the impact of both on English life. Spring semester, 1976
- HISTORY 471E (His.48) SEMINAR IN METHODOLOGY AND HISTORIOGRAPHY. 3 credits
The nature of history, introduction to the methodology of historical research, survey of historiography; readings, discussions, reports, and a bibliographical essay. Fall semester, 1975
- HISTORY 472E (His.49) RESEARCH SEMINAR. 3 credits
The research and writing of a scholarly paper; tutorial conferences and reports. (Prerequisite: History 471E) Recommended for students who expect to enter graduate school or law school. Spring semester, 1976

HUMANITIES

Michael R. Dillon, Ph.D., Chairman

Required for Major in Humanities: 13 courses

- Art 101E; Economics 101E; History—Any two advanced courses beyond the Introductory Survey Courses; Humanities 105E, 201E, 202E; Language—two semesters of Foreign Language beyond the elementary level; Mathematics 101E, 102E; Music 101E, or 201E; Psychology 101E; Sociology 303E.

- ART 101E (Hum.21) ELEMENTS OF ART. 3 credits
Aesthetic analysis of the elements of painting and sculpture; application of principles to several major artists. Spring semester
- ENGLISH 314E (Hum.50) MODERN WORLD LITERATURE. 3 credits
Readings—ranging through novels, poems, plays—in works by great Continental writers including Tolstoi, Undset, Gide, Mann, Pasternak, Lorca, Mauriac, Rilke, Unamuno and others. Spring semester—Even years
- ENGLISH 315E (Hum.51) MAJOR THEMES IN WESTERN LITERATURE. 3 credits
The study of selected titles from the liberal tradition of the Western world in terms of eight magnet themes: God, Man, Nature, Revolution, War and Peace, Love, Truth, Art. The authors studied range from Plato to Darwin, Marx, Freud, Sartre. Basically a discussion and independent-discovery course. Fall semester—Even years
- ENGLISH 403E (Hum.56) THE FILM AS ART. 3 credits
Study of selected films and discussion of cinematographic techniques involved. Spring semester

- HUMANITIES 100E (Hum.11) READINGS: THE HUMANITIES. 1 credit
Independent reading of five important books in literature, history and the social sciences. No regular class meetings. Essay examination for Pass-Fail grade. Fall and Spring semesters
- HUMANITIES 105E (Hum.12) READINGS: READINGS IN URBAN AMERICA. 3 credits
Independent study course comprising readings in history, literature and social sciences dealing with the theme of Urban America. No regular class meetings. Monthly discussion groups and a final paper aid students in perceiving inter-disciplinary relationships. Team-taught. Pass-Fail grade only. Fall and Spring semesters
- HUMANITIES 201E (Hum.30) INTRODUCTION TO SCIENCE I. 3 credits
A two semester survey of the major concepts and methods of modern science. The material is presented through lectures and demonstrations, and special attention is given to the implications of science for society at large. The course is a terminal one not intended for science majors and not supposing a background in mathematics. Fall semester
- HUMANITIES 202E (Hum.31) INTRODUCTION TO SCIENCE II. 3 credits
A continuation of Humanities 201E. Spring semester
- MUSIC 101E (Hum.22) INTRODUCTION TO MUSIC. 3 credits
An examination of the fundamentals of music. Survey of the musical styles of Western Civilization through a study of representative works. Planned listening assignments. Fall semester
- MUSIC 201E (Hum.23) SHORT HISTORY OF OPERA. 3 credits
Music for the operatic stage from its inception to the contemporary period. Concentrated study of selected works representing the stylistic and historical development of opera. Spring semester
- SOCIOLOGY 303E (Hum.40) CULTURAL ANTHROPOLOGY. 3 credits
A cross-cultural study of the influence of culture in explaining human behavior in primitive and modern societies. Fall semester

INSURANCE

John H. Christie, B.S., Chairman

- INSURANCE 301E (Ins.1) THE PRINCIPLES OF INSURANCE. 3 credits
This course provides a study of the underlying principles upon which all forms of insurance are based. Beginning with the theory of probabilities, the principles are developed as they apply to the different branches of the business. The four divisions of insurance—life, fire, marine, and casualty—are presented. Fall and Spring semesters
- INSURANCE 302E (Ins.2) THE PRINCIPLES OF LIFE INSURANCE. 3 credits
The course provides a study of the theory and practice of life insurance and of its legal aspects. Consideration is given to the various forms of life insurance—individual, group and industrial. The course is designed to give the student a knowledge of Social Security and of programming. Attention is also given to the supervision and the management of life insurance companies. Fall semester.
- INSURANCE 303E (Ins.3) FIRE AND INLAND MARINE INSURANCE. 3 credits
This course considers in detail the fire policy contract, home owners' policies, endorsements and forms, schedule rating, and the various inland marine insurance contracts and endorsements. Spring semester
- INSURANCE 304E (Ins.4) CASUALTY INSURANCE. 3 credits
The contents of the course in casualty insurance includes the following: automobile, burglary, public-liability, compensation, accident and health, steam boiler, machinery, and plate-glass insurance; and fidelity and surety bonds insurance. Attention is paid to policy contract, rate making, experience rating, special agreements and endorsements, assignment of policies, etc. Fall semester, 1974

LAW **(Business Law)**

Robert F. Lavelle, J.D., Chairman

LAW 201E (B.L.11) LAW OF CONTRACTS. 3 credits

Law of Contracts is designed to introduce the student to the essential nature of and the elements required in the formation of valid contracts. The topics covered are offer; acceptance; reality of consent; consideration; capacity of parties; illegality; writing; rights of third parties; performance and remedies. Fall and Spring semesters

LAW 202E (B.L.10) THE LEGAL ENVIRONMENT OF BUSINESS. 3 credits

The purpose of the course is to give the student an understanding of law and its social and economic impact on business. The areas considered include the nature and source of law; written law; law established by statute; judicial and administrative decisions; the judicial system; regulation of commerce; taxation of business; regulation of competition; business and labor; history of antitrust legislation; antitrust aspects of marketing and the Bill of Rights and business. Fall and Spring semesters

LAW 301E (B.L.24) LAW OF BUSINESS ASSOCIATIONS.

Prerequisite, Law 201E or Law 202E 3 credits

Law of Business Associations covers the common and statute laws relative to agency, the creation, operation, and termination of partnerships, joint stock companies, business trusts, and corporations. Throughout the course, emphasis is placed upon the Uniform Partnership Act and the Incorporation Act of the State of Pennsylvania. Spring semester, 1974

LAW 401E (B.L.26) LAW OF REAL ESTATE.

Prerequisite, Law 201E or Law 202E 3 credits

The purpose of this course is to provide an understanding of the legal problems involved in real estate transactions and an appreciation of the value of legal counsel. The principal topics are the real estate brokerage relationship; personal property and fixtures; rights in real estate; co-ownership; acquisition of title; recording and evidence of title; contracts to sell; mortgages; deeds; liens; landlord and tenant; restrictions and zoning; eminent domain; law of decedents, estates and law of wills. Fall and Spring semesters

LAW 402E (B.L.22) LAW OF NEGOTIABLE INSTRUMENTS, SALES AND SECURED TRANSACTIONS.

Prerequisite, Law 201E 3 credits

The course deals with the application of the principles of the Common Law and the Uniform Commercial Code to Negotiable Instruments, Sales, and Secured Transactions. The topics covered include the requirements of negotiability; negotiation and holder in due course; liability of the parties and discharge; checks and documents of title; formation and terms of sales contracts; title and risk; warranties and product liability; remedies; common law and statutory liens; security interests; priorities; and default and foreclosure. Fall semester, 1973

MANAGEMENT

Paul N. Wilson, C.P.A., M.B.A., M.M.E., Chairman

The Professional Option in Management consists of the following courses beyond the introductory courses:

Concentration in Operations Management—Management 205E, 302E, 304E, 401E.

Concentration in Industrial Relations—Management 302E; P and L Relations 304E, 401E, 471E.

The Certificate of Proficiency in Management: Accounting 101E, 102E; Economics 101E, 102E, 213E, 302E; English 101E, 102E; Finance 201E, 202E; Management 201E, 202E, 401E; Marketing 201E; Mathematics 101E, 102E; Philosophy—1 course from General Education offerings; Religion—1 course from General Education offerings; Electives—2 courses.

MANAGEMENT 201E (Mgt.60) ORGANIZATIONAL BEHAVIOR. 3 credits

Business organizations will be analyzed in an interpersonal setting with emphasis on the importance of work group behavior, individual behavior, supervisor behavior, intergroup behavior, and organizational change. Relevant findings of behavioral science are examined and related to work and productivity in a modern organization. Case discussions and readings contribute toward the formation of a conceptual framework to better understand organizational behavior and administration. Fall and Spring semesters

MANAGEMENT 202E (Mgt.21) PRODUCTION MANAGEMENT. 3 credits

Production is concerned with the structure and behavior of productive systems and their efficient management. Productive systems are defined to include a wide variety of operations which employ men and machines to produce goods or services. The primary objective of the course is to develop the student's basic understanding of the management task of designing and operating a productive system, including the specification of the outputs of the system, the establishment and modification of system structure, the planning and control of costs, information flows and material flows within the system, and the evaluation of system performance. Fall and Spring semesters

MANAGEMENT 204E (I.S.21) INTRODUCTION TO SYSTEMS. 3 credits
Prerequisite, C.S. 151E

The purpose of this course is to identify the decision requirements for the management of an organization, considering both formal and informal information systems. The student will be introduced to the concept of systems, their role in an organization, and system analysis. The design of a comprehensive information system which is used to facilitate decision making is analyzed. Fall semester

MANAGEMENT 205E (Mgt.22) SYSTEMS AND PROCEDURES. 3 credits
Prerequisite, Management 202E

This course is designed to give the student perspective and insight in the application of systems and procedures to management problems. The principal topics are: the nature of systems and procedures; the significance of the management environment; organizational placement of systems and procedures activity; sources and types of projects; systems analysis; machines and processes; communications; publications; flow charting; records and reports control; work sampling; and work simplification. Fall and Spring semesters

MANAGEMENT 206E (Mgt.26) INTRODUCTION TO INTEGRATED DATA PROCESSING SYSTEMS. 3 credits

This course is designed to familiarize the student with the ever-increasing important role that data processing applications are playing in today's world. Consideration is given to the following topics: the history and development of data processing; vocabulary and terminology of the data processing field; computer characteristics; programming; and system design. Fall semester

MANAGEMENT 301E (Mgt.55) QUANTITATIVE METHODS IN MANAGEMENT. 3 credits

The techniques of quantitative decision making are applied to management problems. Operations research, decision theory and mathematical programming are considered in depth. Emphasis is placed on the queuing theory, network design and model building. The concept of suboptimization is explored and comprehensive problems amenable to solution by quantitative methods are used extensively. (Spring semester only)

MANAGEMENT 302E (Mgt.13) PERSONNEL ADMINISTRATION. 3 credits

The personnel function is considered from the viewpoint of both the line manager and the staff personnel administrator. Recruitment, assignment, utilization and development of the human resources of an organization are stressed and the contribution of various disciplines to personnel administration is analyzed. The human problems of management and worker, as well as the techniques of personnel management, are explored in depth. Fall semester

MANAGEMENT 304E (Mgt.25) PRODUCTION AND INVENTORY CONTROL. 3 credits

The study of the principles and techniques of production and inventory control is developed in this course. Work analysis, work standard development, motion economy, and production scheduling are integrated with the areas of procurement and inventory management. Recently developed techniques are applied to case problems and the impact of automation and electronic data processing on production management is studied. Fall semester

MANAGEMENT 401E BUSINESS POLICY I: THE FORMULATION OF CORPORATE STRATEGY.

Prerequisite, Completion of the Business Core 3 credits

The purpose of this course is threefold: 1) To train the student in the integration and coordination of the functional areas of business (Marketing, Finance, Production, etc.); 2) To develop the student's ability to formulate goals and strategies for the firm; 3) To expand the student's awareness of the role of the general manager. The course will use case studies and a management simulation game to present and develop the concepts of corporate strategy. Fall semester

MANAGEMENT 403E (Mgt.61) INTERNATIONAL BUSINESS MANAGEMENT.

Prerequisite, 60 credit hours. 3 credits

Management of United States business abroad is examined and the problems of multi-national operation are analysed. The legal, financial, economic and political environment is considered and the managerial action in this environment is reviewed. The functions of production, marketing, and manpower management are stressed. (Fall semester only)

MANAGEMENT 405E (Mgt.41)

(Business Policy II: The Implementation of Corporate Strategy)

Prerequisite: Mgt. 401E 3 credits

The purpose of this course is to develop the concepts and skills essential to the implementation of corporate strategy. The course will focus on (1) the interdependence of the formulation of a corporate strategy and its subsequent implementation, and (2) the role which organizational structure and processes play in the successful implementation of a strategy. The course will use case studies, group process exercises and films to expose the student to the role of the general manager in the implementation of the strategy of his firm. Spring semester only.

MANAGEMENT 470E (Mgt.63) SEMINAR ON THE DEVELOPMENT OF MANAGEMENT SKILLS.

Prerequisite, 60 credit hours. 3 credits

The course is designed to stimulate the student's thinking in the non-technical aspects of business, and to further develop the skills required of an administrator. The role of power, motivation and control, within the organizational structure, will be the central focus of the research and discussion activity of the seminar. (Spring semester only).

PERSONNEL AND LABOR RELATIONS (Industrial Relations)

P. AND L. RELATIONS 301E (Eco.6) LABOR ECONOMICS. 3 credits

This course provides the student with an understanding of the roles played by union, employers and the government in the solution of the major economic and noneconomic problems of the worker in the United States. The structure, philosophy and function of management in the area of collective bargaining are analyzed. The role of the government in employee-

management relations is also examined. The various solutions to the problems of unemployment, substandard wages and personal insecurity are explored and their effectiveness evaluated. Existing and proposed labor legislation are surveyed. Identical with Economics 301E. Spring semester—Even years

P. AND L. RELATIONS 302E (Mgt.13) PERSONNEL ADMINISTRATION. 3 credits

The personnel function is considered from the viewpoint of both the line manager and the staff personnel administrator. Recruitment, assignment, utilization and development of the human resources of an organization are stressed and the contribution of various disciplines to personnel administration is analyzed. The human problems of management and worker, as well as the techniques of personnel management, are explored in depth. Identical with Management 302E. Fall semester

P. AND L. RELATIONS 303E (Mgt.36) LABOR LEGISLATION.

Prerequisites, Law 201E or Law 202E and Management 302E 3 credits

This course provides the student with an understanding of the objectives and actions of the federal and state governments in the field of labor management relations through a comprehensive consideration of the more important pieces of labor legislation. The principal topics are the application of the early legal doctrines to unions, the laws governing union activities and the law of collective bargaining. The National Labor Relations Act, the Railway Labor Act, and the Labor-Management Reporting and Disclosure Act of 1959 are among the more important pieces of labor legislation analyzed. State labor legislation is reviewed. (Spring semester—Even years)

P. AND L. RELATIONS 304E (Mgt.37) COMPENSATION METHODS AND JOB EVALUATION.

Prerequisites, Management 202E and 302E 3 credits

This course is designed to acquaint the student with the principles of job evaluation, compensation methods, and the technique and installation of incentive plans. (Spring semester—Odd years)

P. AND L. RELATIONS 401E (Mgt.38) COLLECTIVE BARGAINING.

Prerequisite, Management 302E 3 credits

Collective Bargaining is the study of the external and internal factors which influence the establishment of trade agreements and the application of the provisions of established trade agreement to day-to-day employer-employee problems. Some of the topics covered in this course are the functions of collective bargaining, its application in day-to-day operations, its characteristic processes and procedures, and the effect of the law on negotiations and the resulting trade agreement. These topics are explored, analysed, and answered through a study of authentic cases drawn from industry. Outside reading is required. (Fall semester only)

P. AND L. RELATIONS 471E (Mgt.62) COMPARATIVE LABOR RELATIONS. 3 credits

In this course the student will contrast the industrial and labor relations systems of selected countries grouped according to their stages of industrial development. Among the factors explored are the cultural, political, legal and economic aspects of each country, and the impact of these factors on the relationships between employer, worker, union and government. Pertinent readings and a term paper are required. (Spring semester—Odd years)

INNER-CITY BUSINESS PROGRAM

Recognizing the special needs of inner-city businesses, the Management Department offers the following courses specifically designed to develop the student's ability to effectively manage within the inner-city environment. Each course is designed to provide practical insights for both the minority businessman and the concerned student of business who wishes to assist the minority entrepreneur.

Courses in the Inner-City Business Program are open to all interested persons. An individual admitted to the Inner-City Business program may take the courses as a “special student” simply by requesting in writing permission from the Dean of the Evening Division. An applicant to this program will be required to file an Application for Admission and meet whatever entrance requirements are established for him by the Admissions Committee. A limited number of special scholarships are available to defray the tuition costs of this program; information is available from Mr. Paul N. Wilson, Chairman, Management Department, La Salle College Evening Division, Philadelphia, Pa. 19141.

The Management Department wishes to thank Mr. Ragan Henry, Attorney-at-law, Partner in the firm of Goodis, Greenfield, Henry, Shaiman & Levin, Philadelphia; and Mr. Garfield B. Harris, Executive Director, The Maple Corporation, Philadelphia, for their assistance in the development and presentation of these courses.

MANAGEMENT 501E (Mgt.65) PROBLEMS OF BUSINESS IN
THE INNER-CITY.

3 credits

This course will explore the problems faced by the businessman operating in the inner-city urban environment. The course will expose the student to representative types of situations faced by the inner-city businessman. Programs and tools presently utilized to cope with these problems, as well as those being proposed, will be discussed. Topics include: general introduction to course material; customer and product analysis; locations; insurance; capital requirements including sources of financing; legal considerations, taxes, licenses, advertising, publicity, personnel, and typical case studies. Fall semester

MANAGEMENT 502E (Mgt.66) FUNDAMENTALS OF MANAGEMENT FOR
THE INNER-CITY BUSINESSMAN.

3 credits

This course will explore the fundamental management techniques available in each functional area of business: marketing, production, accounting, finance and personnel. All material will be developed and presented in the context of the small minority business. The course will cover all areas of management that are required for effective operation of the small enterprise and will study the operational patterns that have resulted in success and failure for the inner-city businessman. Topics include: general introduction to course plan; accounting, record-keeping; purchasing, inventory, pricing, credit, selling and motivation techniques, and personnel. The course will also provide valuable background for the concerned individual who is interested in assisting the inner-city businessman as a consultant. Spring semester

MARKETING

George R. Swoyer, M.B.A., L.H.D., Chairman

The Professional Option in Marketing consists of the following courses beyond the introductory courses: Marketing 301E, 302E, 401E, 402E.

The Certificate of Proficiency in Marketing: Accounting 101E, 102E; Economics 101E, 102E, 203E, 302E; English 101E, 102E; Finance 201E, 202E; Management 201E, 202E; Marketing 201E, 301E; Mathematics 101E, 102E; Philosophy—1 course from General Education offerings; Religion—1 course from General Education offerings; Electives (2)—1 elective course in Marketing and 1 other elective course.

MARKETING 201E (Mkt.1) PRINCIPLES OF MARKETING.

3 credits

The purpose of this course is to provide the student with a broad background of the important principles and factors relating to the marketing functions in the American economy. The principal topics are the nature, significance and functions of marketing; consumer motivation; behavior and buying problems; wholesaling and retailing of consumer goods; marketing industrial goods

and raw materials; market research and merchandise development; buying, selling, price policies and practices; channels of distribution; and governmental relationships to marketing. Fall and Spring semesters

MARKETING 301E (Mkt.3) PERSONAL SELLING.

Prerequisite, Marketing 201E 3 credits

The purpose of this course is to acquaint the student with the development, the importance and the practice of individual selling. In the treatment of the content, primary consideration is given to sales personality, the phase of sales presentation, types of buyers, and the ethics in salesmanship. The students are required to make actual sales presentations. Spring semester

MARKETING 302E (Mkt.5) ADVERTISING.

The course provides a complete, up-to-date treatment of the economic and social aspects of advertising, including the important methods and techniques of research which form the basis of any advertisement or advertising campaign; a practical treatment of copy, layout and media; effectiveness of advertising, advertising departments and the advertising agency. Fall semester

MARKETING 303E (Mkt.4) SALES ADMINISTRATION.

Prerequisite, Marketing 201E 3 credits

The aim of this course is to familiarize the student with the activities of a sales administrator in directing and controlling sales force. The topics considered are the recruitment, selection, training, compensation, motivation and supervision of salesmen. Other topics also included are the establishment of sales territories, quotas and budgets. Fall semester

MARKETING 304E (Mkt. 7) INDUSTRIAL MARKETING.

Prerequisite, Senior Standing. 3 credits

Course analyzes problems peculiar in nature or outlook to industry. Challenges and opportunities considered include products, services and administration related to industrial marketing of capital equipment, technology and commodity items—as well as systems. The course includes planning (research sources, analysis, projection) and administration (advertising, promotion, audiences, result measurement). Case study, supplemented by conventional lecture and discussion. Spring semester

MARKETING 401E (Mkt.6) MARKETING RESEARCH AND ANALYSIS.

Prerequisite, Senior Standing. 3 credits

This course deals with the use of scientific method in the solution of specific marketing problems and in the conduct of general market research studies. Topics considered include purposes achieved by market research and analysis; agencies for carrying on the work; sources of information; problems of research and analysis, methods of carrying on research and of analyzing information obtained; and the proper presentation of the results. Spring semester

MARKETING 402E (Mkt.2) MARKETING MANAGEMENT.

Prerequisite, Senior Standing. 3 credits

Integrates all other Marketing courses. Study of actual business cases employing managerial approach to marketing, emphasis on decision making and the strategies used by the marketing manager as he adapts his marketing mix to rapidly changing conditions. Fall semester

MATHEMATICS

Edward J. Nolan, M.Ch.E., Chairman

The Department of Mathematics offers a curriculum which provides options in the following Areas of Concentration:

- 1—APPLIED MATHEMATICS
- 2—COMPUTER SCIENCE MATHEMATICS
- 3—EDUCATION MATHEMATICS

Required for Major in Mathematics: 15 courses

- Computer Science 151E

- Mathematics 120E, 221E, 222E, 240E, 341E, 413E [these basic courses are required of all Mathematics Majors] the following courses are additional requirements for:

CONCENTRATION IN APPLIED MATHEMATICS

- Mathematics 322E, three courses out of the following four: Mathematics 321E-325E-426E-427E, two advanced courses in Mathematics selected in consultation with the Department Chairman.
- Physics—Eph.101E, Eph.102E

CONCENTRATION IN COMPUTER SCIENCE MATHEMATICS

- Computer Science 152E, 350E, 351E, 355E, 356E
- Mathematics 322E, 421E, one advanced Mathematics course selected in consultation with the Department Chairman.
- Physics—Eph.101E, 102E (fulfilled in the Distribution Requirement)

CONCENTRATION IN EDUCATION MATHEMATICS

- Mathematics 321E or 325E, 333E, four courses selected in consultation with the Department Chairman.
- Physics—Eph.101E, Eph.102E

MATHEMATICS 010E (Mth.10) COLLEGE ALGEBRA.

No credit

The purpose of this course is to develop a mastery of the fundamental concepts of algebra. It is a basic course intended for those who do not qualify for Mathematics 113E. The principal topics are fundamental operations, factoring, fractions, exponents, radicals, graphing, linear and quadratic equations, and problem solving. Fall and Spring semesters

MATHEMATICS 011E ELEMENTARY ALGEBRA.

No credit

This course provides an opportunity to build basic computational skills in arithmetic and algebra. It is intended for those who are not adequately prepared for Mathematics 101E. The course is self-paced; the source material for this course is presented on tape; the student has access to a teacher who provides additional individualized diagnostic testing and instruction. The topics of the course include: sets, signed numbers, fractions, exponents, operations on algebraic expressions, equations, and function. Fall and Spring semesters

MATHEMATICS 101E (Mth.15) SURVEY OF MATHEMATICS—PART 1.

3 credits

Sets, algebraic systems, elementary functions, exponents and logarithms, matrices and systems of linear equations, principles of counting, probability, analytic geometry, and differential and integral calculus. A terminal course, science students or potential science students may not schedule this course. Fall and Spring semesters

MATHEMATICS 102E (Mth.16) SURVEY OF MATHEMATICS—PART 2.

Prerequisite, Mathematics 101E

3 credits

Continuation of Mathematics 101E. Fall and Spring semesters

MATHEMATICS 113E (Mth.13) PRECALCULUS MATHEMATICS.

Prerequisite, Mathematics 010E or a qualifying score in the Mathematics Achievement Test.

4 credits

This course is designed to permit students entering with sufficient background in mathematics to complete their calculus preparation in one semester. Topics covered include—an introduction to sets, inequalities, sequences, limits, algebraic structures and complex numbers. Concomitantly, it is expected that the student will pursue certain topics by himself e.g., logarithms, exponents, oblique triangles. Fall and Spring semesters

MATHEMATICS 120E (Mth.23) ANALYTIC GEOMETRY AND CALCULUS—PART 1.

Prerequisite, Mathematics 113E or permission of Dept. Chairman.

4 credits

This is the first of a series of three courses in analytic geometry and calculus in which an integrated treatment is given to the following subjects: the basic concepts of analytic geometry; graphs of functions; basic concepts of calculus; the derivative with applications to curve tracing;

maxima and minima; velocity, acceleration and rates; differentials; approximate values; integration. Fall and Spring semesters

MATHEMATICS 221E (Mth.24) ANALYTIC GEOMETRY AND CALCULUS—PART 2.

Prerequisite, Mathematics 120E 4 credits

The topics considered in Part 2 of analytic geometry and calculus are the transcendental functions, methods of integration, improper integrals, plane analytic geometry and polar coordinates. Fall and Spring semesters

MATHEMATICS 222E (Mth.25) ANALYTIC GEOMETRY AND CALCULUS—PART 3.

Prerequisite, Mathematics 221E 4 credits

Mathematics 222E concludes the sequence in analytic geometry and calculus. The topics discussed are: parametric equations; vector functions and their derivatives; partial differentiation and applications; infinite series. Fall and Spring semesters

MATHEMATICS 240E (Mth.30) LINEAR ALGEBRA.

Prerequisite, Mathematics 222E 3 credits

Matrix algebra; determinants; finite dimensional vector spaces; characteristic roots and characteristic vectors; introduction to abstract vector spaces and linear transformations. Fall semester—Odd years

MATHEMATICS 321E (Mth.32) ADVANCED CALCULUS.

Prerequisite, Mathematics 240E 3 credits

Line integral; the differential; continuation of vector, calculus derivative; the gradient theorems of Green, Gauss and Stokes; multiple integrals; uniform convergence; series of real-valued functions. Spring semester—Even years

MATHEMATICS 322E (Mth.36) ORDINARY DIFFERENTIAL EQUATIONS.

Prerequisite, Mathematics 222E 3 credits

This course gives an extended treatment of ordinary differential equations with applications to the physical sciences. The topics covered are: linear differential equations with constant and variable coefficients; simultaneous equations; special higher order equations; series solutions; Laplace Transforms. Fall and Spring semesters

**MATHEMATICS 325E (Mth.47) TOPICS IN APPLIED MATHEMATICS—PART 1
ORTHOGONAL FUNCTIONS AND BOUNDARY VALUE PROBLEMS.**

Prerequisite, Mathematics 322E 3 credits

Orthogonal functions, Fourier Series, and integrals; boundary value problems; Bessel functions and Legendre polynomials with applications. Fall and Spring semesters

MATHEMATICS 333E (Mth.44) INTRODUCTION TO MODERN ALGEBRA.

Prerequisite, Mathematics 321E 3 credits

In this course stress is placed upon the understanding of formal proofs of the theorems and the development of the student's ability to construct such proofs for himself. Although emphasis is placed primarily upon the axiomatic method, selected topics prepare the student for further work in mathematics and physical science. The topics include number theory, set and group theory, vector spaces and elementary field theory. Spring semester—Odd years

MATHEMATICS 341E (Mth.38) MODERN GEOMETRY.

Prerequisite, Mathematics 333E 3 credits

This course is designed to introduce the student to Non-Euclidean Geometry. The approach is to determine how the varying of the parallel axiom of Euclid leads naturally to parabolic, elliptic and hyperbolic geometry. Ample examples are presented and interesting theorems are proven which interrelate the three systems. Special emphasis is placed on projective geometry where famous theorems are derived in the pure sense by logical deduction employing the axioms of the system and in the algebraic sense by the manipulation of equations in homogeneous coordinates. Topics include: axiomatic systems, harmonic elements, cross ratio, perspectives and the projective theory of conics. Fall semester—Odd years

MATHEMATICS 413E (Mth.46) PROBABILITY AND STATISTICS.

Prerequisites, Mathematics 222E, 341E 3 credits

Probability and statistics based on set theory. Sample spaces, binomial distribution, correlation, sampling theory, random variables. Fall semester—Odd years

MATHEMATICS 414E (Mth.60) INTRODUCTION TO OPERATIONS RESEARCH.

Prerequisite, Mathematics 413E, or permission of Dept. Chairman 3 credits

Convex sets; the fundamental extreme point theorem; the simplex method; elementary game theory; duality and the minimax theorem. Spring semester—Odd years

MATHEMATICS 421E (Mth.43) NUMERICAL ANALYSIS.

Prerequisite, Mathematics 322E 3 credits

Difference methods and polynomial curve fitting; method of least squares; numerical solution of algebraic and transcendental equations; numerical differentiation and integration; numerical solution of ordinary differential equations. Fall semester—Even years

**MATHEMATICS 426E (Mth.48) TOPICS IN APPLIED MATHEMATICS—PART 2.
COMPLEX VARIABLES.**

Prerequisite, Mathematics 325E 3 credits

Analytic functions; exponential and algebraic functions and their geometry, Cauchy-Goursat Theorem, Taylor and Laurent series, residues and poles, conformal mapping and applications, analytic continuation, inverse transforms by contour integration. Fall and Spring semesters

MATHEMATICS 427E (Mth.49) TOPICS IN APPLIED MATHEMATICS—PART 3.

Prerequisite, Mathematics 325E 3 credits

Special functions of mathematical physics; integral transforms hypergeometric functions; Laguerre, and Hermit polynomials; applications to physical problems. Spring semester—Even years

MATHEMATICS 430E (Mth.52) TOPOLOGY.

Prerequisites, Mathematics 321E, 341E 3 credits

Topological spaces, subspaces, product spaces, quotient spaces, connectedness, compactness, metric spaces, applications to analysis. Fall semester—Even years

COMPUTER SCIENCE

COMPUTER SCIENCE 151E (Math.17) INTRODUCTION TO COMPUTING.

Prerequisite, Mth. 102E, or Mth. 113E 3 credits

Basic programming and program structure, data representation, survey of computers,—languages, systems, and application—and computer solution of several numerical and non-numerical problems. Fall and Spring semesters

COMPUTER SCIENCE 152E COMPUTERS AND PROGRAMMING.

Prerequisite, C.S. 151E 3 credits

Computer systems organization, machine language and symbolic coding, assembly systems, macro definition and generation, program segmentation and linkage, systems and utility programs. Spring semester

COMPUTER SCIENCE 350E INTRODUCTION TO DISCRETE STRUCTURES.

Prerequisite, C.S. 151E 3 credits

Review of set algebra including mappings and relations, algebraic structures including semi-groups and groups, elements of the theory of directed and un-directed graphs, boolean algebra and propositional logic, and applications of these structures to various areas of computer science.

COMPUTER SCIENCE 351E PROGRAMMING LANGUAGES.

Prerequisites, C.S. 152E, 350E 3 credits

Formal definition of programming languages including specification of syntax and semantics, simple statements including precedence, infix, prefix, and postfix notation, global properties of algorithmic languages scope of declarations, storage allocation, grouping of statements, binding time of constituents; subroutines; coroutines, and tasks, list processing, string manipulation, data description and simulation languages, run-time representation of programs and data structures.

COMPUTER SCIENCE 355E COMPUTER SYSTEMS: HARDWARE AND SOFTWARE.

Prerequisite, C.S. 152E 3 credits

Hardware modules for control, input-output, arithmetic and storage and their interaction, operating systems software, multiprogramming, multiprocessing, teleprocessing, time-sharing and real-time systems, software design. Fall semester

COMPUTER SCIENCE 356E INFORMATION STRUCTURES IN COMPUTING.

Prerequisite, C.S. 355E 3 credits

Basic concepts of information, modeling structures—linear lists, multilinked structures, arrays and trees, sorting and searching, file system functions, organization and structure, analysis of file systems, and data management systems. Spring semester

COMPUTER SCIENCE 471E SELECTED TOPICS IN COMPUTER SCIENCE. 3 credits

An introductory course to specialized research in computers and computing concentrating on one particular aspect of computer science. The subject matter will vary from term to term.

MUSIC

MUSIC 101E (Hum.22) INTRODUCTION TO MUSIC. 3 credits

An examination of the fundamentals of music. Survey of the musical styles of Western Civilization through a study of representative works. Planned listening assignments. Fall semester

MUSIC 201E (Hum.23) SHORT HISTORY OF OPERA. 3 credits

Music for the operatic stage from its inception to the contemporary period. Concentrated study of selected works representing the stylistic and historical development of opera. Spring semester

PHILOSOPHY

GENERAL EDUCATION

The Philosophy Department offers the courses listed here to fulfill the general education requirement. The student should choose in sequence one course from Section A and one course from Section B.

SECTION A

PHILOSOPHY 151E (Phi.11) LOGIC. 3 credits

An introduction to the fundamental principles of correct reasoning. Topics considered will be logical validity, deductive argument, formal and informal fallacies. The course includes both traditional and modern approaches to logic. Fall and Spring semesters

PHILOSOPHY 152E INTRODUCTION TO PHILOSOPHY. 3 credits

A study of some basic philosophical questions and approaches to them. The purpose of the course will be to introduce the student to the process of philosophical argumentation. Themes to be considered are the nature of reality, the justification of knowledge, the existence of God and other general themes. Fall and Spring semesters

SECTION B

PHILOSOPHY 161E (Phl.12) HUMAN NATURE AND HUMAN DESTINY. 3 credits

A study of man including the questions of his identity and of his relationship to others and to the material world. Themes discussed include those of freedom and love, the dilemma of self-alienation, and the various manifestations of concern with human destiny. Fall and Spring semesters

PHILOSOPHY 162E (Phl.13) FOUNDATIONS OF MORAL LIFE. 3 credits

A study of philosophical interpretations of moral life and their application to specific problems. Themes discussed include the nature of commitment and responsibility, the problems of conscience and moral law, the character of moral judgment, and the notions of the good and the common good. Fall and Spring semesters

PHILOSOPHY

Michael J. Kerlin, Ph.D., Chairman

PHILOSOPHY 301E (Phl.16) AESTHETICS. 3 credits

A consideration of the nature of art, art activity, art appreciation, and the function of art, with special reference to art history. The course seeks to provide the student with an elementary basis for forming a critical judgment with respect to art (and fine art) in general and specific works of art in particular. Fall semester, 1973

PHILOSOPHY 302E (Phl.18) EASTERN PHILOSOPHY. 3 credits

A comparative study of Asian thought with special emphasis on philosophies originating in India and China. Logical, metaphysical, epistemological, ethical, and political problems will be used as a framework for the study. Spring semester, as announced

PHILOSOPHY 303E (Phl.17) AMERICAN PHILOSOPHY. 3 credits

A study of vital American thought in three periods: New England transcendentalism; the classical group (Pierce, James, Royce, Santayana, Dewey, Whitehead); and the contemporary movements as seen in the philosophies of Perry, Hocking, Mead, Sellars, Lovejoy, and Brightman. The course will discuss American thought in its relationship to pragmatism, process philosophy, and personalism. Spring semester, 1974

PHILOSOPHY 305E (Phl.15) PHILOSOPHY OF COMMUNISM. 3 credits

A study of dialectical materialism considered as the philosophical foundation of contemporary socialism and communism. The basic writings of Marx, Engels, Lenin and their immediate disciples will be analyzed, along with the works of the French and British socialists. Spring semester, 1974

PHILOSOPHY 402E (Phl.14) PHILOSOPHY OF SCIENCE. 3 credits

An investigation of the relationship between philosophy and science from the standpoint of knowledge and method; philosophical problems common to the natural and social sciences. An historical survey will discuss the development of scientific method and the nature of scientific progress. Fall semester, 1973

POLITICAL SCIENCE

Robert J. Courtney, Ph.D., Chairman

POLITICAL SCIENCE 101E (Pol.1) THE SCIENCE OF GOVERNMENT. 3 credits

The course is designed to give the student an appreciation of the principles, theories, development and practical workings of the major modern governments. The content of the course includes a consideration of the theory and elements of the state; types of governments; the organization of governments and their principal activities. Fall and Spring semesters

POLITICAL SCIENCE 102E (Pol.2) AMERICAN FEDERAL GOVERNMENT. 3 credits

This course provides a basic understanding of the organization, operation and function of the Federal Government of the United States. The principal topics considered are the constitutional basis of the Federal Government, the rights of the people, the political processes, and

the organization, powers and operation of the various branches of the government. Fall and Spring semesters

POLITICAL SCIENCE 103E (Pol.7) MODERN POLITICAL THOUGHT. 3 credits

This course is a consideration of major trends in political philosophy from the 18th century to the present. As announced.

POLITICAL SCIENCE 201E (Pol.3) POLITICAL GEOGRAPHY. 3 credits

This course is a survey of the geographic factors influencing the real and potential economic and political development of nations. Fall and Spring semesters

POLITICAL SCIENCE 205E (Pol.8) PUBLIC ADMINISTRATION. 3 credits

An analysis of the role, internal characteristics and political activity of United States administrative agencies; the methods and effectiveness of political control by legislative and executive bodies; the relation of administrative agencies to democratic political theory especially in the urban context. Summer sessions

POLITICAL SCIENCE 209E (Pol.5) COMPARATIVE GOVERNMENT. 3 credits

A comparative analysis of the constitutional principles and governmental organizations of the major European powers. As announced.

POLITICAL SCIENCE 211E (Pol.6) INTERNATIONAL RELATIONS. 3 credits

An analysis is made of the basic patterns and major factors underlying international politics. Consideration is given to current international problems. As announced.

PSYCHOLOGY

Victor D. Brooks, Ed.D., Chairman

Required for Major in Psychology: 14 courses.

- Psychology 101E, 102E, 210E, 211E, 319E, 320E and 6 elective courses in psychology. (*Psychology 210E, 211E, 319E and 320E are required for entrance to most graduate programs in psychology. The student who does not plan on graduate study in psychology may, after consultation with the Department Chairman, substitute other psychology courses for these to fulfill major requirements.*)
- Mathematics 101E, 102E.

N.B. Psychology 101E is a prerequisite for all other psychology courses; further prerequisites are indicated for certain courses.

PSYCHOLOGY 101E (Psy.3) GENERAL PSYCHOLOGY—PART 1. 3 credits

An introduction to the facts and theories of the science of psychology. The nature of the human person and his behavior are studied, insofar as these are known from scientific observations. The nature, scope, and methods of modern scientific psychology, the biological and social foundations of behavior, motivation, and emotions constitute the subject matter. Fall and Spring semesters

PSYCHOLOGY 102E (Psy.13) GENERAL PSYCHOLOGY—PART 2. 3 credits

A continuation of Psychology 3. For students who plan to major in psychology and for other students who desire a more intensive coverage of the principles and theories of psychology than is possible in the first course. Fall and Spring semesters

PSYCHOLOGY 112E (Psy.2) PERSONNEL PSYCHOLOGY. 3 credits

The purpose of this course is to introduce students to the methods and empirical findings of personnel psychology. The course covers the use of psychological techniques practiced in the recruiting, interviewing, testing, selecting and placing of employees. The student will receive preliminary training in the use of psychological tests for measuring intelligence, aptitude, interest and personality. Fall and Spring semesters

PSYCHOLOGY 205E (Psy.1) PSYCHOLOGY OF ADJUSTMENT. 3 credits

This course has the threefold purpose of providing the student with an understanding of modern psychological principles, of helping him to become more effective in his social relationships, and of aiding him in evaluating his own personal patterns of behavior. Fall and Spring semesters

- PSYCHOLOGY 208E (Psy.8) PERSONALITY DYNAMICS. 3 credits
 An analysis of the human system, the dynamics of individual behavior, and a consideration of resources necessary for effective living as they are related to a better understanding of personal adjustments in healthy persons developing toward maturity. As announced
- PSYCHOLOGY 210E (Psy.9) PSYCHOLOGICAL STATISTICS—PART 1. 3 credits
 Prerequisites, Psy. 102E, Mth. 102E
 An introduction to statistics, emphasizing such descriptive measures as central tendency, variability and correlation. Fall semester, 1973
- PSYCHOLOGY 211E (Psy.10) PSYCHOLOGICAL STATISTICS—PART 2. 3 credits
 Prerequisite, Psy. 210E
 An intermediate course in inferential statistics, emphasizing such techniques as the analysis of variance and t-tests. Spring semester, 1974
- PSYCHOLOGY 221E (Psy.5) CHILD AND ADOLESCENT PSYCHOLOGY. 3 credits
 A survey of the development of children from birth through adolescence. Aspects of physical, intellectual, motor and personality development will be considered. The etiology and modification of deviant behavior in the various age groups will be discussed. Fall semester, 1973
- PSYCHOLOGY 222E (Psy.6) INTERVIEWING AND COUNSELING TECHNIQUES. 3 credits
 A presentation of interviewing as a tool of communication with accent on the personnel and social work areas. A study of the skills involved from the casual meeting to the intensive interrogation. A survey of counseling methods. Fall semester, 1973
- PSYCHOLOGY 306E (Psy.24) TESTS AND MEASUREMENTS. 3 credits
 The selection, administration and interpretation of psychological tests used in the measurement of aptitudes, achievement, interest and personality. As announced
- PSYCHOLOGY 315E (Psy.4) ABNORMAL PSYCHOLOGY. 3 credits
 An introductory course surveying the principal forms of the major and minor mental disorders, with emphasis on the causes, symptoms, course and treatment. An analysis of the overall problem of mental illness and a study of certain borderline personality and behavioral patterns and other forms of psychological deviation. Fall semester, 1973
- PSYCHOLOGY 319E (Psy.11) EXPERIMENTAL PSYCHOLOGY—PART 1. 4 credits
 Prerequisites, Psy. 210E
 A laboratory course designed to introduce the student to the classical psychological experiments and to train him in the methods of experimental design and research. Experiments on the sensory processes, perception, learning, memory, thought processes, and emotions. Fall semester, 1973
- PSYCHOLOGY 320E (Psy.12) EXPERIMENTAL PSYCHOLOGY—PART 2. 4 credits
 Prerequisite, Psy. 319E
 Lectures and discussions on modern experimental psychology. For laboratory work, the student plans, designs, and performs an original research experiment. Spring semester, 1974
- PSYCHOLOGY 325E (Psy.21) READINGS IN PSYCHOLOGY. 3 credits
 Prerequisite, Psy. 102E
 Readings consist of basic books and periodicals having relevance for the broad field of psychology; assignments discussed in seminar fashion at one two-hour meeting weekly. As announced
- PSYCHOLOGY 364E (Psy.7) SOCIAL PSYCHOLOGY. 3 credits
 A study of the facts and theories dealing with the phenomena of social behavior. Focuses on individual behavior as it affects and is affected by the behavior of others. Spring semester, 1974

REAL ESTATE

REAL ESTATE 101E REAL ESTATE PRINCIPLES AND PRACTICES.

3 credits

This is a basic course designed to form the foundation for all other courses in real estate. It acquaints the student with types of real estate brokerage, financing, legal instruments and restrictions, office and property management, marketing techniques and current trends within the industry. Real estate mathematics to assist the student taking the state licensing examination is also included.

REAL ESTATE 201E REAL ESTATE FINANCE.

3 credits

Financing is an integral part of most real estate transactions. Investment in real estate is an increasingly large share of a financial institution's concern. Types of financing both through private institutions and under government sponsorship will be studied. The relationship between financing in real estate and in other areas of the economy will be noted and the interdependencies in the economy, the real estate industry, and the banking community exposed.

REAL ESTATE 205E REAL ESTATE SALES MANAGEMENT.

Prerequisite: Real Estate 101E or presently a Real Estate
Salesman or Broker

3 credits

The student is placed in the position of managing the sales force of a real estate firm. Proper sales management techniques of staffing and compensating a sales force, covering a territory, supplying listings and sales, promotion of properties are studied. Integration of broker management philosophy with office practices and sales objectives are also discussed.

REAL ESTATE 210E REAL ESTATE APPRAISAL.

Prerequisite, Real Estate 101E or presently a
Real Estate Salesman or Broker

4 credits

The course is divided into classroom study and practical outside applications of appraisal. The appraisal process is studied in depth and practiced. Changes in economic trends, neighborhood analysis, site analysis, building costs and materials, types of depreciation and costs are explained and evaluated.

REAL ESTATE 214E REAL ESTATE INVESTMENT AND ANALYSIS.

3 credits

Real estate development is studied as an investment opportunity. Types of investment, methods of financing, liquidity, tax advantages, market analysis with feasibility studies are investigated to insure proper investment decision making.

REAL ESTATE 401E REAL ESTATE LAW AND CONVEYANCING.

Prerequisite, Real Estate 101E or Licensed Real
Estate Salesman or Brokers

3 credits

Property rights of ownership, contractual limitations, types of deeds, liens, bonds, mortgages, leases and other real estate instruments will be explained in depth. Current trends and changes in laws affecting the conduct of real estate will be explored. Preparation of mortgages, deeds, conveyancing of property, transfer and closing of title will be an integral part of the course. (Identical to Law 401E)

RELIGION

The La Salle College Evening Division in keeping with its philosophy and objectives requires each student to take two courses in theological studies as part of his general education requirements. The department further provides a wide variety of courses in Biblical Studies, Theological Studies, Historical Studies, and Religious Studies.

GENERAL EDUCATION

The Religion Department offers the courses listed here to fulfill the general education requirement. The student may choose any two of these courses.

RELIGION 161E (The.10) THE BIBLE AS RELIGIOUS LITERATURE. 3 credits

A study of the Bible focusing on the religious and human experience of those who, under divine guidance, wrote it. An analysis of Jewish and Christian religious literature in general. The literary genres of the Bible. External circumstances that exerted an influence on the composition of the Bible. Directed readings in the Bible accompanied by explanation, interpretation, and discussion of principal ideas. Fall, 1973; Fall, 1974

RELIGION 163E (The.30) HUMAN RELIGIOUS EXPERIENCE (PHENOMENOLOGY OF RELIGION). 3 credits

A study of the diverse patterns of thought and behavior that express man's religious experience. The universality of this experience, and the different ways it manifests itself in the great religious traditions, east and west, primitive and modern. The course will attempt to identify the common elements of these religious traditions as well as those elements which set one tradition off from another. Fall, 1973; Fall, 1974

RELIGION 165E (The.44) THE RELIGIOUS DIMENSION IN MODERN LITERATURE.

An investigation of the various cross-currents between religion and literature as seen in contemporary and modern texts. Man's search for ultimate meaning; various literary expressions of religious experience; a comparison between the religious questions found in modern literature and those found in sacred scripture: the presence or absence of God; the moral dilemma; the freedom of man; etc. Spring, 1974; Spring, 1975

RELIGION 166E (The.25) RELIGIONS OF THE EAST. 3 credits

A survey study of the living religions of the world that lie outside the Judaeo-Christian tradition. The sacred literature, historical origin and development, basic beliefs, religious practices. The course will center around Hinduism, Buddhism, Confucianism, Taoism, and Islam. Spring, 1974; Spring, 1975

RELIGION

William J. Martin, F.S.C., S.T.D., Chairman

BIBLICAL STUDIES

RELIGION 210E (Thl.11) OLD TESTAMENT THEMES. 3 credits

A study of the origin and development of biblical traditions and theological themes: God, man, the meaning of life, the Exodus theme, prophecy, etc. Such ideas will be studied in both their Old Testament context as well as their relation to the New Testament. Summer, 1974

RELIGION 212E THE PROPHETS OF ANCIENT ISRAEL. 3 credits

An introductory study of prophecy and prophetic literature in the Bible. The course will investigate prophecy as an institution in the Near East, its appearance and development in Israel, the various forms it took, and its historical disappearance. Special attention will be given to the prophetic books of the Bible, which will be read and commented on in some detail. Spring, 1974; Spring, 1975

RELIGION 213E (Thl.12) THEOLOGY OF THE NEW TESTAMENT. 3 credits

A general examination of the historical background of New Testament times, with special emphasis on those factors that most contributed to the formation of New Testament literature. The literary forms found in New Testament literature: gospel, letters, apocalypse, etc. With this as background, the course will undertake an in-depth study of one of the gospels or a major epistle of St. Paul. Fall, 1973; Fall, 1974

THEOLOGICAL STUDIES

RELIGION 220E (Thl.14) THE CHURCH OF CHRIST. 3 credits

An inquiry into the life and structure of Christian community. The psychological and theological factors which bring men together to constitute "Church". The Church as eschatological

community in relation to Christ. A study of those ideas most generally attributed to Church: unity and catholicity, organization, ministry, and mission. Spring, 1974

RELIGION 221E (Thl.20) CONTEMPORARY CHRISTOLOGY. 3 credits

A survey of the post-biblical developments concerning the person and mission of Jesus, with emphasis on the contemporary attempt to reinterpret Jesus as Man and God. Fall, 1973

RELIGION 222E (Thl.18) SACRAMENTS AND WORSHIP. 3 credits

A study of the nature, form, and function of sacred symbols in the collective experience of mankind, with special reference to the Judaeo-Christian tradition. An inquiry into the origin and development of the specifically Christian sacraments highlighting some of the problems of modern sacramental theology. Fall, 1974

RELIGION 223E (Thl.21) CONTEMPORARY MORAL PROBLEMS. 3 credits

A study of human actions with emphasis on their religious dimensions. The question of revealed moral commands in religious tradition. The experience of morality. Various Christian moral traditions. An in-depth study of some of the current moral issues: war, conscientious objection, civil disobedience, human sexuality, business and medical ethics, etc. Spring, 1975

RELIGION 229E (Thl.49) AN OVERVIEW OF PROTESTANT THEOLOGY. 3 credits

A critical examination of the origin and principles of Reformation theology as they have been worked out in the religious movement called "Protestantism". Special attention will be given to the important personages of the Reformation who have shaped the religious thinking of the West. Students will be introduced to such notable theologians as Barth, Brunner, Bultmann, Bonhoeffer, Niebuhr, Tillich, and Cox. Summer, 1974

HISTORICAL STUDIES

RELIGION 230E (Thl.60) AMERICAN RELIGIOUS THOUGHT. 3 credits

A study of the major religious movements within the Roman Catholic Church and Protestant churches in the United States from the American Revolution to the present day. The course will investigate the theological implications for the churches of such movements as the American Revolution, the Great Awakening, the Abolitionist Movement, the Civil War, the Gospel of Wealth, the Great Depression, World War II, and the Atomic Age. Spring, 1975

RELIGION 331E (Thl.54) RELIGIOUS DYNAMIC OF THE MIDDLE AGES AND RENAISSANCE. 3 credits

A study of religion in the Middle Ages and Renaissance periods concentrating on such popular movements as the Cathars, Wladensians, Fraticelli, Lollards, and Beguines, as well as on such phenomena as millenarism, reformation, and conciliarism. Relation of these movements and phenomena to the evolution of art, the inquisition, papacy, universities, and monasteries. The religious and ethical implications of humanism and capitalism. Fall semester, 1973

RELIGION 332E (Thl.57) NINETEENTH-CENTURY RELIGIOUS THOUGHT. 3 credits

A critical examination of the great religious movements of the nineteenth century that have most contributed to the present religious situation. This course will focus on the encounter between Christian thought and nineteenth-century philosophy, history, and natural science. Special attention will be given to Newman and the Oxford Movement; Fauerbach and the post-Hegelian criticism; the religious thought of Marx and Engels; Strauss and history; Darwin and the challenge of science; the advent of liberalism in Protestant and Catholic circles. Spring, 1974

RELIGIOUS STUDIES

RELIGION 242E (Thl.35) CONTEMPORARY JUDAISM. 3 credits

A study of the historical origin, roots, and developments of Judaism as a religion, as well as a cultural, civil, and ethnic group. The course will evaluate Jewish social and educational values as well as religious problems and attitudes among Jews today. Fall, 1973; Fall, 1974

RELIGION 351E (Thl.70) THEOLOGY 70. CONTEMPORARY CATECHETICAL METHODS. 3 credits

A course in the theory and practice of organizing and teaching religion classes. Designed primarily but not exclusively for CCD teachers. Students receiving a B grade in this course may request from the Archdiocese of Philadelphia the Intermediate Certification for teaching religion. Summer, 1974

SOCIOLOGY

Richard C. Leonard, Ph.D., Chairman

Required for Major in Sociology: 10 courses.

- General Sociology: Sociology 102E, 103E, 401E, 402E, 414E and .5 additional Sociology electives.
- Criminal Justice Concentration: Sociology 102E, 103E, 122E, 221E, 401E, 402E, 414E, 415E, 416E, 481E.

SOCIOLOGY 100E (Soc.10) INSTITUTE IN CRIMINAL JUSTICE. 3 credits

Designed for law enforcement and correctional personnel, this course will involve a consideration for the causes and treatment of crime and delinquency. Special emphasis will be given to current legal and social changes facing criminal justice personnel. Lecture and discussion sessions will feature guest speakers and faculty. First Summer Session

SOCIOLOGY 101E SOCIOLOGICAL PERSPECTIVES (PROBLEMS). 3 credits

Introduction to the study of American society with a social problems focus. The student's own lifestyle as well as specially designed field observations would be covered in this course. Fall semester

SOCIOLOGY 102E (Soc.11) INTRODUCTION TO SOCIOLOGY. 3 credits

Emphasis will be on sociological concepts and a beginning introduction to sociological theory. This course is specially recommended for those students intending to major in sociology. Fall and Spring semesters

SOCIOLOGY 103E (Soc.13) SOCIAL DEVIANCY AND SOCIAL DISORGANIZATION. 3 credits

Significant social problems of American society in the areas of crime, delinquency, penology, race, ethnicity, mental health, population, the family and community disorganization will be discussed. First Summer Session

SOCIOLOGY 105E (Soc.18) URBAN SOCIOLOGY. 3 credits

A study of urban growth and change with particular reference to the influence this has had on social relationships. Spring semester

SOCIOLOGY 106E (Soc.30) SOCIAL STRATIFICATION. 3 credits

A survey of the sociologist's approach to the study of class, status and power. Emphasis will be given to major empirical works in stratification and social mobility. Fall semester; Odd years

SOCIOLOGY 121E (Soc.15) JUVENILE DELINQUENCY. 3 credits

Case history analyses, with a view to providing a practical inquiry into causes, therapeutic measures and treatment resources. Fall and Spring semesters

SOCIOLOGY 122E (Soc.17) PENOLOGY. 3 credits

A consideration of law enforcement, the administration of justice and the punishment and treatment of criminals. Spring semester; Even years

SOCIOLOGY 203E (Soc.12) INDUSTRIAL SOCIOLOGY. 3 credits

Analysis of the social organization of work in modern societies, the concept of career, the development of professionalization, the nature of work-satisfaction and the impact of bureaucratization. Occupational subcultures such as law, medicine, public service, the military, and education will be considered. Fall and Spring semesters

- SOCIOLOGY 211E (Soc.14) MARRIAGE AND THE FAMILY. 3 credits
A study of the factors which make for successful family life. Fall and Spring semesters
- SOCIOLOGY 212E (Soc.19) MINORITY GROUPS. 3 credits
An examination of the racial and ethnic groups that compose U.S. society. Emphasis on the processes involved in social change and inter-group relations. Fall and Spring semesters
- SOCIOLOGY 221E (Soc.16) CRIMINOLOGY. 3 credits
A study of the sociological and social psychological foundations of crime and delinquency and the social processes affecting the criminal justice system. Topics considered include examinations of the criminal law, law enforcement, judicial administrations, corrections and theories of crime causation. Fall and Spring semesters
- SOCIOLOGY 303E (Hum.40) CULTURAL ANTHROPOLOGY. 3 credits
A cross-cultural study of the influence of culture in explaining human behavior in primitive and modern societies. Fall semester, 1973
- SOCIOLOGY 401E, 402E (Soc.47) INTRODUCTION TO SOCIAL RESEARCH. 4-8 credits
Individuals or groups are guided in planning and completing a project utilizing several social science research techniques. Fall semester, 1973; Spring semester, 1974
- SOCIOLOGY 414E (Soc.26) SOCIOLOGICAL THEORY. 3 credits
A survey of the development of social thought from August Comte to contemporary theorists. An attempt to see the evolution of social theory within the social context of the theorist's milieu. As announced.
- SOCIOLOGY 415E, 416E (Soc.35,36) CRIMINAL JUSTICE COUNSELING. 3-6 credits
This two semester course has the purpose of acquainting the student with the principles and practices of individual and group counseling techniques in the criminal justice field. Group dynamics and counseling approaches will be presented through class lectures, discussions and participation in the group experience. Special emphasis will be placed on the applicability of techniques and principles to the offender population. Every three years; Fall semester, 1973
- SOCIOLOGY 480E (Soc.50) INDEPENDENT STUDY IN SOCIOLOGY. 3 credits
This course is designed to offer the general sociology student the opportunity to apply knowledge to an individually selected research project. Faculty guidance in planning and completing this project will be scheduled. Arranged with Dept. Chairman
- SOCIOLOGY 481E (Soc.52) INDEPENDENT STUDY IN CRIMINAL JUSTICE. 3 credits
This course is designed to offer the criminal justice student the opportunity to apply knowledge to an individually selected project. Faculty guidance in planning and completing this project will be scheduled. Arranged with Dept. Chairman
- SOCIOLOGY 482E (Soc.31) INDEPENDENT STUDY IN SOCIOLOGICAL. 3 credits
In this course the student will be required to pursue faculty supervised readings in sociological theory. Intensive inquiry into the works of major theorists will form the basis for individual projects. Arranged with Dept. Chairman

STATISTICS

- See Economics, page 36.
See Psychology, page 69.

THEOLOGY

- See Religion, page 72.

Student Affairs

OBJECTIVES OF THE STUDENT PERSONNEL PROGRAM

La Salle College, in keeping with the aims and objectives of Christian Education, recognizes that the completeness of higher education demands that the student be provided with the opportunities to develop himself spiritually, morally, intellectually, emotionally, and socially. Therefore, the Student Personnel Program in the Evening Division of La Salle College offers the following:

1. A Counseling Service to assist him in solving the various problems which beset a college student.
2. A program of spiritual activities and spiritual counseling.
3. A student activities program which includes student government, student publications, and extracurricular organizations.
4. A service to help the student find suitable employment according to his needs and the opportunities which are available.
5. A limited program of athletic activities.
6. A Food Service which provides for students who find it more convenient to dine at the campus on class evenings.
7. An Alumni Program to continue the mutual interest which the graduates and the College should have in common.

COUNSELING

The College maintains a Counseling Center staffed by professionally trained counselors who are available to assist the student in matters pertaining to vocational decisions, personal adjustment and educational planning. The Center renders services in the following areas: aptitude testing and interest inventory; individual counseling and occupational information.

The Counseling Center, located in McShain Hall, is open to Evening Division students from 6:00 to 9:00 P.M. from Monday through Thursday evenings and on Saturday morning by appointment. Students wishing to use the services of the Counseling Center should arrange for an appointment in the Counseling Center.

RELIGIOUS ACTIVITIES

The Chapel of La Salle College provides a convenient center both for personal meditation and for group worship. Its facilities and the services of the College Chaplain are available to the student body at all times.

The Evening Division Chaplain is available according to a posted schedule of service to provide spiritual counseling or confessions for Evening Division students.

Holy Mass is regularly offered for Evening Division students in the Student Chapel. The days and times of these Masses are announced in the Evening Bulletin.

An Evening Mass of the Holy Spirit is celebrated at the beginning of the Fall Term each year.

Graduation ceremonies regularly open with the Baccalaureate Mass. Graduating seniors, their families and friends are invited to participate in this liturgy.

STUDENT ORGANIZATIONS AND ACTIVITIES

Although evening students must devote the major portion of their time to studies, it is hoped that they will participate, to some extent, in student government and in the co-curricular and extracurricular activities which are open to them.

Accounting Association

This is an organization of students who are majoring in Accounting and who are interested in broadening their knowledge of accounting practices and their relation with business practices in general. The Association brings the members into frequent contact with outstanding men in the field.

Alpha Sigma Lambda

Alpha Sigma Lambda, a national evening college fraternity for honor students, was inaugurated at La Salle College in December, 1966. The La Salle College Evening Division Chapter, Alpha Delta, is open by invitation to men and women who have completed over forty semester credits in the La Salle Evening Division and who have an academic index of 3.4. With the objective of recognizing and encouraging scholarship, this fraternity meets twice each year and includes distinguished scholars among its guest speakers.

Cross Keys Fraternity

Cross Keys is a student service fraternity. Membership consists of faculty, students, and alumni who have served the interests of the student body and of the College with distinction. The chief purposes of the fraternity are (1) to foster an ambition for intellectual attainment and a desire to serve La Salle College Evening Division and its students; and (2) to study the problems of students in order that student life might be enriched, and to promote and stimulate progress and the best interests of La Salle College.

The Humanities Club

With the objective of sharing cultural experiences, the Humanities Club is comprised of students majoring in the liberal arts area. Activities sponsored by this club include lecture forums, discussions, and expeditions to metropolitan offerings of a cultural nature.

The Marketing Association

The twofold purpose of the club is to foster an interest in the field of marketing and to promote through discussion the application of ethical principles in the field of marketing.

The Society for the Advancement of Management

This is a student chapter of a national society of professional men interested in management principles. It aims to enhance the application of scientific management principles in industry and to foster the development of future managerial talent.

The Student Branch of the Institute of Electrical and Electronic Engineers

The Institute of Electrical and Electronic Engineers is a national professional organization. Its aims include the advancement of the theory and practice of radio and allied engineering and of the related arts and sciences. Students registered in the Electronic Physics curriculum as degree candidates are eligible for membership in the student branch of IEEE.

The Student Congress

The Student Congress of the La Salle Evening Division acts as the official representative of the student body in its relations with the administration and faculty of the College in matters related to extracurricular activities and student welfare.

The Student Congress consists of the elected representatives of the various course sections, who vote on all matters brought before the Congress.

In general, its purpose is to cultivate, promote and manage all social and other affairs conducted for the benefit of the entire student body; to promote the general welfare of the students; and to act as an advisory body between the students and the administration.

The Wives' Club

The purpose of this club is to bring together wives of Evening Division students, so that a better understanding of the College community by the family may be enhanced. The Wives' Club also sponsors socials and concerns itself with projects of a philanthropic nature.

STUDENT PUBLICATIONS

La Salle Collegian

The *Evening Collegian*, the student newspaper, serves as a vehicle for disseminating views and news of interest to the entire student body. The *Evening Collegian* is devoted exclusively to the activities of the Evening Division students.

The Explorer

The *Explorer* is the yearbook published for the members of each graduating class. The book serves as a record of college life and activities.

THE PLACEMENT BUREAU

The Placement Bureau provides an information service for students seeking placement with industrial and business concerns. The office, located in the College Union Building, Room 205, is open from 9 A.M. to 5 P.M., Monday through Friday, and from 5 until 7:30 P.M. Monday through Thursday evenings. In cooperation with the Counseling Center the Bureau's staff advises students on employment opportunities.

INTERCOLLEGIATE AND INTRAMURAL ATHLETICS

Although students of the Evening Division are not permitted to compete in the various intercollegiate sports, they are encouraged to support these activities by attendance at contests. They are accorded all the privileges of admission granted the students of the Day Session.

Within the limitations of available time, the students of the Evening Division may compete in intramural athletics.

THE COLLEGE CAFETERIA

A student cafeteria is operated in the College Union Building for the convenience of the students of the Evening Division. Students will be served from 5 to 7 o'clock on Monday through Thursday evenings.

The Snack Bar—an annex to the cafeteria—is open on class evenings until 11:00 P.M. for the convenience of Evening Division students.

THE CAMPUS STORE

The College maintains a Campus Store where books, supplies and other items of special interest to college students may be purchased. The Store, located in the College Union Building, is open from 9:00 A.M. until 8:45 P.M. on Monday through Thursday, and from 9:00 A.M. until 3:00 P.M. on Friday.

THE LIBRARY

The David L. Lawrence Memorial Library, located at Olney Avenue at 19th Street, houses a collection of approximately 195,000 books and has files of about 600 periodicals. About 12,000 new volumes are added each year to keep the collection up-to-date and adapted to the needs of the student.

An open stack system encourages browsing, and a liberal renewal policy applies to the usual two week loan to encourage maximum use of the books. The library is open more than 70 hours a week, and competent readers' advisers enable students through personal guidance to become proficient in gathering information from indexes, bibliographies, loose leaf service and other bibliographical tools.

When classes are in session the College Library is open Monday through Thursday evenings until 11:00 P.M., Friday evening until 9:00 P.M., Saturday from 10:00 A.M. until 4:00 P.M., and on Sunday from 12:00 Noon until 10:00 P.M.

THE ALUMNI ASSOCIATION

The Alumni Association seeks to promote the welfare of La Salle College and to encourage good fellowship among alumni. To achieve these ends, the Association works principally through the College Alumni Office and class organization.

The Alumni Association is controlled and directed by the alumni in cooperation with the College administration. The governing board is called the Alumni Board of Directors. It consists of representatives from each graduating class and a Director of the Association appointed by the College.

Alumni are encouraged to take an active part in promoting the attendance of worthy and talented students; to take an intelligent interest in the academic affairs of the College; to support the College financially to the best of their ability; and to foster the growth of the College. Alumni are also encouraged to assist the Placement Bureau by calling to its attention job opportunities for La Salle students.



Brother Emery C. Mollenhauer, F.S.C., Ph.D.
Vice-President, Academic Affairs



Thomas M. Coffee, Ph.D.
Dean, Evening Division and Summer Sessions

ADMINISTRATION

Brother Daniel Burke, F.S.C., Ph.D.	President
Brother Emery Mollenhauer, F.S.C., Ph.D.	Vice President, Academic Affairs
Thomas N. McCarthy, Ph.D.	Vice President, Student Affairs
Joseph J. Sprissler, D.C.S.	Vice President, Business Affairs
John L. McCloskey, M.B.A.	Vice President, Public Affairs
Thomas M. Coffee, Ph.D.	Dean of the Evening Division & Summer Sessions
Raymond A. Ricci, B.A., M.Ed.	Assistant Dean, Evening Division and Summer Sessions
John J. King, B.A.	Director of Admissions, Evening Division and Summer Sessions
Brother Joseph Bender, F.S.C.	Counselor
Brother Vincent McEntee, F.S.C.	Education Counselor
Brother Thomas Warner, F.S.C., B.S. in L.S.	Director of the Library
Rev. John Mazitello, S.J.	Chaplain
David C. Fleming, B.S.	Comptroller
Frank B. McKeogh, B.S.	Director of Financial Aid
John H. Veen, B.S.	Director of College Union
Gerald T. Dees, B.A.	Director of Student Activities
Thomas L. Shaw	Director of Food Services
Charles L. Mooney	Manager of Campus Store

COLLEGE COUNCIL

Brother Burke, *Chairman*; Brother Mollenhauer, Dr. McCarthy, Dr. Sprissler, Mr. McCloskey, Brother Albright, Dr. MacLeod, Dr. Coffee. *Faculty Representatives*: Dr. Rooney, Mr. Kelly, Dr. Mooney. *Three Student Representatives*: Two Day Division students; one Evening Division student. *Secretary*: Mrs. Lennon.

Admissions Committee

Mr. John J. King, *Chairman*; Dr. Thomas Coffee, Mr. Raymond A. Ricci.

Curriculum Committee

Dr. Thomas Coffee, *Chairman*; Dr. Victor Brooks, Dr. Casimir Ciesla, Mr. Charles Kelly, Dr. Michael Kerlin, Dr. Richard Leonard, Mr. Dennis McCarthy, Mr. Joseph Markmann, Brother William Martin, Mr. Edward Nolan, Dr. Robert Preston, Mr. George Swoyer, Mr. Paul Wilson, Mr. Melvin Woods, Dr. Karl Zaininger.

Academic Affairs

Dr. Thomas Coffee, *Chairman*; Mr. Gary Clabaugh, Miss Shirley-Ann Eriksson, Dr. Joseph Mooney, Mr. Edward Nolan, Mr. Paul Wilson, Mr. Joseph Markmann.

FACULTY OF THE EVENING DIVISION

- ARTHUR A. ALLEN
Mathematics
B.S., M.E., Drexel University
M.Ed., Temple University
- CARL J. ALLEN
Philosophy
B.A., Colorado College
M.A., University of Notre Dame
- GERARD A. ALPHONSE
Electronic Physics
B.S., M.S., New York University
Ph.D., Polytechnic Institute of Brooklyn
- C. RICHARD ANTONSON
Economics
B.S., University of Notre Dame
M.S., Ph.D., Northwestern University
- MELANIE S. ARCURI, C.P.A.
Accounting
B.S., Bloomsburg State College
B.A., M.S., Bucknell University
- JOSEPH F. ARMSTRONG
Accounting
B.S., La Salle College
M.B., Temple University
- WILLIAM G. AYLWARD
Philosophy
B.S., M.A., Boston College
B.D., Weston College
- CURTIS A. BAGNE
Psychology
B.S., M.A., Ph.D., Michigan State University
- ALOYSIUS J. BALLISTY
Philosophy
B.A., St. Francis College, Loretta, Pa.
B.S.T., Catholic University of America
M.A., DePaul University
- SHELLI ANN BALTER
Sociology
B.A., University of Pittsburgh
M.A., Temple University
- MAX BARTH
Chemistry
B.A., Ph.D., New York University
- ROBERT A. BARTOLINI
Physics
B.S.E.E., Villanova University
M.S.E.E., Case Institute of Technology
Ph.D., University of Pennsylvania
- WILLIAM C. BERGMANN
Management
B.S., La Salle College
M.B.A., University of Pennsylvania
- JOSEPH J. BERNIER
Psychology
B.A., Juniata College
M.Ed., Rutgers University
- WILLIAM J. BINKOWSKI
History
B.A., La Salle College
M.A., University of Pennsylvania
- RONALD F. BLACK
Chemistry
B.S., La Salle College
M.Ed., Temple University
- BERNHARDT G. BLUMENTHAL
German
B.A., La Salle College
M.A., Northwestern University
Ph.D., Princeton University
- JERALD K. BODENSTEIN
Accounting
B.S., M.S., University of Pennsylvania
- RICHARD P. BOUDREAU
French
B.A., Seton Hall University
M.A., Ph.D., Princeton University
- LAWRENCE G. BOWMAN
English
B.A., La Salle College
- WILLIAM H. BRENDLEY, JR.
Chemistry
B.S., M.S., St. Joseph's College
Ph.D., University of Pennsylvania
- YVONNE L. BRENDLEY
Chemistry
B.S., College of William and Mary
Ph.D., University of Pennsylvania
- GEORGE J. BROOKES, JR.
Economics
B.S., La Salle College
M.B.A., Drexel University
- VICTOR D. BROOKS
Psychology
B.S. in Ed., University of Pennsylvania
M.Ed., Ed.D., Temple University
- LEONARD A. BROWNSTEIN
Spanish
B.A., M.A., Temple University
Ph.D., Bryn Mawr College
- BROTHER DANIEL BURKE, F.S.C.
English
B.A., Catholic University
M.A., Ph.D., Catholic University
- MARTIN L. BURKE
Law
B.S., La Salle College
J.D., Temple University
- JAMES BUTLER
English
B.A., La Salle College
M.A., Ph.D., Cornell University
- JOSEPH P. CAIRO
Economics
B.A., La Salle College
M.A., University of Pennsylvania
- DANIEL CALLAHAN
Mathematics
B.A., M.A., La Salle College
M.A., University of Pittsburgh
- PETER M. CAMPANELLA
Law
B.S., J.D., Temple University
- JEROME F.X. CARROLL
Sociology
B.A., M.A., University of Maryland
Ph.D., Temple University
- JOHN H. CHRISTIE
Insurance
B.S., La Salle College
- CASIMIR CIESLA
Economics
Dr. Rer. Pol., University of Innsbruck
- GARY K. CLABAUGH
Education
B.A., Indiana State University
M.S., Ph.D., Temple University

- FREDERICK CLARK
Marketing
B.A., Ursinus College
M.B.A., University of Pennsylvania
- JOHN A. CLEMENT, JR.
Law
B.A., La Salle College
J.D., Temple University
- THOMAS M. COFFEE
Sociology
A.B., Saint Benedict's College
M.A., Emory University
Ph.D., University of Notre Dame
- MOSHE COHEN
Finance
B.A., M.A., Tel Aviv University
Ph.D., University of Pennsylvania
- GERALD G. CONNELL
Mathematics
B.S. in Ch.E., Villanova University
- JOHN T. CONNORS
Sociology
B.A., La Salle College
M.S.W., Fordham University
M.A., St. Joseph's College
M.A., Villanova University
- MICHAEL F. CONNORS
History
B.A., La Salle College
M.A., University of Pennsylvania
- ROBERT J. COURTNEY
Political Science
B.A., La Salle College
M.A., Niagara University
Ph.D., University of Pennsylvania
- J. SANDOR CZIRAKY
History
B.A., La Salle College
M.A., University of Notre Dame
M.S. in L.S., Drexel University
Ph.D., University of Pennsylvania
- MICHAEL DE ANGELIS
Accounting
B.S., M.S., Temple University
- JANET S. DEANS
Economics
B.A., Clarke College
M.A., George Washington University
- EDWARD A. DEHNER
Marketing
B.S., La Salle College
M.B.A., Drexel University
- MSGR. JOSEPH W. DEVLIN
Religion
A.B., Mt. Saint Mary's College
J.C.D., Pontificia Universita' Lateranense
- FRANCIS X. DONOHOE
English
B.A., La Salle College
M.A., St. Joseph's College
- PAUL R. DORAN
English
B.A., Catholic University
M.A., Ph.D., University of Pennsylvania
- ALBERT J. DORLEY, JR.
History
B.A., La Salle College
M.A., Niagara University
Ph.D., St. John's University
- JOHN M. DRONSON
Economics
B.S., La Salle College
M.A., Temple University
- JOHN A. DUFFY, JR.
Economics
B.A., La Salle College
Ph.D., Boston College
- JAMES P. DWYER
Marketing
B.A., Duquesne University
- C. RUTH DZIADOSZ
Economics
B.S., Bucknell University
M.Ed., Temple University
- THOMAS A. DZIADOSZ
Economics
B.A., La Salle College
M.A., University of Connecticut
- GERALD DZURA
English
B.A., La Salle College
M.A., University of Pittsburgh
- SIDNEY N. EINHORN
Mathematics
B.S. in E.E., Drexel University
M.S. in E.E., University of Pennsylvania
- SHIRLEY-ANN ERIKSSON
English
A.B., University of Pennsylvania
M.A., University of Connecticut
- LIONEL ETSCOVITZ
Education
A.B., Brown University
Ed.M., Ed.D., Boston University
- LARRY FADER
Religion
B.S., Columbia University
M.A., Temple University
- THEOPOLIS FAIR
History
B.A., Fiske University
M.A., Columbia University
Diploma, University of Madrid
Ph.D., Temple University
- JAMES C. FALLON
Philosophy
B.S., St. Joseph's College
- ROBERT T. FALLON
English
B.S., United States Military Academy
M.A., Canisius College
M.A., Ph.D., Columbia University
- FLORENCE R. FAY
Philosophy
A.B., Chestnut Hill College
M.A., St. John's University
- PETER J. FILICETTI
Psychology
B.A., Holy Cross College
M.A., Ph.D., Fordham University

EUGENE J. FITZGERALD
Philosophy
B.A., La Salle College

JOSEPH F. FLUBACHER
Economics
B.A., La Salle College
M.A., Ed.D., Temple University

KATHLEEN FORD
Chemistry
B.S., Chestnut Hill College
M.S., University of Pennsylvania

THOMAS J. FOX
Humanities
B.A., M.A., Pennsylvania State University

RABBI BERNARD S. FRANK
Religion
B.A., Brandeis University
B.H.L., M.A.H.L., Hebrew Union College

WILLIAM FREEDMAN
Economics
B.A., La Salle College
M.A., Temple University

HARRIS FREEMAN
Management
B.S., La Salle College

MURRAY FRIEDMAN
Sociology
B.A., Brooklyn College
M.A., New York University
Ph.D., Georgetown University

WILLIAM B. FYNES
Management
B.A., La Salle College
M.B.A., Temple University

CHARLES GAISER
Marketing
B.S., Lehigh University
M.B.A., Rutgers University

DAVID M. GARDNER
Electronic Physics
B.S., Brown University
M.S., Ph.D., University of Pennsylvania

RICHARD T. GERUSON
Humanities
A.B., Fordham University
M.A., New York University

HARRY J. GIBBONS
Accounting
B.S., La Salle College

JOHN F. GIBBONS
Philosophy
B.A., S.T.B., Ph.L., Loyola University

JAMES GIBSON
Electronic Physics
M.S.E.E., Royal Institute of Technology
Stockholm, Sweden
Ph.D., Chalmers Institute of Technology
Gothenberg, Sweden

DONALD J. GIMPEL
Accounting
B.S., M.B.A., Drexel University

FRANK X. GOELZ
Management
B.S., University of Pittsburgh
M.A., University of Pennsylvania

ALECK GOLDBERG
Electronic Physics
B.A., M.A., Temple University

SISTER THOMAS MARY GORE
History
B.A., St. Joseph's College, Windham, Maine
M.A., Catholic University of America

CHARLES GORMAN
Economics
B.A., Temple University
M.S., Villanova University

JOHN S. GRADY
Economics
B.A., University of Notre Dame

FRANCIS V. GRIFFIN
English
B.A., La Salle College
M.A., Temple University

C. WARREN HAAS
Electronic Physics
B.S. in E. Phy., Cornell University
M.S., University of California at Los Angeles
Ph.D., University of Pennsylvania

PATRICIA B. HABERSTROH
English
B.A., Cabrini College
M.A., Villanova University

MONROE J. HAEGELE
Management
B.S., Drexel University

PETER HAHN
Electronic Physics
B.S.E., College of the City of New York
M.S. in E.E., University of Pennsylvania
Ph.D., University of Pennsylvania

CHARLES A. J. HALPIN, JR.
Management
B.S., La Salle College
M.A., University of Pennsylvania
J.D., Temple University

E. FRANCIS HANLON
English
B.A., St. Joseph's College

HOWARD L. HANNUM
English
B.A., La Salle College
M.A., Ph.D., University of Pennsylvania

JOHN J. HANRATTY, C.P.A.
Accounting
B.A., La Salle College
M.B.A., Drexel University

JOHN L. HARBISON
History
B.S., M.A., Boston College

GERALD I. HAREL
Economics
B.S., Hebrew University
M.S., S.U.N.Y. at Albany
M.A., Temple University

BROTHER RICHARD HAWLEY, F.S.C.
Education
B.A., M.A., Catholic University

- JOSEPH G. HEINRICH
History
B.S., La Salle College
M.A., Lehigh University
M.A., Ph.D., Duke University
- ARTHUR L. HENNESSEY
History
B.A., Catholic University of America
M.A., Harvard University
Ph.D., Georgetown University
- RAGAN A. HENRY, ESQ.
Inner City Business Program
A.B., J.D., Harvard University
- JAMES F. HIGGINS
Accounting
B.S., St. Joseph's College
M.B.A., Temple University
- KENNETH L. HILL
Political Science
B.A., Hofstra University
M.A., New York University
- EDWARD B. HOFFMAN
Accounting
B.S., La Salle College
M.B.A., Temple University
- CHARLES E. HOFMANN, III
Mathematics
B.A., M.A., Villanova University
Ph.D., Temple University
- ROSEANNE S. HOFMANN
Mathematics
B.A., Immaculata College
M.S., Villanova University
- WILLIAM J. HOLLISTER
Finance
B.S., La Salle College
- THOMAS J. HORAN
English
B.A., La Salle College
- REV. THOMAS P. HORNER
Mathematics
B.A., St. Charles Seminary
M.S., University of Notre Dame
- BARBARA HORNUM
Sociology
A.B., M.A., Bryn Mawr College
- FINN HORNUM
Sociology
B.A., University of Copenhagen
M.A., Haverford College
- DONALD HURFORD
Education
B.A., Boston University
M.Ed., Bridgewater State College
- EUSEBIO INOCENCIO, C.P.A.
Management
B.S., Ateneo Del Manila
M.S., University of Illinois
M.A., University of Pennsylvania
- HERMAN JACOBOWITZ
Electronic Physics
B.S. in E.E., City College of New York
M.S. in E.E., Massachusetts Institute of Technology
- ALLAN JANIK
Philosophy
B.A., St. Anselm's College
M.A., Villanova University
Ph.D., Brandeis University
- LINDA G. JANIK
Philosophy
B.A., University of Sussex
- JAMES P. JEWETT
Mathematics
M.S., Ph.D., University of Chicago
- RICHARD JOSEPHS
Electronic Physics
B.S., M.S., Ph.D., University of Pennsylvania
- WALTER J. KAISER, C.P.A.
Accounting
B.S., La Salle College
- JOSEPH A. KANE
Economics
B.S., B.A., La Salle College
M.S., St. Louis University
Ph.D., Temple University
- JOHN J. KEENAN
English
B.A., La Salle College
M.A., University of Pennsylvania
- DONALD B. KELLEY
History
B.S., Wheeling College
M.A., University of Mississippi
Ph.D., Tulane University
- CHARLES V. KELLY
English
B.A., St. Joseph's College
M.A., University of Pennsylvania
- MICHAEL J. KERLIN
Philosophy
B.A., M.A., La Salle College
Ph.L., Ph.D., Gregorian University
- JOHN J. KING
English
B.A., La Salle College
- JOHN KLEIS
English
B.A., M.A., University of Michigan
Ph.D., University of Pennsylvania
- NORMAN KLINE
English
B.S., M.A., Temple University
- KENNETH S. KNODT
English
B.A., Northwestern University
M.A., Michigan State University
Ph.D., Purdue University
- CLAUDE F. KOCH
English
B.S., La Salle College
M.A., University of Florida
- SISTER MARY CHARITY KOHL
Sociology
B.A., Immaculata College
M.Ps., University of Ottawa
- WALTER F. KOSONOCKY
Electronic Physics
B.S., M.S., Newark College of Engineering
Sc.D., Columbia University
- MICHAEL G. KOVAC
Electronic Physics
B.S., University of Notre Dame
M.S.E.E., Ph.D., Northwestern University
- MIROSLAV LABUNKA
History
B.A., Ukrainian Catholic Seminary, Bavaria
M.A., Universite Catholique de Louvain, Belgium
M.A., Columbia University

BOGOLJUB LALEVIC
Electronic Physics
B.S., University of Belgrade
M.A., Princeton University
Ph.D., Temple University

EUGENE LASHCHYK
Philosophy
B.A., M.A., City College of New York
Ph.D., University of Pennsylvania

RICHARD E. LAUTZ
English
B.S., State University of New York at Buffalo
M.A., University of Arkansas
Ph.D., University of Pennsylvania

ROBERT F. LAVELLE
Law
B.A., University of Scranton
J.D., Georgetown University

RICHARD C. LEONARD
Sociology
A.B., St. Thomas College
M.A., Ph.D., Catholic University

ALFRED A. LITTLE
Management
S.B., Institute of Technology of Massachusetts
M.S., University of Pennsylvania
M.B.A., Temple University

JOHN S. LLOYD
Finance
B.A., Wesleyan University
M.B.A., Drexel University

PAUL A. LOCKREY
Law
B.A., University of Pennsylvania
J.D., Temple University

JAMES LO GUIDICE
Education
B.A., M.A., La Salle College
M.A., Webster College

ATHERTON LOWRY
Philosophy
B.A., Georgetown University
M.A., Fordham University

THOMAS F. LYNCH
Sociology
B.A., La Salle College
M.S.W., Rutgers University

WILLIAM LYNCH
English
A.B., St. Joseph's College
M.A., Boston College
Ph.D., University of Pennsylvania

JAMES F. McCAFFERY
Education
A.B., Syracuse University
M.S., University of Pennsylvania

ROBERT F. McCAFFREY
Finance
B.S., PMC Colleges
M.A., University of Pennsylvania

JOHN J. McCANN
French
B.A., La Salle College
M.A., University of Pennsylvania
Ph.D., University of Pennsylvania

DENNIS J. McCARTHY
History
B.A., La Salle College
M.A., Fordham University

PETER J. McCARTHY
English
B.A., La Salle College

CARL P. McCARTY
Mathematics
B.A., La Salle College
M.A., Ph.D., Temple University

CHARLES McCLELLAND
English
B.A., La Salle College
M.A., La Salle College

REV. FRANCIS A. McDERMOTT
English
B.A., St. Charles Seminary

REV. LAWRENCE J. McELROY
Mathematics
B.A., St. Charles Seminary
S.T.B., Louvain University
M.S., University of Notre Dame

VINCENT McENTEE, F.S.C.
Education
B.A., La Salle College
M.A., University of Pittsburgh
M.Ed., Temple University
LL.D., St. Vincent's College

MARY T. McGLYNN
English
B.A., Immaculata College

FRANCIS J. McGOVERN
English
B.A., La Salle College
Ed.M., Temple University

PHILIP E. McGOVERN
Political Science
B.A., La Salle College
M.A., Villanova University

MARTIN C. McGURRIN
Sociology
B.A., M.A., Ph.D., Temple University

JAMES J. McKENNA, JR.
Sociology
B.A., La Salle College
M.A., Ph.D., University of Notre Dame

JOHN McLAUGHLIN
English
B.A., Harvard University
M.A., U.S.C. at Berkeley
Ph.D., Harvard University

FRANK E. McMANUS
Management
B.S., La Salle College
M.B.A., Drexel University

BRUCE V. MacLEOD
Management
B.A., University of Maine
M.I.A., Yale University
Ph.D., Case Western Reserve University

ROBERT L. MACAULAY
Finance
B.S., La Salle College
M.B.A., Drexel University

REV. JOSEPH MACORT
Religion
B.A., Haverford College
M.Div., Episcopal Theological School
M.A., La Salle College

EVERETT MAILEY
Chemistry
 A.B., New York University
 M.S., Ph.D., University of Pennsylvania

GEORGE J. MAKOVETZ, JR.
IFS
 B.S., M.S., Drexel University

JOHN F. MALLOY, JR.
Philosophy
 B.S., St. Joseph's College
 M.A., University of Scranton

JOHN J. MALONE
English
 B.A., La Salle College
 M.Ed., Temple University

JOSEPH G. MARKMANN, C.P.A.
Accounting
 B.A., La Salle College

WILLIAM MARTIN, F.S.C.
Religion
 B.A., Catholic University
 M.A., University of Pittsburgh
 S.R.L., Pontifical Institute Jesus Magister
 S.T.D., Lateran University, Rome

THOMAS R. MAYHEW
Electronic Physics
 B.S. in E.E., University of Florida
 M.S. in E.E., University of Pennsylvania

FRANK A. MELONE
Psychology
 A.B., Seton Hall University
 M.A., Temple University
 Ph.D., Syracuse University

JOSEPH C. MIHALICH
Philosophy
 B.A., M.A., Duquesne University
 Ph.D., Georgetown University

KENNETH H. MOBERG
Sociology
 B.C.P., University of Pennsylvania
 M.A., Temple University

CHARLES A. MOENCH
Management
 B.S., M.A., Villanova University

BROTHER EMERY C. MOLLENHAUER, F.S.C.
English
 B.A., Catholic University
 M.A., Ph.D., University of Pittsburgh

JOHN T. MOONEY
Mathematics
 B.S., University of Scranton
 B.A., La Salle College

JOSEPH P. MOONEY
Economics
 B.S., La Salle College
 M.A., Ph.D., University of Pennsylvania

JOHN J. MOORE
English
 B.A., Georgetown University
 M.A., Fordham University

JOSEPH L. MORAN
Spanish
 B.A., La Salle College
 M.A., Middlebury College

JOHN P. MORRISSEY
Management
 A.B., Boston College
 M.B.A., Northeastern University

PAUL M. MOSER
Electronic Physics
 B.A., La Salle College
 M.S., University of Delaware

REV. JOHN E. MULGREW
Religion
 B.A., St. Charles Seminary
 M.A., La Salle College

PHILIP W. MULLEN
Philosophy
 B.A., University of Houston
 M.A., University of Waterloo

EDWARD M. MURAWSKI
Philosophy
 B.A., La Salle College

JAMES J. MURPHY
Psychology
 A.B., Lafayette College
 M.A., St. John's University

FRANCIS J. NATHANS
Political Science
 B.A., La Salle College
 M.A., University of Pennsylvania

JAMES F. NATHANS
Marketing
 B.A., M.A., University of Pennsylvania

E. RUSSELL NAUGHTON
Philosophy
 B.A., Providence College
 M.A., Ph.D., Catholic University of America

ANGUS NEAVES
Mathematics
 B.S., Ph.D., St. Andrew's University
 (Scotland)

EDWARD J. NOLAN
Mathematics
 B.Ch.E., Villanova University
 M.Ch.E., University of Delaware

FRANCIS X. O'CONNOR
Accounting
 B.S., La Salle College

OLUFEMI ODE KUNLE
Sociology
 B.S., University of Ibadan, Nigeria
 M.A., University of Pennsylvania

JOSEPH P. O'GRADY
History
 B.A., La Salle College
 M.A., University of Notre Dame
 Ph.D., University of Pennsylvania

JOHN C. O'NEILL
Mathematics
 B.A., Catholic University
 M.A., Villanova University
 Ph.D., University of Pittsburgh

CHESTER V. ORLIK, C.P.A.
Accounting
 B.S., Temple University

WILLIAM J. O'TOOLE
History
 B.A., La Salle College
 M.A., University of Pennsylvania

JOHN A. PAGLIEI
Accounting
 B.S., La Salle College

STEPHEN PARKER
English
 B.A., Ohio University
 M.A., M.F.A., University of Iowa

EDWARD J. PATTERSON
Sociology
 B.A., Ball State University
 M.A., San Jose State College
 M.S.W., University of Missouri

BENJAMIN J. PENSIERO
Finance
B.S., Franklin and Marshall College
M.B.A., Temple University

JOSEPH PHILLIPS
English
B.A., Villanova University
M.A., University of Pennsylvania
Ph.D., Temple University

THOMAS R. PHILLIPS
Philosophy
B.A., M.A., University of Notre Dame

RAYMOND J. PIERZCHALSKI
Philosophy
B.A., M.A., Catholic University of America
Ph.D., University of Ottawa

EDWARD J. PINDER, C.P.A.
Accounting
B.A., University of Pennsylvania
M.B.A., Drexel University

FRANK A. PINTO
History
B.A., La Salle College
M.A., Villanova University

HAROLD W. POTE, C.P.A.
Management
B.A., Princeton University
M.B.A., Harvard University

ROBERT K. PRESTON
Chemistry
B.S., Catholic University of America
Ph.D., University of Maryland

PETER F. RADICE
Chemistry
B.S., St. John's University
M.S., Long Island University

DANIEL J. RAGAN, C.P.A.
Accounting
B.S., La Salle College

JOHN H. REGAN
Psychology
B.A., Catholic University
M.A., New York University

L. THOMAS REIFSTECK
Marketing
B.S., La Salle College
M.B.A., University of Pennsylvania

A. JOSEPH RIEFFEL
Law
B.S., La Salle College
J.D., Temple University

THOMAS F. RIDINGTON
Humanities
B.A., Haverford College
M.Ed., Temple University
M.A., M.F.A., University of Pennsylvania

JAMES W. RODGERS
English
B.A., La Salle College
M.Ed., Temple University

JOHN J. ROONEY
Psychology
B.A., La Salle College
M.A., Ph.D., Temple University

MARILYN ROEHM
Education
B.S., M.A., Syracuse University

JOHN P. ROSSI
History
B.A., La Salle College
M.A., University of Notre Dame
Ph.D., University of Pennsylvania

WARREN N. ROTHMAN
Psychology
A.B., M.A., Temple University

LEO D. RUDNYTZKY
German
B.A., La Salle College
M.A., University of Pennsylvania
Ph.D., Ukrainian Free University, Munich

ALICE RUTHERFORD
Religion
B.A., Chestnut Hill College
M.A., La Salle College

THOMAS J. RYAN
Marketing
B.S., La Salle College
M.B.A., University of Pennsylvania

BRONISLAW SADNICKI
Economics
Doctor of Economics and Commerce,
University of Rome

FRANK J. SCHREINER
Psychology
B.S., State Teachers College, Millersville, Pa.
Ed.M., Ed.D., Temple University

HAROLD L. SCHWARTZ
Mathematics
B.S., La Salle College
M.S. in E.E., Drexel University

JOSEPH L. SCHWARTZ, C.P.A.
Accounting
B.S., La Salle College

REV. JOSEPH A. SERANO, O. PRAEM
Religion
B.A., St. Norbert College
S.T.L., Heythrop College

JOHN J. SEYDOW
English
B.A., La Salle College
M.A., Ph.D., Ohio University

LEONARD Y. SHAKT
Mathematics
B.A., Brooklyn College
M.A., Columbia University

DANIEL J. SHEA
Philosophy
B.A., Holy Apostles Seminary
M.A., Hartford Seminary Foundation

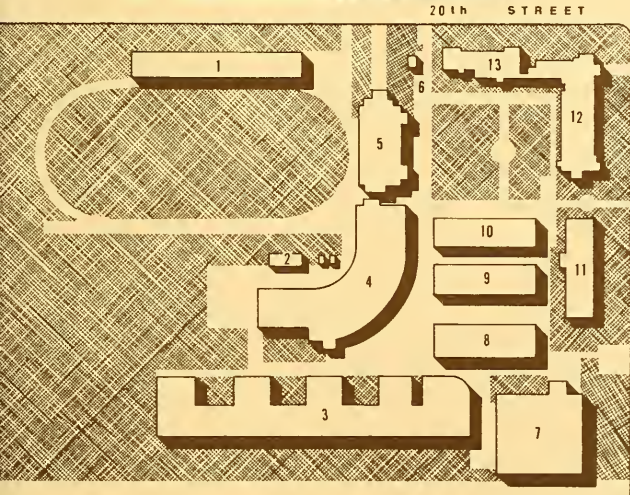
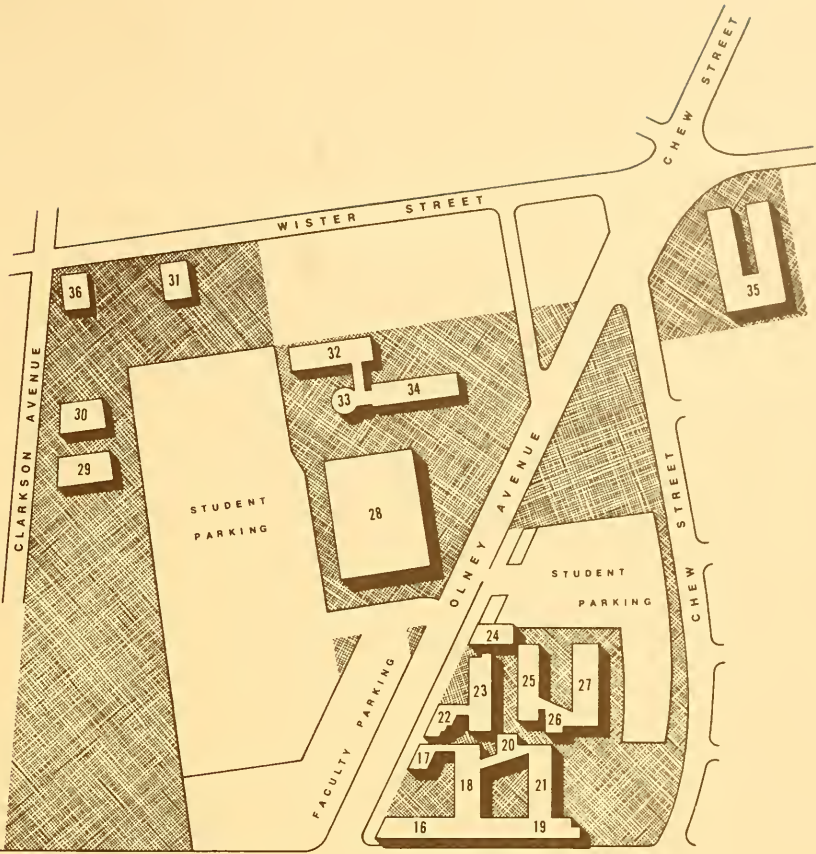
MAUREEN P. SHERLOCK
Philosophy
B.A., College of New Rochelle
M.A., Duquesne University

MICHAEL L. SIKORSKI
English
B.A., La Salle College

JOHN G. SINGER
Insurance
B.A., St. Joseph's College

- DUANE W. SMALL
Psychology
B.M., M.A., Ph.D., University of
Louisville
- FRANCIS X. SMITH
Humanities
B.A., Philadelphia Museum College of
Art
- JOHN A. SMITH
Psychology
B.A., La Salle College
M.S., Pennsylvania State University
Ed.D., Temple University
- ALBERT F. SOMMAR
Chemistry
B.S., Georgetown University
M.S., Case Western Reserve University
- FRANK STAVISH
Sociology
A.B., Fairfield University
M.A., Temple University
- GEORGE W. STEVENSON
Sociology
B.S., University of Wisconsin
M.A., University of Michigan
Ph.D., University of Minnesota
- RICHARD F. STROSSER
Philosophy
B.A., La Salle College
M.A., Catholic University of America
- NICHOLAS SULLIVAN, F.S.C.
Humanities
B.A., Catholic University
M.S., University of Pittsburgh
Ph.D., University of Notre Dame
D.Sc., University of Melbourne
University of Kyoto,
Notre Dame College, Pakistan
University of San Carlos, Philippines
- HELEN SWEENEY
Religion
A.B., Georgian Court College
M.A., St. Mary's School of Theology
- THOMAS P. SWITZER
Educator
B.S., M.Ed., Bloomsburg State College
- GEORGE R. SWOYER
Marketing
B.S., La Salle College
M.B.A., University of Pennsylvania
L.H.D., Combs College
- BARBARA SWYHART
Philosophy
B.A., Marquette University
M.A., Marquette University and Union
Theological Seminary
Ph.D., Temple University
- RALPH R. THORNTON
English
B.A., Washington College
M.A., Ph.D., University of
Pennsylvania
- GERALD A. TREMBLAY
English
B.A., Villanova University
M.A., University of Pennsylvania
- JOSEPH R. TROXELL
Management
B.S. Muhlenberg College
M.S., Rutgers University
- RICHARD VANDERVEER
Psychology
B.A., University of Pennsylvania
M.A., Temple University
- REV. LEO M. VanEVERBROECK
Religion
B.A., Immaculate Heart Seminary, Louvain
M.A., Villanova University
Diplome, Lumen Vitae Institute, Brussels
- WALTER VAN STAN, JR.
Economics
B.A., Harvard University
- BERNARD J. VAUGHAN
Finance
B.S., La Salle College
- BROTHER ANTHONY WALLACE
Education
B.A., M.A., Catholic University
Ed.D., Duquesne University
- PAULA WASHBURN
Sociology
B.A., Washington University
M.A., Teachers College, Columbia
University
- MINNA F. WEINSTEIN
History
B.A., M.A., Ph.D., University of
Maryland
- BRIEN WHISMAN
Economics
B.A., La Salle College
M.A., University of Tennessee
- CHARLES WHITE
Humanities
Diploma Staatsakademie fur Musik,
Vienna
M.M., Temple University
- JOHN C. WHITE
Religion
B.A., M.A., Catholic University of
America
- SAMUEL J. WILEY
Mathematics
B.S., St. Joseph's College
M.A., Villanova University
Ph.D., Temple University
- PAUL N. WILSON, C.P.A., P.E.
Management
B.M.E., Rensselaer Polytechnic
Institute
M.M.E., New York University
M.B.A., Harvard University
- ROBERT O. WINDER
Electronic Physics
B.A., University of Chicago
B.S., University of Michigan
M.A., Ph.D., Princeton University
- HERBERT WISCH
Management
B.S., Drexel University
- MELVIN F. WOODS
Finance
B.A., St. Vincent's College
M.A., Temple University
- KARL L. ZAININGER
Electronic Physics
B.E.E., College of the City of
New York
M.S.E., M.A., Ph.D., Princeton
University
- WOLFGANG ZERNIK
Electronic Physics
B.S., Manchester University, England
M.S., McMaster University, Canada
Ph.D., Yale University

- ADMISSIONS OFFICE 15
- ART GALLERY 29
- ART STUDIO 30
- BENILDE HALL 8
- CAMPUS SECURITY OFFICE 6
- CHRISTIAN BROTHERS' RESIDENCE 13
- COLLEGE HALL 12
- COLLEGE UNION 4
- DAVID LAWRENCE MEMORIAL LIBRARY 11
- DISPENSARY 24
- FINANCIAL AID OFFICE 14
- HAYMAN HALL — ATHLETIC FACILITIES BUILDING 28
- LA SALLE HALL APARTMENTS 35
- LEONARDO HALL 9
- LIBRARY 11
- LOUNGE ALBERT/HILARY 17
- LOUNGE BERNARD/DENIS 26
- LOUNGE CASSIAN/JEROME 20
- LOUNGE EDWARD/FRANCIS 33
- MCCARTHY HALL 1
- MC SHAIN HALL 10
- MUSIC STUDIO 29
- OLNEY HALL 3
- RESIDENTS' MAILROOM 22
- ROLAND HOLROYD SCIENCE CENTER 7
- ST. ALBERT HALL 18
- ST. BERNARD HALL 25
- ST. CASSIAN HALL 21
- ST. DENIS HALL 27
- ST. EDWARD HALL 34
- ST. FRANCIS HALL 32
- ST. GEORGE HALL 23
- ST. HILARY HALL 16
- ST. JEROME HALL 19
- TEXTBOOK STORE 2
- URBAN STUDIES CENTER 36
- WINDSOR HOUSE — ALUMNI OFFICE AND DEVELOPMENT OFFICE 31
- WISTER HALL 5



**CAMPUS
MAP**
**La Salle
College**

LaSalle
COLLEGE
BULLETIN

EVENING DIVISION
LA SALLE COLLEGE
PHILADELPHIA, PA. 19141

SECOND CLASS POSTAGE PAID
AT PHILADELPHIA, PENNA.