Trenton State College is an affirmative-action, equal-opportunity institution. As such, it is dedicated to equality of opportunity for all persons in all of its operations.

The college has in effect an Affirmative Action Program and a Title IX Policy which define its commitment to nondiscrimination and equal opportunity in employment, admissions and all other aspects of the college function. Inquiries regarding compliance with Title IX or affirmative action statutes may be directed to the Affirmative Action Officer and Title IX Coordinator, Office of Administrative Services.

College policy is that "no otherwise qualified handicapped individual shall, solely by reason of handicap, be excluded from participation, be denied benefits of, or be subject to discrimination" under any of its programs or activities.

Inquiries regarding compliance with Section 504 of the Rehabilitation Act of 1973 may be directed to the Director, Office of Special Services.

The Bulletin of Trenton State College (USPS 361-210) is published at Trenton State College, Hillwood Lakes CN 550, Trenton, NJ 08625. It is published in January, February, May and August. Second class postage paid at Trenton.

Volume 50  February 1981  Number 2
WE’RE GLAD TO HAVE YOU AT TRENTON STATE COLLEGE FOR THE SUMMER
WE’RE SURE YOU’LL LIKE OUR—

- flexible schedule
- guaranteed courses
- easy access to Philadelphia and New York
We are a fully-accredited, multipurpose institution, offering comprehensive graduate and undergraduate programs.

Our wooded suburban campus is a short distance from Philadelphia and New York. You can take advantage of the area's many cultural and educational opportunities.

We are accredited by the Middle States Association of Colleges and Secondary Schools. Our students are among the best in the state.
Registering for Trenton State College summer classes is easier than you think!

1. Choose your classes (course descriptions begin on p. 10).
2. Check your schedule for possible time conflicts (See p. 69).
3. Check admission and registration requirements (See p. 30 for graduates, p. 6-7 for undergraduates).
4. Fill out the forms (on the back cover).
5. Either mail these forms to: The Division of Continuing and Adult Education
   Trenton State College
   Hillwood Lakes CN 550
   Trenton, NJ 08625
   or: bring them to the Division of Continuing and Adult Education
   10 Green Hall
   Trenton State College Campus
   Mon.-Thurs. 8:30 a.m. to 8:30 p.m.
   Fri. 8:30 a.m. to 4:30 p.m.
   (For in-person registration dates and times, see p. 7).

We offer a flexible schedule of summer sessions to meet your varying needs.

Session I—June 8 to June 19—2 week intensive session; classes held 5 days a week

Session II—June 22 to July 31—6 week session; classes held 2, 3 or 4 days or evenings a week

Session III—June 29 to July 31—5 week session; classes held 2, 3 or 4 days or evenings a week

Session IV—August 3 to August 14—2 week intensive session; classes held 5 days a week

Trenton State College promises that all credit courses listed will be offered.
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UNDERGRADUATE ADMISSION REGISTRATION INFORMATION COURSE OFFERINGS
ELIGIBILITY

Undergraduate enrollment in the summer session is open to:

1. college graduates;
2. students who are attending Trenton State College or other colleges and universities in good academic standing*;
3. high school students who will be seniors in September 1981;
4. high school graduates; and
5. holders of high school equivalency certificates.

*Please note: actual equivalency certificate must be presented. For information concerning high school equivalency certificates contact the Office of Continuing and Adult Education at (609) 771-2255.

*Anyone who has been dismissed or suspended from another collegiate institution within one calendar year of the beginning of summer session is ineligible to enroll in summer session.

UNDERGRADUATE ADMISSION PROCEDURES

STUDENTS NOT INTENDING TO ENROLL IN A DEGREE PROGRAM AT TRENTON STATE COLLEGE:

1. Complete the Application for Undergraduate Admission (Form B on inside back cover).
2. With the application, submit either a transcript from the last school or college attended, or letter verifying good standing and granting permission to enroll at Trenton State College.

STUDENTS INTENDING TO ENROLL IN A DEGREE PROGRAM AT TRENTON STATE COLLEGE:

1. New students should complete enrollment procedure as stated above. Please note: New students can be admitted to a degree program in September and January only; however, credits earned during the summer can be applied toward a degree.
2. High school seniors may also take credit courses which are applicable toward a degree at Trenton State College but must meet the following requirements:
   a. complete 3 years of secondary school with a "B" or higher scholastic average;
   b. submit a letter of recommendation and formal transcript from their high school guidance office; and
   c. complete the Application for Undergraduate Admission (Form B on inside back cover).
UNDERGRADUATE REGISTRATION
PROCEDURES

Registration for courses may be accomplished by mail or in person. Payment for all, tuition and fees is required at the time of registration.

TO REGISTER BY MAIL Between April 20 and May 27. Please note: mail registration cannot be accepted beyond the postmark date of May 27.

1. Complete forms A and C; and B if not previously enrolled at Trenton State College.
2. Detach forms.
3. Enclose check or money order (payable to Trenton State College) with the forms, and mail to:
   Division of Continuing and Adult Education
   Trenton State College
   Hillwood Lakes CN 550
   Trenton, NJ 08625.

Allow us a week to process your materials. We will then send you your confirmed schedule.

TO REGISTER IN PERSON Between May 18 and the deadline for the desired session. Please note: Deadlines on page

1. Complete forms A, B, and C.
2. Detach forms.
3. Bring the completed forms and your check or money order (payable to Trenton State College) to:
   Division of Continuing and Adult Education
   Room 10—Green Hall
   Trenton State College.

UNDERGRADUATE REGISTRATION
DEADLINES

READ CAREFULLY THE REGISTRATION DEADLINES BELOW.
Final Registration Dates Vary According to Specified Schedules.
No Registrations Can Be Accepted After the Deadlines Stated.

MAIL REGISTRATION
April 20-May 27 Please note: Mail registration cannot be accepted beyond the postmark date of May 27.

IN-PERSON REGISTRATION BEGINS
May 18 8:30 a.m.-3:00 p.m. Monday through Wednesday
12:30-8:30 p.m. Thursday

For classes beginning on June 8
May 18-June 5 In-person registration.
June 8 Late registration ($15 late registration fee)

For classes beginning on June 22
May 18-June 19 In-person registration.
June 22, 23, 24 Late registration ($15 late registration fee)
For classes beginning on June 29
May 18-June 26  In-person registration.
June 29, 30 Late registration ($15 late registration fee)
For classes beginning on August 3
May 18-July 31  In-person registration.
August 3 Late registration ($15 late registration fee)

SUMMER CO-OPPORTUNITY

Salaries & Credits through Cooperative Education

Cooperative Education is a program that integrates the Trenton State College students' classroom study with on-the-job work experience. Co-op students work for employers in approved career-oriented positions that relate directly to their major or minor fields of study. Students can earn either 6 academic credits for full-time employment (at least 30 hours of work per week) or 3 credits for part-time employment (at least 15 hours of work a week). Over 90 percent of all co-op positions are paying jobs.

What does co-op offer a student?
- earn a salary
- earn up to 6 credits per semester
- gain professional work experience
- apply classroom learning to practical job situations
- develop contacts in your field
- focus on career goals
- experiment with career possibilities

How much money do co-op students earn?
TSC co-ops collectively earn over ONE MILLION dollars each year. On the average, they gross over $160 per week. About 94 percent of Trenton State co-op students work in paying jobs. The remaining 6 percent choose to co-op with community service organizations in volunteer positions. The only fee required for co-op is the standard college registration fee for 3 or 6 academic credits.

Who is eligible to co-op?
To be eligible for a co-op job, a Trenton State student should:
- have completed two semesters of course work before a co-op job starts (at least 24-32 credits, including credits transferred from another college);
- be matriculated and in good academic standing at Trenton State.

How do students get started?
Stop by the Cooperative Education Center, 122 Green Hall, telephone the center at 609-771-2161 or talk with the faculty coordinator listed in your major or minor academic department (see departmental course listings for faculty names).

385/Cooperative Education
Introductory experience in cooperative education. Job is likely to be an entry-level position of employment. Taken only with permission of faculty coordinator. Taken from general electives. This level may be taken for a total of six semester hours.
399/Cooperative Education 3, 6 credits
A second co-op assignment with the following alternatives: a different employer, expanded application, higher-level position, or increased responsibilities. Taken only with permission of faculty coordinator. Taken from general electives.
This level may be taken for a total of six semester hours.

480/Cooperative Education 3, 6 credits
Specifically oriented to the academic major with recognition of career objectives. Taken only with permission of faculty coordinator. Credit applied to major.
This level may be taken for a total of six semester hours.
For additional information about co-op, contact the Cooperative Education Center, Trenton State College, Hillwood Lakes CN 550, Trenton, New Jersey 08625, 609-771-2161.

HOURS AND DAYS
Beginning and ending times are stated fully for each course section in this schedule, according to the 24-hour clock, as follows:

<table>
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<tr>
<th>Time</th>
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<tr>
<td>0800</td>
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<td>2100</td>
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<td>2200</td>
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M = Monday  T = Tuesday  W = Wednesday
R = Thursday  F = Friday  S = Saturday
TBA = To Be Arranged

BUILDING DESIGNATION CODE

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<th>Building</th>
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<td>Bray Hall</td>
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<td>Crowell Hall</td>
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<td>Green Hall</td>
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<td>Holman Hall</td>
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African-American Studies

AAS 385/Cooperative 3,6 cr.
Education in African-American Studies

AAS 399/Cooperative 3,6 cr.
Education in African-American Studies

AAS 480/Cooperative 3,6 cr.
Education in African-American Studies
(See COOPERATIVE EDUCATION for description, p. )
Coordinator: Dickinson

AAS 499/Independent Study 2-5 cr.
in African-American Studies
Research and/or work experience in Black community under the supervision of faculty member in department of African-American studies.
Hours: TBA
Coordinator: Dickinson

Art

NOTE: Art history courses may require field trips at student expense.

ART 101/Foundations of Art 3 cr.
(75 minutes lecture, 100 minutes studio)
Personal and social meanings of art and their expression through technique, composition and subject. Art processes, principles of design and interpretations of symbols of art investigated through illustrated lectures, alternating with studio work in a variety of materials.
6/22-7/31 MTR 0830-1050
HH374 Instructor: Rigby
Class #5012
6/22-7/31 MTR 1100-1320
HH374 Instructor: Rigby
Class #5014

ART 105/Introduction to Art 3 cr.
History
(3 class hours)
A survey of the history of Western art.
Serves as a framework for all other art history offerings and makes the student aware of the sequence of cultural periods.
6/22-7/31 MTR 1600-1820
HH264 Instructor: Lehman
Class #5016

ART 111/Drawing 2 cr.
(1 class hour and 3 studio hours)
Prerequisite: A previous studio course in art
Drawing from observation, memory and invention; study of natural forms, light, perspective, color, gesture, grouping. Experience with the quick, indicative sketch and the definitive study of structures.
6/22-7/31 MTR 0830-1050
HH446 Instructor: Chapman
Class #5018

ART 201/Printmaking 2 cr.
(1 class hour and 3 studio hours)
Prerequisite: A previous studio course in art
Printmaking through print production, making of etchings and collage prints. Emphasis on exploring experimental contemporary developments of these techniques.
6/22-7/31 MTR 1830-2050
HH434 Instructor: Brooks
Class #5020

ART 211/Painting 2 cr.
(1 class hour and 3 studio hours)
Prerequisite: A previous studio course in art
Introduction to grounds, pigments, binders, solvents, varnishes, and brushes. Study of color, texture, edges, and spatial organization in abstract painting. Occasional work from portrait or figure models, still-life or outdoor sketching. Collage and mixed media.
6/22-7/31 MTR 1100-1320
HH446 Instructor: Goldstein
Class #5022

ART 301/Advanced Printmaking 3 cr.
Prerequisite: ART 201 or permission of instructor
Specialization in one printmaking media introduced in Printmaking I: (intaglio printing, relief printing, collography, etc.) Emphasis on exploring a more experimental contemporary application of these techniques. May be repeated.
6/22-7/31 MTR 1830-2050
HH434 Instructor: Brooks
Class #5024

ART 311/Advanced Drawing 3 cr.
(1 class hour, 3 studio hours, 2 hours by arr.)
Prerequisite: ART 111 or permission of instructor
Continuation of ART 111 with more advanced work; drawing as a means of personal expression. Intensified perception of the...
physical environment and the figure leading towards imaginative and inventive visual statements. May be repeated.

6/22-7/31 MTR 0830-1050 HH446 Instructor: Chapman

Class #5026

ART 312/Advanced Painting 3 cr.
(1 class hour, 3 studio hours, 2 hours by arr.)

Prerequisite: ART 211 or permission of instructor
Continuation of ART 211, with advanced work in traditional painting from nature, study of 20th century developments in painting, and original projects. May be repeated.

6/22-7/31 MTR 1100-1320 HH446 Instructor: Chapman

Class #5028

ART 385/Cooperative Education in Art I

ART 399/Cooperative Education in Art II

ART 480/Cooperative Education in Art III

(See COOPERATIVE EDUCATION for description, p. 8.)
Coordinators: Phelan/Skrzek

ART 499/Independent Study variable cr.

Prerequisites:
Enrollment in the upper division art major, three courses in the area of study with a B+ average in these courses.

Preregistration with approval of an art faculty sponsor and of department chairperson.

Individual, self-guided course of work and study for the advanced student under the supervision of a faculty committee. Opportunity to develop personal interests and strength within the major field. May be repeated.

Advanced Study Only.
Hours: TBA
Coordinator: Goldstein

Astronomy
(Physics Department)

AST 161/Descriptive Astronomy 3 cr.

(3 class hours)

Study of celestial bodies. Topics: earth and its motions, celestial sphere, moon, sun, planets, comets, meteors, stars, galaxies, cosmology, time, calendar. Evening observations with telescopes and planetarium demonstrations included:

6/29-7/31 MTR 0800-1050
CH114
Class #5046
6/29-7/31 MTR 1730-2050
CH114
Class #5044

Biology

BIO 181-182/Principles of Biology I and II

(2 class hours and 2 laboratory hours)

Restrictions: Not to be taken by biology majors without permission from the chairperson of the biology department.

Major principles of biology as they relate to man. The evolution of man from vertebrates in general and primates in particular; topics in birth control, human embryology, human genetics and human ecology.

Biology I

6/22-7/17 MTWR 1730-2030 CH201
Instructor: Vena

Class #5050

Biology II

7/20-8/14 MTWR 1730-2030 CH201
Instructor: Shevlin

Class #5052

BIO 183-184/General Biology I and II

(3 class hours and 3 laboratory hours)

For biology majors. Fundamentals of cellular and subcellular structures, tissues, genetics, metabolism, and organisinal biology: morphology and physiological function in plants and animals.

General Biology I

6/22-7/17 MTWR 0800-1240 CH217
Instructor: Klug

Class #5054

General Biology II

7/20-8/14 MTWR 0800-1240 CH217
Instructor: Lipton

Class #5056

BIO 312/Microbiology 4 cr.

(3 class hours and 2 laboratory hours)

Prerequisite: BIO 183-184

Fundamental concepts in microbiology and the relationship of microorganisms to disease, epidemiology, and the balance of nature. Laboratory emphasis: the physiology of bacteria preparation and use of selective and differential media and related methodology.

6/22-7/31 TWR 1730-2000 CH 239
Instructor: Price

Class #5058

BIO 443/Introduction to Freshwater Algae 1 cr.

(25 laboratory hours)

Prerequisite: BIO 183-184 or BIO 181-182 or permission of instructor

A field and laboratory course (no lecture).
Sampling of freshwater algae; flora of lakes, ponds, rivers and streams in the vicinity of the laboratory.

7/14-7/19 1930 CH215
Instructor: Shevlin

Class #5062

BIO 443/Introduction to Freshwater Algae 1 cr.

(25 laboratory hours)

Prerequisite: BIO 183-184 or BIO 181-182 or permission of instructor

A field and laboratory course (no lecture).
Sampling of freshwater algae; flora of lakes, ponds, rivers and streams in the vicinity of the laboratory.

7/14-7/19 1930 CH215
Instructor: Shevlin

Class #5062
BIO 461/Coastal Plain Ecology* 1 cr. (5 class hours and 20 laboratory hours)  
Prerequisite: BIO 261 or equivalent  
Acquaints students with the ecology of one of the major land areas of New Jersey.  
Predominantly field studies, but lecture and student seminars will also be employed to  
investigate Pine Barrens, cedar swamp and salt marsh environments.  
6/9-6/14 1930  
CH215 Instructor: Heck  
Class #5064  

BIO 385/Cooperative Education in Biology I  
BIO 399/Cooperative Education in Biology II  
BIO 480/Cooperative Education in Biology III  
(See COOPERATIVE EDUCATION for description. p. 8 )  
Coordinator: Hager  

BIO 499/Independent Study in Biology  
Prerequisite: Approval of the chairperson  
Student pursues an original research project under the direction of a supervising professor.  
Hours: TBA  
Coordinator: Kayne  

For information about the Marine Sciences Consortium, see page 55x244

Chemistry
CHM201-202/General Chemistry I and II  
(3 class hours and 2 laboratory hours each semester)  
Laws and theories of matter in its various states. Atomic and molecular structure from  
quantum and orbital interpretations. Kinetics and equilibrium. Periodicity and properties.  
Quantitative experiments coordinated with lectures. A working knowledge of elementary  
algabra is assumed.  
Chemistry I  
6/15-7/9  
CH316  
Class #5128  
6/15-7/9  
CH316  
Class #5130  
Chemistry II  
7/13-8/6  
CH316  
Class #5132  
7/13-8/6  
CH316  
Class #5134  
MTWR 0800-1210  
Instructor: Cohen  
MTWR 1215-1625  
Instructor: Aagaard  
MTWR 0800-1210  
Instructor: Dumas  
MTWR 1215-1625  
Instructor: Adler  

CHM 350/Fundamentals of Organic Chemistry  
(3 class hours)  
Restriction: Not applicable to chemistry major.  
Prerequisite: CHM 202  
A study of the homologous series of organic compounds with special emphasis on  
biological applications.  
6/8-6/19  
MTWRF 1730-2155  
CH139  
Instructor: Goodkin  
Class #5136  

CHM 351-352/Organic Chemistry I and II  
(3 class hours and 4 laboratory hours each semester)  
Restriction: Required for chemistry majors.  
Prerequisite: CHM 202  
The fundamentals of organic chemistry with emphasis on reaction mechanisms. Theory and descriptive material on aliphatic,  
allyclic, aromatic and heterocyclic compounds.  
Organic Chemistry I  
6/8-7/10  
MTWRF 0900-1255  
CH339  
Instructor: Nechamkin  
Class #5138  
Organic Chemistry II  
7/13-8/14  
MTWRF 0900-1255  
CH339  
Instructor: Lazarus  
Class #5140  

CHM 370/Fundamentals of Chemical Instrumentation  
(1 class hour and 4 laboratory hours)  
Restriction: Not applicable to chemistry major. A laboratory course emphasizing the  
use and application of specialized chemical instruments.  
6/8-6/26  
MTWRF 1730-2155  
CH139  
Instructor: Dumas  
Class #5142  

CHM 385/Cooperative Education in Chemistry I  
CHM 399/Cooperative Education in Chemistry II  
CHM 480/Cooperative Education in Chemistry III  
(See COOPERATIVE EDUCATION for description. p. 8 )  
Coordinator: Aagaard  

CHM 499/Independent Study in Chemistry  
(hours to be arranged)  
Designed for senior students who are majoring in chemistry. Individual research problems are  
pursued under the guidance of faculty. Chemistry minors may take three semester hours of this course by approval of  
the chemistry department chairperson. (May
## Criminal Justice

### CRJ 305/Criminology 3 cr.
(3 class hours)
Philosophies and orientations of various schools of criminal thought. Traces theories of criminal behavior from the 17th Century Classical School to contemporary criminological thought.
6/22-7/31 MTR 0830-1050  
BR133  Instructor: Ford-Somma  
Class #5156

### CRJ 310/Juvenile Delinquency 3 cr.
(3 class hours)
6/22-7/31 MTR 1100-1320  
BR133  Instructor: Berson  
Class #5158

### CRJ 415/Criminal Evidence 3 cr.
(3 class hours)
Prerequisites: CRJ 100 and CRJ 101; or permission of instructor.
Rules of evidence as applied to evidence in criminal cases. Development of constitutional doctrine as control on the administration of justice; the effect of the due process clause as applied to the states through a study of the leading Supreme Court decisions.
6/29-7/31 MTWR 0845-1200  
BR127  Instructor: Lengyel  
Class #5160

### CRJ 425/Internship in Criminal Justice 4 cr.
By arrangement. May be repeated for credit.
Hours: TBA  
Instructor: Nittoli  
Class #5162

### CRJ 435/Criminal Justice Research and Planning 3 cr.
Prerequisite: CRJ 100
Principles of research and planning in criminal justice. Analysis of the various methods of data collection. Comparative analysis of manual and evaluation of criminal justice data.
6/29-7/31 MTR 1100-1350  
BR127  Instructor: Fenwick  
Class #5164

### CRJ 491/Topics in Criminal Justice 3 cr.
Current or specialized topics proposed by faculty or students and approved by the department. May be taken for credit more than once as the topics differ.
8/3-8/14 MTWR 0800-1200  
CH101  Instructor: Feinman  
Class #5166

### CRJ 385/Cooperative Education in Criminal Justice I 3,6 cr.

### CRJ 399/Cooperative Education in Criminal Justice II 3,6 cr.

### CRJ 480/Cooperative Education in Criminal Justice III 3,6 cr.
(See COOPERATIVE EDUCATION for description, p. 8.)
Coordinator: Nittoli

### CRJ 499/Independent Study in Criminal Justice 3 or 6 cr.
Prerequisites: Criminal Justice major and permission of instructor.
For advanced students wishing to pursue a special area of interest in criminal justice. Students develop a proposal around a sophisticated research design, including problems definition, hypotheses, methodology, etc. to complete a comprehensive study. Topic and research design developed in consultation with a faculty adviser.
Hours: TBA  
Coordinator: Lengyel

### English

### ENG 107/English I: Writing 3 cr.
(3 class hours)
Understanding and practicing the relationship between reading and writing with emphasis on essays and expository prose.
6/22-7/31 MTWR 0845-1200  
HH315  Instructor: Williams  
Class #5232

### ENG 109/Intermediate Composition 3 cr.
Prerequisite: English I  
(3 class hours)
Study and practice of major forms of writing—exposition, argumentation, description and narration as well as guidance in and practice of writing a research paper.
6/22-7/31 MTWR 0845-1200  
HH315  Instructor: Williams  
Class #5232

### ENG 210/Descriptive Linguistics 3 cr.
(3 class hours)
**Pre requisite:** English I

An introduction to all aspects of language including child language development, how the mind works using language and the use of language for social interaction.

6/22-7/31  
MTR 0830-1050  
HH377  
Instructor: Birnes

Class #5234

**ENG 222/Short Story**  
3 cr.

(3 class hours)

**Prerequisite:** English I

Critical examination of the short story as a type of literature. Study of stories by such authors as Melville, Poe, Joyce, Kafka, Hemingway, Faulkner, Roth, Updike, Hawthorne, Chekhov.

6/22-7/31  
MTWR 1730-1915  
HH315  
Instructor: DeMeritt

Class #5236

6/29-7/31  
MTWR 0845-1050  
HH 372  
Instructor: Liddle

Class #5238

**ENG 246/The Film**  
3 cr.

(3 class hours)

**Prerequisite:** English I

Background and development of the motion picture; film technique and aesthetics; film criticism.

6/22-7/31  
MTWR 0830-1050  
HH316  
Instructor: Novick

Class #5240

6/29-7/31  
TR 1700-2100  
HH316  
Instructor: Novick

Class #5242

**ENG 313/Topics in Linguistics: People and Computers**  
3 cr.

A non-mathematical introduction to the computer designed to familiarize the student with uses of the computer in such areas as computer assisted instruction (CAI), computer assisted design (CAD), word processing, data management, and artificial intelligence. Computers will be available for student use.

8/3-8/14  
MTWR 0900-1400  
GR211  
Instructor: Beechhold

Class #5244

**ENG 385/Cooperative Education in English I**  
3,6 cr.

**ENG 399/Cooperative Education in English II**  
3,6 cr.

**ENG 480/Cooperative Education in English III**  
3,6 cr.

(See COOPERATIVE EDUCATION for description, p. 8)

Coordinator: Williams

**ENG 499a/Independent Study**  
variable

**Prerequisite:** Junior standing

Intensive study of a literary or linguistic problem chosen through consultation be-
tween student and instructor.

Hours: TBA  
Coordinator: Levin

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**Geography**

*(Geography & Geology Department)*

**Introduction to Geography**  
3 cr.

GGR 101/Physical Environment and Man

(3 class hours)

Nature and cultural environments and their interrelationship. Basic features of the earth. Use of literature of geography, atlases, maps, and other devises useful in locating and interpreting the charter of places.

6/22-7/31  
MTWR 0830-1050  
EB206  
Instructor: Hewitt

Class #5260

**GGR 385/Cooperative Education in Geography I**  
3,6 cr.

**GGR 399/Cooperative Education in Geography II**  
3,6 cr.

**GGR 480/Cooperative Education in Geography III**  
3,6 cr.

(See COOPERATIVE EDUCATION for description, p.8)

Coordinator: Strasser

**GGR 499/Independent Study**  
1-6 cr.

**Prerequisite:** Approval of the department

In-depth geographical study of a carefully defined area of interest selected by the student.

Hours: TBA  
Coordinator: Melvin

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**History**

**HIS 101/Western Civilization to 1648**  
3 cr.

(3 class hours)

Political, social, economic and intellectual developments underlying western civilization from its beginning to the dawn of the Enlightenment.

6/29-7/31  
MTWR 1730-2020  
EB209  
Instructor: Allen

Class #5296

**HIS 102/Western Civilization from 1648 to Present**  
3 cr.

(3 class hours)

Political, social, economic and intellectual developments underlying western civilization during the past three centuries. Special emphasis on forces that have molded today's world.

6/29-7/31  
MTWR 1400-1650  
EB209  
Instructor: Faughnan

Class #5298
HIS 116/American History from Reconstruction through the 1960's
(3 class hours)
Chronological survey of major developments in American history beginning with reconstruction following the Civil War through the 1960's.
6/29-7/31 MTR 1100-1350
EB208 Instructor: Staff
Class #5300

HIS 395/Cooperative Education in History I
3 cr.

HIS 399/Cooperative Education in History II
3,6 cr.

HIS 480/Cooperative Education in History III
(See COOPERATIVE EDUCATION for description, p. 8.)
Coordinator: Ellis

HIS 499/Independent Study in History
(3 class hours by arrangement)
Prerequisite: 12 hours in history or approval of instructor.
An intensive study of a problem or area of history through consultation and a close working relationship between student and instructor.
Hours: TBA
Coordinator: Karras

Mathematical Sciences

MAT 101/Foundations of Mathematics I
(3 class hours)
A liberal studies course. Provides intuitive and formal experiences in development and appreciation of structural bases characteristic of mathematics. Topics from: Logic, Sets, and Probability.
6/22-7/31 MTWR 1100-1245
HH252 Instructor: Staff
Class #5352
6/22-7/31 MTWR 1730-1915
HH252 Instructor: Staff
Class #5354

MAT 104/Mathematics in the Liberal Arts
(3 class hours)
Liberal studies course. Topics selected from the history of mathematics; the interrelation between mathematics and other disciplines; and applications of mathematics to the arts, philosophy, social sciences, physical sciences, and finance. The precise list of topics chosen varies widely among sections.
6/22-7/31 MTWR 0830-1015

MAT 108/Elements of Computing
(3 class hours)
Liberal studies course. Capabilities and limitations of computers. A computer language will be studied and used to program problems in two or three specific areas of computer usage.
6/22-7/31 MTWR 1330-1515
HH124 Instructor: Staff
Class #5358

MAT 115/Statistics I
(3 class hours)
Liberal studies course. Introduction to descriptive statistics and statistical inference. Topics include: averages, variability, histograms, probability, normal distribution, hypothesis testing.
6/22-7/31 MTWR 1330-1515
HH117 Instructor: Staff
Class #5360
6/22-7/31 MTWR 1930-2115
HH125 Instructor: Staff
Class #5362

MAT 211-212/Introduction to Quantitative Analysis I and II
(3 class hours each semester)
Liberal studies course. A sequence in quantitative methods for students of business, accounting, and social sciences. Topics in MAT 211 include: algebra, linear methods and probability. Topics in MAT 212 include (as a continuation of MAT 211): differential calculus, integral calculus and some additional probability.
6/22-7/31 MTWR 1100-1245
HH204 Instructor: Staff
Class #5364
6/22-7/31 MTWR 1330-1515
HH204 Instructor: Staff
Class #5366

MAT 215/Introduction to Computer Science I
(3 class hours)
A first course in computer programming using a higher level of language such as Fortran. Time permitting, a second computer language such as PL/1 or a second implementation of Fortran will be discussed. Recommended for students with strong high school mathematics background or for those who have done extremely well in college level mathematics courses.
6/22-7/31 MTWR 1130-1515
HH120 Instructor: Staff
Class #5368

MAT 225-226/Differential and Integral Calculus I and II
(3 class hours each semester)
Liberal studies course. Recommended for
majors in biological science, chemistry, economics and industrial technology. Concepts and applications of differential and integral calculus with cartesian geometry developed intuitively. Functions, extrema, rates; geometric, physical and industrial applications.

MAT 227/Calculus I 3 cr. (3 class hours each semester)
Liberal studies course. A two-semester course in differential and integral calculus intended for majors in mathematical sciences and physics. Prerequisite for many higher level mathematics courses. Typical topics: limits, derivatives, integrals, transcendental functions, and techniques of integration.

MAT 348/Teaching Modern Mathematics in the Elementary School 2 cr.
For students on the 01A Track only. Same as MAT 347 without JPE experience.

MAT 385/Cooperative Education in Mathematics I 3,6 cr.
MAT 399/Cooperative Education in Mathematics II 3,6 cr.
MAT 480/Cooperative Education in Mathematics III 3,6 cr. (See COOPERATIVE EDUCATION for description, p.8 )
Coordinator: Lee

MAT 495/Independent Study in Statistics 3 cr.
Prerequisite: MAT 116 or permission of instructor.
The student will study independently a selected area of this discipline through the use of course books and journal articles coordinating this study under supervision of advisers.

MAT 498/Independent Study in Mathematics 3 cr.
Prerequisite: By invitation only
Students will study independently an appropriate area. A department member will be assigned to advise the student.

MAT 499/Independent Study in Computer Science 3 cr.

Prerequisite: By invitation only
Student will study independently an appropriate area. A department member will be assigned to advise the student.

Music

Music 3 cr.

MUS 150/Survey of Music Literature 3 cr.
Liberal studies offering. Examination of periods, styles and outstanding musical personalities from the Renaissance to the contemporary scene. Non-music majors only.

MUS 160/Music Fundamentals 3 cr.
(Non-music majors only.)
Rhythm, melody and harmony in music. Basic knowledge of the keyboard. Musical skills acquired through singing, ear-training, music reading and creating original music.

MUS 271/Private Lessons in Aural Perception 3 cr.
Develops the student's aural perception, his ability to reproduce concepts vocally, and his sight-singing skills. Class #5432
(Fee: 1 cr. hr. & $120)

MAT 385/Cooperative Education in Music I 3,6 cr.
MAT 399/Cooperative Education in Music II 3,6 cr.
MAT 481/Cooperative Education in Music III 3,6 cr. (See COOPERATIVE EDUCATION for description, p.8 )
(Coordinator: Williamson)

Meteorology

Meteorology (Physics Department) 3 cr.
MTR 171/Introduction to Meteorology 3 cr.
Basic weather processes for non-science majors. Heat balance of earth-atmosphere system, motions, precipitation, air masses, fronts, storms, tropical meteorology, air pollution, weather modification.

Music
MU S 499/Independent Study 1-3 cr. in Music
Prerequisite: Permission of music department chairperson
Study in depth of a specific musical area selected through consultation between student and teacher.
Hours: TBA
Coordinator: Eicher

Philosophy
(Philosophy and Religion Department)

PHI 101/Introduction to Philosophy 3 cr.
(3 class hours)
Introduction to philosophical thinking. The nature and means of knowledge; the existence of God; the nature of reality; the relation of mind and body; free will and determinism; egoism vs. altruism; rights and equality. Emphasis is placed on individual students choosing and defending views of their own.
6/22-7/31
HH316
Instructor: Clouser
Class #5470

PHI 385/Cooperative Education in Philosophy I 3,6 cr.

PHI 399/Cooperative Education in Philosophy II 3,6 cr.

PHI 480/Cooperative Education in Philosophy III 3,6 cr.
(See COOPERATIVE EDUCATION for description, p. 8.)
Coordinator: Smith

PHI 497/Independent Study in Philosophy 3 cr.
Prerequisite: Permission of the department
Independent study of a particular philosophical topic, in close consultation with a member of the department.
Hours: TBA
Coordinator: Clouser

Physics

PHY 105-106/Physical Science for Non-Science Students I and II 3,3 cr.
(2 class hours and 2 laboratory hours)
Topics in physical sciences emphasize the solid state of matter. PHY 105 includes the motion, light, crystal structure. Personal involvement.

PHYSICAL SCIENCE I
6/22-7/10
CH334
Class #5478
Instructor: Hiack

PHYSICAL SCIENCE II
7/13-7/31
CH334
Class #5480
Instructor: Fink

PHY 201-202/General Physics I and II 4,4 cr.
(3 class hours and 2 laboratory hours)
Corequisite for PHY 201: MAT 225 or 227
Corequisite for PHY 202: MAT 226 or 228
PHY 201: Mechanics and wave motion. PHY 202: Heat, light, electricity and magnetism. Emphasizes understanding basic principles and concepts of physics. Use of problem solving is an integral part of course.

PHYSICS I
6/15-7/10
CH111
Class #5482
6/15-7/10
CH111
Class #5484
Instructor: Moses
Instructor: Gleenon

PHYSICS II
7/13-8/7
CH111
Class #5486
7/13-8/7
CH111
Class #5488
Instructor: Nicholas
Instructor: Schreiber

PHYSICS I
6/15-7/10
CH111
Class #5488
7/13-8/7
CH111
Class #5488
Instructor: Schreiber

PHYSICS II
7/13-8/7
CH111
Class #5488
7/13-8/7
CH111
Class #5488
Instructor: Schreiber

Political Science

POL 360/Government and Politics of the Soviet Union 3 cr.
(3 class hours)
Historical-physical foundation of the Sovi-
et system, Marxism-Leninism, the Communist Party, formal institutions of government, elite and functional groups, problems of industrialization and foreign policy.

6/29-7/31 TR 1700-2100
HH304 Instructor: Cheng
Class #5502

POL 385/Cooperative 3,6 cr.
Education in Political Science I

POL 399/Cooperative 3,6 cr.
Education in Political Science II

POL 480/Cooperative 3,6 cr.
Education in Political Science III
(See COOPERATIVE EDUCATION for description, p. 8.)

POL 398/Independent variable cr.
Study in Political Science
Prerequisite: Permission of department
Indepedent reading or research pursued under supervision of departmental adviser; project proposals may be presented by senior-level students for departmental consideration. Hours: TBA Coordinator: Cole

POL 497/Internship in Public 3-6 cr.
Affairs
Prerequisite: Permission of department
Supervised field experience in public agency or agency involving public affairs; program of readings and seminars integrates theory with experience in public administration and politics. (P/U grading.) Hours: TBA Coordinator: Cole

Class #5516

Psychology

PSY 101-102/Introductory 3,3 cr.
Psychology I and II
(3 class hours each semester)
Fundamentals of psychology stressing motivation, behavior dynamics, learning. Student participation in experimental studies.

Psychology I
6/22-7/31 MTWR 1530-1715
HH315 Instructor: Gorczynski
Class #5518
6/29-7/31 MTWR 0845-1050
HH117 Instructor: Steinman
Class #5520

Psychology II
6/22-7/31 MTR 0800-1050
EB409 Instructor: O'Neill
Class #5522

PSY 201/Educational Psychology 3 cr.

(3 class hours)
Psychological principles of learning, motivation, maturation, socialization, mental health, and evaluation as applied in education and specifically in the classroom. Emphasis on recent developments. Not recommended for psychology majors. Does not count for credit toward psychology major.

6/29-7/31 MTWR 1100-1305
HH315 Instructor: Steinman
Class #5524

PSY 203/Statistics in Behavioral Science 3 cr.
(2 class hours and 2 laboratory hours)
Prerequisite: PSY 101, PSY 102 or 201
Elementary calculation and interpretation of standard statistical techniques. Parametric measures up to elementary analysis of variance, factorial design. Introduction to non-parametrics.

6/29-7/31 MTR 0800-1050
EB423 Instructor: Phillips
Class #5526

PSY 222/Child Psychology 3 cr.
(3 class hours)
Prerequisite: PSY 101 or PSY 102
Psychological, physical and social development of children. Theories of development include learning, dynamic and cognitive theories.

6/22-7/31 MTWR 0830-1015
HH253 Instructor: Howe
Class #5529

PSY 224/Adolescent Psychology 3 cr.
(3 class hours)
Prerequisite: PSY 101 or PSY 102
Physical, intellectual, personality and social development during the period from puberty to the attainment of full adult status within the society. Emphasis on family, peer, school and community influences on development.

6/22-7/31 MTWR 0830-1015
HH253 Instructor: Howe
Class #5530

PSY 315/Social Psychology 3 cr.
(3 class hours)
Prerequisite: PSY 101 and 3 additional s.h. of psychology
Individual behavior in social situations. Development and change of beliefs and attitudes. Specific topics: morale, prejudice, leadership, propaganda, dynamics of small groups.

6/22-7/31 MTWR 1100-1245
HH253 Instructor: Howe
Class #5530

PSY 316/Psychology of Personality 3 cr.
(3 class hours)
Prerequisite: PSY 101 and 3 additional s.h.
of psychology
Contemporary approaches to the study of personality. Detailed treatment of various
modern theories of personality. Major determinants and dynamics of personality or-
organization.
6/29-7/31 MTR 1100-1350
EB407 Instructor: O'Neill
Class #5532

PSY 331/Introduction to Abnormal Psychology 3 cr.
(3 class hours)
Prerequisite: 6 s.h. of psychology
Principal types of behavior pathology, includ-
ing neurotic, psychotic and psychopathic disorders. Variables which theo-
ries and research indicate as important in the
development of abnormal behavior.
6/29-7/31 MTWR 1700-1905
HH253 Instructor: Waterman
Class #5534

PSY 333/Mental Health 3 cr.
(3 class hours)
Prerequisite: 6 s.h. of psychology
Examination of problems involved in self-
understanding and understanding of others.
Discussion of personality and personal value
systems. Elementary discussion of common
behavior problems.
6/29-7/31 MTR 1100-1350
EB411 Instructor: Hohmuth
Class #5536

Education in Recreation I
REC 480/Cooperative 3,6 cr.

Education in Recreation II
REC 493/Internship in Recreation (T.B.A.)
Prerequisite: Senior standing, major in recreation
Full semester of internship during the sen-
ior year with approved professionals in selected recreation programs. Direct super-
vision by professional and college faculty
supervisors. The student will assume line or
staff level positions in the urban or inner-city
setting. Research, observation, participation,
organization and supervision of activities.
(P/U grading)
Hours: TBA
Coordinator: Curry
Class #5558

REC 499/Independent Study 1-6 cr.
in Recreation
Hours: TBA
Coordinator: Curry

Religion
(Philosophy and Religion Department)

REL 151/Comparative Religion 3 cr.
(3 class hours)
Comparison of major teachings of Hindu-
ism, Buddhism, Zen Buddhism, Taoism,
Confucianism, Judaism, Christianity and Is-
lam. The Hindu Bhagavad Gita, Buddhist
scriptures and/or other original sources will
be read.
6/22-7/31 MTR 1100-1320
HH 117 Instructor: Smith
Class #5572

REL 385/Cooperative Education in Religion I 3,6 cr.
REL 399/Cooperative Education in Religion II 3,6 cr.
REL 480/Cooperative Education in Religion III 3,6 cr.
(See COOPERATIVE EDUCATION for de-
scription, p. 82.)
Coordinator: Smith

REL 497/Independent Study 3 cr.
in Religion
Prerequisite: Permission of the depart-
ment
Independent study of a particular topic in
religion, in close consultation with a member
of the department.
Hours: TBA
Coordinator: Clouser
Sociology

Sociology 101/Introductory 3 cr.
Sociology (3 class hours)
Perspectives and methods of the sociological approach. Analysis of institutions, class, ecology, and the processes of interaction. An introductory study of the nature of culture and cultural change.
6/22-7/31 MTR 1100-1320
BR 125 Instructor: Anderson
Class #5604
6/22-7/31 MTR 1830-2050
BR 125 Instructor: Anderson
Class #5606

Sociology 315/American Minority Groups 3 cr.
(3 class hours)
Prerequisite: Sociology 101
Racial, religious, ethnic, sexual and other minorities; their interaction with the dominant society. Social, psychological and economic factors in minority-majority relations.
6/22-7/31 MTR 1330-1550
BR 125 Instructor: Anderson
Class #5608

Sociology 385/Cooperative Education in Sociology I 3,6 cr.
Sociology 399/Cooperative Education in Sociology II 3,6 cr.
Sociology 480/Cooperative Education in Sociology III 3,6 cr.
(See COOPERATIVE EDUCATION for description, p. 8.)
Coordinator: Anderson

Sociology 402/Individual Research 3 cr.
Prerequisites: Sociology 101, 401, MAT 115 and permission of instructor
Continuation of Sociology 401. Student chooses research topic and member of faculty to supervise. May be repeated for credit.
Hours: TBA
Coordinator: Anderson
Class #5610

Sociology 450/Senior Honors 3 cr.
(3 class hours)
Prerequisite: Advanced standing in department of sociology-ethnography
Individual and seminar participation. Selected topics. May be repeated for credit.
Hours: TBA
Coordinator: Anderson
Class #5612

Speech Communication and Theatre

Speech Communication and Theatre

SCT 100/Speech I: Fundamentals of Public Speaking 3 cr.
(3 class hours)
The techniques of public speaking. Attention given to speaker-listener relationships, management and choice of ideas; selection and organization of materials; use of language; non-verbal elements.
6/22-7/31 MTR 0830-1050
KE113 Instructor: Staff
Class #5588
6/29-7/31 MTWR 0845-1050
HH204 Class #5588

SCT 385/Cooperative Education in Speech Communication and Theatre I 3,6 cr.
SCT 399/Cooperative Education in Speech Communication and Theatre II 3,6 cr.
SCT 480/Cooperative Education in Speech Communication and Theatre III 3,6 cr.
(See COOPERATIVE EDUCATION for description, p. 8.)
Coordinators: Dennison/McCullough

Spanish

Spanish 101-102/Spanish for Beginners I and II 3,3 cr.
(3 class hours and 1 laboratory hour each semester)
An introduction to spoken and written Spanish, emphasizing the skills of reading, comprehension and writing.
Spanish I
6/22-7/2 HH255
Class #5422
Spanish II
7/6-7/16 HH255
Class #5424

Social Welfare
(Sociology Department)

Social Welfare
(Sociology Department)

SWE 385/Cooperative Education in Social Welfare I 3,6 cr.
SWE 399/Cooperative Education in Social Welfare II 3,6 cr.
SWE 480/Cooperative Education in Social Welfare III 3,6 cr.
(See COOPERATIVE EDUCATION for description, p. 8.)
Coordinator: Anderson

Spanish

Spanish 101-102/English for Beginners I and II 3,3 cr.
(3 class hours and 1 laboratory hour each semester)
An introduction to spoken and written Spanish, emphasizing the skills of reading, comprehension and writing.
Spanish I
6/22-7/2 HH255
Class #5422
Spanish II
7/6-7/16 HH255
Class #5424

MTWR 0800-1300
Instructor: Hernandez

MTWR 0800-1300
Instructor: Hernandez
BUSINESS

Business
See also: Economics; Management

BUS 210/Introduction to Business 3 cr.
(3 class hours)
Basic survey course in business. Designed to equip the student with a fundamental understanding of modern business.
6/22-7/31 MTR 1600-1820
HH 105 Instructor: Sherrer
Class #5084

BUS 260/Accounting Principles I 3 cr.
(3 class hours)
Basic course in financial accounting including study of the accounting cycle, classification and valuation of assets and periodic income measurement.
6/15-7/9 MTWR 0845-1050
GR 219 Instructor: Shiarappa
Class #5086

BUS 261/Accounting Principles II 3 cr.
(3 class hours)
Prerequisite: BUS 260 or BUS 262
Cost-volume-profit analysis, cost systems, budgeting and performance evaluation for goal congruence, funds-flow statement, and statement analysis.
7/13-8/6 MTWR 0845-1050
GR 219 Instructor: Shiarappa
Class #5088

BUS 310/Management Principles 3 cr.
(3 class hours)
Prerequisite: Junior Standing
The management functions of planning, organizing, controlling, and activating as applicable to organizations in the public and private sector.
6/29-7/31 MTR 0800-1050
GR 211 Instructor: Hofmann
Class #5090

BUS 312/Office Management 3 cr.
(3 class hours)
Survey of managerial functions and supervisory control as they relate to the leadership function of the administrative office manager.
6/22-7/31 MTR 1830-2050
HH 105 Instructor: Cherashore
Class #5094

BUS 315/Business Report Writing 3 cr.
Prerequisite: English I or equivalent
Emphasis on communication theory as applied to the analysis and preparation of information and analytical reports. Covers the use of formal and informal reports in a wide variety of organizational settings.
6/22-7/31 MTR 1330-1550
LE 208 Instructor: Sherrer
Class #5096

BUS 330/Business and Economic Statistics 3 cr.
(3 class hours)
Prerequisite: 6 semester hours of mathematics
Basic tools and techniques of descriptive and inferential statistics especially as applied to business.
6/22-7/31 MTR 1830-2050
HH 204 Instructor: Staff
Class #5098

BUS 332/Business Communications 3 cr.
(3 class hours)
Application of writing and speaking to the communication requirements of business—their roles, techniques and types, with exercises in the formulation of some business communication products.
6/15-7/9 MTWR 1100-1350
GR 219 Instructor: Vogel
Class #5100

BUS 333/Public Relations 3 cr.
(3 class hours)
Public relations as a tool to supplement the efforts of management. Emphasis is placed on business-community relations and customer-company relations.
6/22-7/31 MTR 1100-1320
HH 316 Instructor: Shenker
Class #5102

BUS 499/Independent Study A 1-6 cr.
Prerequisite: Permission of instructor
An opportunity to engage in individual or small-group projects and studies not otherwise available in the curriculum; under the supervision of a faculty adviser. (Independent study activities may not be substituted for required courses in an individual’s major program.)
Hours: TBA
Coordinator: Duffy

BUS 499/Independent 1-6 cr.
Study B  
Prerequisite: Permission of instructor  
An opportunity to engage in individual or small-group projects and studies not otherwise available in the curriculum; under the supervision of a faculty adviser. (Independent study activities may not be substituted for required courses in an individual's major program.)  
Hours: TBA  
Coordinator: Sherrer  
BUS 385/Cooperative 3,6 cr.  
Education in Business I  
BUS 399/Cooperative 3,6 cr.  
Education in Business II  
BUS 480/Cooperative 3,6 cr.  
Education in Business III  
(See COOPERATIVE EDUCATION for description, p. 8.)  
Coordinators: Gaston/ Shiarappa/ Levitt  

Economics  
See also: Business; Management  
ECO 201/Principles of Economics: Macro 3 cr.  
(3 class hours)  

D.I.E.T.  

Industrial Education and Technology  
IET 111/Graphic Representation 3 cr.  
(2 class hours and 3 laboratory hours)  
Engineering graphics as a language and a tool of industry. Free hand drawing, orthographic projection and base descriptive geometry, axonometric drawings, developments and intersections. Basic dimensioning and reproduction of working drawings.  
6/22-7/31 MTWR 1930-2210  
AR 47  
Instructor: Laws  
Class #5314  
IET 165/Industrial Plastics 3 cr.  
(2 class hours and 3 laboratory hours)  
Familiarization and the materials, tools, processes of production and development of the plastic industries. Emphasis on duplicating or adapting industrial procedures. Field trips may be required at student expense.  
8/3-8/14 MTWR 0800-1600  
AR 16  
Instructor: Hess  
Class #5316  
IET 171/General Industrial Arts 3 cr.  
(2 class hours and 3 laboratory hours)  
Not open to industrial education majors. Liberal Studies course. Demonstrations, discussions, and practical application of common tools and materials. Development of appreciation of industry through activities using woods, metals, leather, plastics and other materials by planning and making useful products.  
6/22-7/31 MTWR 1930-2210  
AR 36  
Instructor: Weber  
Class #5318  
IET 179/General Photography 3 cr.  
(1 class hour and 4 laboratory hours)  
Not open to industrial education majors. Each student must furnish his own adjustable camera.  
Principles and practices of general photography. Emphasis on candid portrait and pictorial photography and photography's role of visual communication. Activities include picture taking, processing, enlarging  

Macroeconomics: an introduction to economic concepts and their application to problems of unemployment, inflation and economic growth. Government fiscal and monetary policies are examined.  
6/8-7/10 MTWR 1100-1305  
NU 111  
Instructor: Staff  
Class #5190  
ECO 202/Principles of Economics: Micro 3 cr.  
(3 class hours)  
Microeconomics: an analysis of price determination in product and resource markets under varying competitive conditions.  
7/13-8/14 MTWR 1100-1305  
NU 111  
Instructor: Staff  
Class #5192  
ECO 385/Cooperative Education in Economics I 3,6 cr.  
ECO 399/Cooperative Education in Economics II 3,6 cr.  
ECO 480/Cooperative Education in Economics III 3,6 cr.  
(See COOPERATIVE EDUCATION for description, p. 8.)  
Coordinator: Hinck  
For information about special workshops in Business and Economics, see page 00.
and photo finish.
6/22-7/31
MTR 1800-2130
AR 3
Instructor: Karnsitz
Class #5320

IET 312/Machine Drawing 3 cr.
(2 class hours and 3 laboratory hours)
Prerequisite: IET 111
Machine drawing including elementary
Cam and gear design. Working drawings,
detail and assembly drawings. Familiar-
ization with linkages, fasteners, threads and
machine components. Reproduction of shop
drawings.
6/22-7/31
MTWR 1930-2210
AR 47
Instructor: Laws
Class #5322

IET 323/Photography in the
Graphic Arts
(2 class hours and 3 laboratory hours)
Prerequisite: IET 121
The study of photography in both scientific
and aesthetic terms. Experience in taking
photos, printing and mounting of pic-
tures, lighting techniques and special proc-
esses.
6/22-7/31
MTR 1800-2130
AR 3
Instructor: Karnsitz
Class #5324

IET 391/Foundations of
Practical Arts and Vocational
Education
(3 class hours)
Philosophical and psychological basis of
practical arts and vocational education in
contemporary American life; historical roots,
present values, objectives and contributions.
Industrial education curriculum reviews,
their relationship to one another and role in
American education. Field trips may be re-
quired at student expense.
6/22-7/31
MTWR 1700-1905
AR 73
Instructor: Alexander
Class #5326

IET 393/Content and Methods
in Practical Art and Vocational
Education
(3 class hours)
(Voc. Ed. Majors Only)
Prerequisite: IET 391
Methods of teaching, safety and evaluation
studied in relation to objectives. Selection
and organization of subject matter and de-
velopment of programs and courses of study
in practical art and vocational education.
Hours: TBA
Coordinator: Oakley
Class #5328

IET 460/Cooperative
Industrial Education
Planned cooperative industrial work
experience in selected industries. Developing
an understanding of industry through ob-
servation and participation in a typical in-
dustrial assignment.
Hours: TBA
Coordinator: Hess

IET 466/Workshop in Industrial
Education: Metrics
Prerequisite: Recommendations of faculty
adviser, approval of department chairperson
Advanced course dealing with technical
experiences in industrial education, labora-

tory and theoretical study. Designed to in-
crease effectiveness as a teacher of in-
dustrial education by providing experiences
in specialized areas made necessary by
changes in technology.
6/8-6/11
MTWR 1745-2145
AR 36
Instructor: Krupa
Class #5332

IET 466/Workshop in Industrial
Education: Mohican Work Week
Prerequisite: Recommendation of faculty
adviser, approval of department chairperson
Advanced course dealing with technical
experiences in industrial education, labora-
tory and theoretical study. Designed to in-
crease effectiveness as a teacher of in-
dustrial education by providing experiences
in specialized areas made necessary by
changes in technology. (See Page 61)

Hours: TBA
Coordinator: Weber
Class #5334

IET 466/Workshop in Industrial
Education: Plastics
Prerequisite: Recommendation of faculty
adviser, approval of department chairperson
Advanced course dealing with technical
experiences in industrial education, labora-
tory and theoretical study. Designed to in-
crease effectiveness as a teacher of in-
dustrial education by providing experiences
in specialized areas made necessary by
changes in technology.
8/3-8/14
MTWR F0800-1600
AR 16
Instructor: Hess
Class #5330

IET 489/Senior Project
(EET Majors)
(1 class hour and laboratory to be ar-
anged)
Prerequisite: Senior standing
‘Focus on students’ previous experience
upon specific technical projects. Library re-
search, design, cost analysis, construction
and testing. Students work with faculty ad-
viser, become aware of other projects
through informal seminar meetings.
Hours: TBA
Coordinator: Katz
Class #5336

IET 489/Senior Project: 2 cr.
(MET & IET Majors)
(1 class hour and laboratory to be arranged)

Prerequisite: Senior standing
Focusing of students' previous experience upon specific technical projects. Library research, design, cost analysis, construction and testing. Students work with faculty adviser, become aware of other projects through informal seminar meetings.

Hours: TBA
Coordinator: Shelly
Class #5338

IET 497/Independent Study in Industrial Education and Technology
Prerequisite: Permission of instructor and division director
For advanced students wishing to pursue a special area of interest in industrial education or technology. Topic developed in consultation with a faculty adviser.

Hours: TBA
Coordinator: Thrower

IET 370/Cooperative Education in Industrial Education and Technology I
IET 375/Cooperative Education in Industrial Education and Technology II
IET 474/Cooperative Education in Industrial Education and Technology III
(See COOPERATIVE EDUCATION #385,399,480 for description, page 8.)
Coordinator: Wolfe/Hess

EDUCATION

Early Childhood Education

See also: Elementary Education; Reading

ECE 204/Guiding the Learning Experience of Young Children
3 cr.
(2 class hours and 2 laboratory hours)
Characteristics and needs of young children; significance of experience; role of the teacher; basic principles and practices in teaching young children; observation and participation in a nursery school or a day care center. Field trips may be required at student expense.

6/29-7/31 MTR 0800-1050
EB 224 Instructor: Staff
Class #5180

ECE 360/Curriculum of Early Childhood Education
3 cr.
(3 class hours)
Basic concepts underlying the curriculum for young children in the nursery school. Curriculum planning; techniques, methods and materials; role of the teacher in presenting appropriate curriculum content.

6/29-7/31 MTR 1100-1350
EB 201 Instructor: Staff
Class #5182

ECE 385/Cooperative Education in Early Childhood Education I
3,6 cr.

ECE 399/Cooperative Education in Early Childhood Education II
3,6 cr.

ECE 480/Cooperative Education in Early Childhood Education III
3,6 cr.
(See COOPERATIVE EDUCATION for description, p. 8.)
Coordinator: Adams

ECE 498/Independent Study in Early Childhood Education
1-3 cr.
Prerequisite: Department approval
An in-depth independent study of an aspect of early childhood education chosen through consultation between the student and a faculty adviser.

Hours: TBA
Coordinator: Yates

Educational Field Experiences

SEC 491/Seminar in Supervised Teaching: Secondary and Special Fields—Observation and Participation
6 cr.
Part I. A series of pre-session orientation meetings held during the latter part of the spring semester.
Part II. A summer session consisting of daily lectures, class discussions, conferences, observation and limited participation in demonstration classes. Topics include aims and objectives of present-day educational programs, lesson and unit planning, the public school curriculum, classroom management, measurement and evaluation of student progress. Open to graduate students enrolled in MAT programs.
Educational Foundations

EDF 300/Development of Educational Thought (3 class hours)
Synoptic study of the history of European and American education; principles underlying educational theories and practices; philosophies of education and their implications for modern education. Emphasis upon developing a personal philosophy of education.
6/29-7/31  MTR 1400-1650
EB 101  Instructor: Skelton
Class #5196

EDF 300/Development of Educational Thought (3 class hours)
Synoptic study of the history of European and American education; principles underlying educational theories and practices; philosophies of education and their implications for modern education. Emphasis upon developing a personal philosophy of education.
6/29-7/31  MTR 1400-1650
EB 101  Instructor: Skelton
Class #5196

EDF 400/The Teacher in School and Community (2 class hours)
The influence of economic, political and social forces on the role of the teacher and the school, school law, collective bargaining and problems in public education. Special emphasis will also be given to human and intercultural relations.
6/29-7/31  MTR 1100-1250
EB 206  Instructor: Morrison
Class #5200

EDF 400/The Teacher in School and Community (2 class hours)
The influence of economic, political and social forces on the role of the teacher and the school, school law, collective bargaining and problems in public education. Special emphasis will also be given to human and intercultural relations.
6/29-7/31  MTR 1100-1250
EB 206  Instructor: Morrison
Class #5200

EDF 499/Independent Study in Educational Foundations
Prerequisite: Permission of major department chairperson
Intensive study of a selected area chosen through consultation between student and instructor.
Hours: TBA
Coordinator: Carroll

Elementary Education

See also: Reading; Early Childhood Education

ELM 325/Teaching Science and Social Studies in the Elementary School (3 class hours)
(Required of students in Track OIA.) Purpose, scope and sequence of science and social studies instruction. Planning for teaching of science and social studies content. (May not be substituted for ELM 306.)
6/29-7/31  MTR 0800-1050
EB 347  Instructor: Staff
Class #5216

ELM 341/Language Arts in the Elementary School (3 class hours)
Prerequisite: ENG 210
Language as a form of social behavior; language needs of children; methods and materials including children's literature in developing oral and written language skills.
6/29-7/31  MTR 1100-1350
EB 347  Instructor: Staff
Class #5218

ELM 385/Cooperative Education in Elementary Education I 3,6 cr.
ELM 399/Cooperative Education in Elementary Education II 3,6 cr.
ELM 480/Cooperative Education in Elementary Education III 3,6 cr.
(See COOPERATIVE EDUCATION for description, p.8.)
Coordinator: Adams

ELM 491/Seminar in Supervised Teaching: Observation and Participation 6 cr.
(Summer only for Track OIA)
For information regarding this course, contact Mr. Robert Gerke, Office of Student Teaching (609-771-2408). Offered for students pursuing a part-time program in elementary education. Open also to graduate students enrolled in MAT programs. A series of pre-session orientation meetings held during the latter part of the spring semester and summer session consisting of daily lectures, class discussions, conferences, observation and participation in demonstration classes. Topics include aims and objectives of present-day educational programs; lesson and unit planning; the public school curriculum; classroom management and measurement and evaluation of student progress. Completion of 90 semester hours including the following professional courses is prerequisite to ELM 491:
ELM 101/The Modern Elementary School
ELM 201/Teaching Science
ELM 325/Teaching Science and Social Studies in the Elementary School
MAT 348/Teaching Modern Mathematics
In the Elementary Grades
ELM 341/Teaching Language Arts in the Elementary School

25
ELM 361/Elementary School Curriculum
ELM 413/Principles and Practices of Elementary Education
6/29-7/31 MTWRF 0800-1500
EB159 Coordinator: Staff
Class #5220

ELM 498/Independent Study 1-3 cr.
In Elementary Education
Prerequisite: Departmental approval
An independent study of an aspect of elementary education chosen through consultation between the student and a faculty adviser.
Hours: TBA
Coordinator: Harned

Health Education

See also: Physical Education, Recreation

HED 150/Contemporary Health 2 cr.
Problems
Scientific discovery and recent progress in health science as an approach to the solution of health problems. Health is considered as a means to effective living: self-evaluation is encouraged.
6/22-7/31 MTR 0830-1050
EB411 Instructor: McCorkle
Class #5274
6/22-7/31 MTR 1600-1740
EB205 Instructor: Chilakos
Class #5276

HED 356/Foundations of Sex Education 3 cr.
6/22-7/31 MTR 1830-2050
NU323 Instructor: Brown
Class #5278

HED 358/Perspectives on Aging, Death and Dying 3 cr.
Analysis of personal meanings of aging, death and dying viewed from biological, psychosocial, medical and bioethical aspects. Roles of professionals in these areas and appraisal of current trends and research.
6/22-7/31 MTR 0830-1050
EB349 Instructor: Herzstein
Class #5280

HED 453/Alcohol and Narcotics 3 cr.
Workshop
Investigates various drug dependencies and their effect on the individual and society. Scientific discovery regarding the use, misuse and abuse of mood-modifying substances is emphasized.

6/22-7/16 HH377 Instructor: Herzstein/Fassbender

HED 385/Cooperative Education in Health I
3,6 cr.

HED 399/Cooperative Education in Health II
3,6 cr.

HED 480/Cooperative Education in Health III
(See COOPERATIVE EDUCATION for description, p. 8.)
Coordinator: Runquist

HED 499/Independent Study in Health variable cr.
Prerequisite: Approval of topic by department
For advanced students, in-depth study of carefully defined area of health.
Hours: TBA
Coordinator: Wright

Media Communication Science

MCS 217/Television Production I 3 cr.
Television studio production; camera operation, basic principles of lighting, sound and set design; functions of floor director; control room operations and basic television directing.
6/29-7/31 MTR 0800-1050
EB124 Instructor: Rogosky
Class #5414

MCS 385/Cooperative Education in Media Communication Science I 3,6 cr.

MCS 399/Cooperative Education in Media Communication Science II 3,6 cr.

MCS 480/Cooperative Education in Media Communication Science III (See COOPERATIVE EDUCATION for description, p. 8.)
Coordinator: Romano

MCS 499/Independent Study in Media Communication (credit varies with assignment)
Approval of department chairperson. Intensive individual study under faculty supervision of a selected problem in media/communication field.
Hours: TBS
Coordinator: Kaplowitz
Physical Education
See also: Health Education, Recreation

PED 131/Golf 1 cr.
Development of golfing skills, plus knowledge of basic rules and etiquette. Field trips may be required at student expense.
6/8-6/19 MTWR 1600-1800
PA103 Instructor: Oshel
Class #5444

PED 153/Basketball 1 cr.
Development and utilization of basic skills and game strategies plus a study of the rules accompanied by introduction to applicable teaching techniques and methodologies.
6/8-6/19 MTWR 1800-2000
Gyms I & II Instructor: Oshel
Class #5446

PED 203-204/Human Anatomy and Physiology 6 cr.
(Two 75 min lectures & one 50 min lab each semester)
Prerequisite: BIO 181 & 182
Structure and function of the various tissues, organs and systems of the human body, with applications of structural and functional relationships pertinent to the professions of health and physical education.
6/8-6/25 MTWR 0750-1150
PA101 Instructor: Schmid
Class #5448
6/29-7/16 MTWR 0750-1150
PA101 Instructor: Schmid
Class #5450

PED 335/Driver Education 3 cr.
Prerequisite: senior standing or approval of program director
Methodology relating to knowledge, skill and psychological considerations in teaching driver education. This course certifies individuals to teach driver education in New Jersey.
6/22-7/10 MTWR 0900-1200
PA103 Instructor: Oshel
Class #5452

PED 337/Motorcycle Rider Course 1 cr.
Preregistration required
The course presents skills and knowledge necessary to operate a motorcycle safely and efficiently, thereby reducing the possibility of accident or injury.
7/27-7/30 MTWR 0900-1500
RE3 Instructor: Cochrane
Class #5454

PED 495/Teaching Health, Physical Education and Safety in Elementary Grades 2 cr.
(Two 100 min/qrtr.)
Prerequisite: HED 150
Theory and practice of health, physical education and safety in the elementary school physical education program. Required of all elementary education majors.
6/22-7/31 MTR 830-1000
Gym II Instructor: Brink
Class #5456

PED 385/Cooperative Education in Physical Education I 3,6 cr.

PED 399/Cooperative Education in Physical Education II 3,6 cr.

PED 480/Cooperative Education in Physical Education III (See COOPERATIVE EDUCATION for description, p. 8.)
Coordinator: Curry

PED 499/Independent Study in Physical Education variable cr.
Prerequisite: Approval of topic by department
For advanced student, in-depth study of a carefully defined area of physical education. Hours: TBA
Coordinator: Wright

Reading
See also: Elementary Education; Early Childhood Education

RDG 323/Teaching Reading in the Elementary Grades 3 cr.
(3 class hours)
Prerequisite: ENG 210 (Required of students enrolled in Track OIA.)
Basic principles. Nature of reading programs for the elementary school. Methods and materials used in a sequential reading program. Teacher's responsibility in guiding the elementary school reader's growth. (May not be substituted for ELM 305.)
6/29-7/31 MTR 1100-1350
EB319 Instructor: Staff
Class #5550

RDG 327/Teaching Reading in the Junior and Senior High School 3 cr.
(3 class hours)
Includes causes of reading difficulty, nature of reading process; procedures for developing reading study skills, word recognition; comprehension, appreciation; reading programs; materials for teaching; measurement and evaluation.
6/29-7/31 MTR 1100-1350
EB320 Instructor: Staff
Class #5552

RDG 421/Diagnosis of Reading Difficulties 3 cr.
(3 class hours)
**Pre requisites:** RDG 305, or RDG 315, RDG 323, RDG 327 or equivalent

Nature, analysis, and causes of reading disabilities; principles and approaches to diagnosis; techniques of diagnosis and use of tests. Overcoming reading defects in comprehension, basic study skills and oral reading.

6/29-7/31 MTR 0800-1050
EB256
Class #5554
6/29-7/31 MTR 1730-2020
EB256
Class #5556

**Recreation** (see page 19.)

**Special Education**

SED 385/Cooperative 3,6 cr.
Education in Special Education I

SED 399/Cooperative 3,6 cr.
Education in Special Education II

SED 480/Cooperative 3,6 cr.
Education in Special Education III

(See COOPERATIVE EDUCATION for description, p. 8.)
Coordinator: Haines

SED 499/Independent 1-3 cr.
Study in Special Education

To encourage students to explore independently a specific topic under the supervision of a faculty member. Such a study could include a unique case study, exploration of a research topic, extensive reading in an area of interest, participation in department of inter-agency clinics, workshops, etc., or such other independent studies that would contribute to the professional growth of the student.

Hours: TBA
Coordinator: Feehan

**NURSING**

**NUR 404/Elements of the Research Process: Basis for the Practice of Professional Nursing**

**Prerequisite:** NUR 202 and NUR 422

Introduction to the elements, process and evaluation of research as a scientific basis of knowledge fundamental to the practice of nursing.

6/22-7/31 NU 111 Class #5440

6/22-7/31 MW 1500-1700

Instructor: Staff

**Speech Pathology and Audiology**

SPP 318/Audiology I 3 cr.

(3 class hours)

**Prerequisite:** SPP 308

Experience in the various methods of hearing testing. Types and causes of hearing impairment and role of audiometry in diagnosis.

6/29-7/31 MTR 1100-1350
EB101
Instructor: Schwartz
Class #5618

SPP 385/Cooperative 3,6 cr.

Education in Speech Pathology I

SPP 399/Cooperative 3,6 cr.

Education in Speech Pathology II

SPP 480/Cooperative 3,6 cr.

Education in Speech Pathology III

(See COOPERATIVE EDUCATION for description, p. 8.)
Coordinator: Jones

SPP 490/Student Teaching 4 cr.

Clinical Practice I

**Prerequisite:** Completion of freshman, sophomore and junior speech pathology and audiology courses with 2.5 g.p.a. in major. Supervised clinical experience in speech and language therapy with children and adults. (P/U grading)

Hours: TBA
Coordinator: Hornyak
Class #5620

SPP 491/Student Teaching 4 cr.

Clinical Practice II

Continuation of Clinical Practice I. Supervised clinical experience in diagnosis and therapy with children and adults who have speech and language problems. (P/U grading)

Hours: TBA
Coordinator: Hornyak
Class #5622

**NUR 413/Nursing IV (CBE) 4 cr.**

(Refer to the Undergraduate bulletin for description.)

6/22-7/31 NU 108 Class #5442

Instructor: Staff

**NUR 499/Independent Study** 1 cr.

Hours: TBA
Coordinator:

Class #5443

**NU 111**

Class #5441

Instructor: Staff
GRADUATE ADMISSION REGISTRATION INFORMATION
GRADUATE COURSE OFFERINGS
GRADUATE REGISTRATION

For those already enrolled with the Graduate Division:

1. Complete forms A and C. Students enrolled in a degree program must have registration cards signed by graduate program adviser prior to registration; an appointment is recommended.**

2. Detach forms.

3. Enclose check or money order (payable to Trenton State College) with forms and mail to:
   Division of Continuing and Adult Education
   Trenton State College
   Hillwood Lakes CN 550
   Trenton, NJ 08625.

IN-PERSON REGISTRATION will be held in the office of the Division of Continuing and Adult Education, Room 10, Green Hall, beginning on May 18, Monday through Wednesday 8:30-3:00 p.m. and Thursday 12:30-8:30 p.m.

*Please note: Graduate students not enrolled with the Graduate Division should follow graduate admission procedure, page

**After May 18, 1981 faculty advisers may not be available on a regular basis; however, students may secure advisement after this date from the Graduate Office if they are unable to reach their adviser.

GRADUATE REGISTRATION DEADLINES

READ CAREFULLY THE REGISTRATION DEADLINES BELOW

Final Registration Dates Vary According to Specified Schedules. No Registration Can be Accepted After the Deadlines Stated.

MAIL REGISTRATION
April 20-May 27

Please note: Mail registration cannot be accepted beyond the postmark date of May 27.

IN-PERSON REGISTRATION BEGINS
May 18

8:30 a.m.-3:00 p.m. Monday through Wednesday
12:30-8:30 p.m. Thursday

In-person registration.

Late registration ($15 late registration fee)

For class beginning on June 8
May 18-June 5
June 8

For classes beginning on June 22
May 18-June 19
June 22, 23, 24

For classes beginning on June 29
May 18-June 26
June 29, 30

For classes beginning on August 3
May 18-July 31
August 3

GRADUATE ADMISSION PROCEDURES

REQUIREMENTS AND PROCEDURES FOR ADMISSION TO THE GRADUATE DIVISION
1. Students not intending to enroll in a degree program at Trenton State College Graduate Division must:
   a. possess a bachelor's degree from an accredited college or university in the United States, or proof of equivalent preparation at a foreign university;
   b. complete form G500d, Applications for Admission to the Graduate Division as an Unclassified (Non-Degree) Student. It is imperative that the information be complete and accurate;
   c. include an official transcript of the undergraduate record with the admission application or forward it to the Graduate Office immediately after filling the application; and
   d. pay a non-refundable application fee of $10.

2. Students intending to enroll in a degree program at Trenton State College Graduate Division must:
   a. possess a bachelor's degree from an accredited college or university in the United States, or proof of equivalent preparation at a foreign university;
   b. have a minimum general cumulative undergraduate average of 2.75 (on a 4 point scale) or a minimum undergraduate average of 3.0 (on a 4 point scale) in the field of the proposed program of graduate study;
      (Please Note: A student whose undergraduate average does not meet the minimum requirements is required to take the Aptitude Test of the Graduate Record Examination.)
   c. complete 2 copies of Form G501d, Application for Matriculation in a Graduate Degree Program; it is imperative that the information be complete and accurate;
   d. include transcripts of all previous college or university work (including the undergraduate record showing the date of conferral of the bachelor's degree) with the application or forward these to the Graduate Office immediately after filing the application; and
   e. pay a non-refundable application fee of $10.
   f. All persons seeking to matriculate in the Master of Science in Management program must present scores from the General Management Admission Test (GMAT) in addition to the four-page application and college transcripts. Admission to this program is highly selective.

Please note: Applications for matriculation should be submitted by May 15, 1981, in order to be processed for June enrollment.

A maximum of 6 credits of graduate work taken at Trenton State College as a non-degree student may be credited toward the master's degree, provided the work was completed no earlier than six years prior to the date of matriculation.

In all cases, the student assumes the responsibility for knowing and meeting the various regulations and procedures as stated in the annual Graduate Bulletin. For detailed information, contact the Graduate Office, Room 119 in Green Hall, phone (609) 771-2111.

Procedures for Applying for Matriculation in a Graduate Program

In order to complete a graduate program leading to a master's degree the student must apply for, and be matriculated in a prescribed program of study. The general requirements and procedures for matriculation must be observed. In all cases, the student assumes responsibility for knowing and complying with the various regulations and procedures as stated in the annual Graduate Bulletin. The specific steps to be observed in applying for matriculation are as follows:

1. Two copies of Form G501d, Application for Matriculation in a Graduate Degree Program, must be completed and returned to the Graduate Office with a check...
or money order (made payable to Trenton State College) for $10 to cover the application fee. Students who have previously paid the graduate application fee are not required to pay an additional fee when applying for matriculation in a graduate program. THE APPLICATION FEE IS NON-REFUNDABLE.

Applications for Matriculation must be submitted by May 15, 1981. Applications received after the deadline may not be processed in time for June enrollment. Applicants are urged to file early.

2. Transcripts of all previous college or university work, including the undergraduate record showing the date of conferral of the bachelor’s degree, must be forwarded to the Graduate Office with, or immediately following the application for matriculation. Photostatic copies of the standard teaching certificate must be submitted by all applicants to Master of Education (M.Ed.) programs except as noted under matriculation requirements.

3. When the transcript of the undergraduate record is received in the Graduate Office, the candidate with a satisfactory cumulative average will be notified that his or her application for matriculation has been approved. At this time, the candidate will also be notified of an adviser and will receive a control sheet listing the requirements of the graduate program.

4. When transcripts of the undergraduate records are received in the Graduate Office, the candidates with an unsatisfactory cumulative average will be notified that they are required to take the Aptitude Test of the Graduate Record Examinations. The test should be taken on the first scheduled date following the receipt of this letter.

5. When the scores of the Aptitude Test of the Graduate Record Examinations are received in the Graduate Office, the candidates who present satisfactory scores will be notified that the applications for matriculation have been approved. At this time, the candidates will also be notified of advisers and will receive control sheets listing requirements of the graduate program. Candidates who present unsatisfactory scores will be so notified. They may re-apply through the deferred matriculation plan under certain conditions. When the scores of the Graduate Management Admissions Test are received in the Graduate Office, an admissions committee will review each applicant’s credentials for possible admissions.

6. A student who wishes to re-apply under the deferred matriculation plan should contact the Graduate Office for an appointment to outline a program of 12 hours of study (at least 6 credits in the major field, and at least 3 hours outside of the major field). Upon the completion of these hours of study, the student will be required to present an application and supporting evidence which demonstrates ability to perform competently at the graduate level to the Graduate Office. The dean of graduate study and the graduate program supervisor will review all evidence and make a decision relating to possible matriculation. If the application is approved, a maximum of 12 credits of appropriate course work of A and B grades taken at Trenton State prior to matriculation may be accepted toward the student’s degree program.

All students are required to submit all credentials and to complete the matriculation process within a six-month period from the date of application. Applications of students who fail to comply with this requirement may be inactivated, and it would be necessary for students to refile applications with all required credentials, if they desire to matriculate in a graduate program.

A maximum of 6 hours of appropriate graduate work taken at Trenton State College as a non-matriculated student may be credited toward the master’s degree, provided the work was completed no earlier than six years prior to date of matriculation. Under no circumstances will exceptions be made to the maximum stated in this policy.
### Biology

**BIO 597/Advanced Topics in Biology**  
**Topic: Introduction to Toxicology**  
(Lecture only)  
An introduction to the major aspects of toxicology, including chemical carcinogenesis, systemic toxicology, toxic agents and environmental toxicology.  
6/29-7/31 MTWR 1930-2135  
CH103  
Instructor: Shahied  
Class #8000

**BIO 697/Independent Study in Biology**  
In-depth exploration of a topic within a specific area of the discipline involving supervised reading, research, and regular conferences with the faculty adviser.  
Hours: TBA  
Coordinator: Kayne  
Class #8008

**BIO 698/Departmental Project in Science Education (Biological Science)**  
A critical independent study of an aspect of science education of interest to the student that is explored under faculty guidance. Open only to matriculated graduate students with a concentration in biological sciences.  
Hours: TBA  
Coordinator: Kayne  
Class #8010

For information about the Marine Sciences Consortium, see page 33

### English

**ENG 552/Seminar in Drama**  
The study and analysis of representative plays and dramatists to develop understanding, appreciation and mature assessment of dramatic theory and practice.  
6/29-7/31 MTR 0800-1050  
HH264  
Instructor: Levin  
Class #8094

**ENG 597/Advanced Topics in English:**  
**People and Computers**  
A non-mathematical introduction to the computer designed to familiarize the student with uses of the computer in such areas as computer assisted instruction (CAI), computer assisted design (CAD), word processing, data management, and artificial intelligence. Computers will be available for student use.  
8/3-8/14 MTWR 0900-1400  
GR211  
Instructor: Beechell  
Class #8096

**ENG 640/Seminar in Romantic Literature**  
An examination of writings by British and American authors whose works exemplify the chief tendencies of Romanticism with attention to the various sources of Romanticism and to the problems of definition and description.  
6/29-7/31 MTR 1100-1350  
HH264  
Instructor: Brazell  
Class #8098

**ENG 697/Independent Study in English**  
In-depth exploration of a topic within a specific area of the discipline involving supervised reading, research and regular conferences with the faculty adviser.  
Hours: TBA  
Coordinator: Levin  
Class #8106

**ENG 698/Department Project in English**  
A critical independent study of an aspect of English of interest to the student that is explored under faculty guidance. Open only to students matriculated in the English education program.  
Hours: TBA  
Coordinator: Levin  
Class #8108

**ENG 699/Thesis/Creative Project in English**  
An original research or creative study under the guidance of a thesis committee approved by the graduate dean. Open only to matriculated graduate students with a concentration in English education.  
Hours: TBA  
Coordinator: Levin  
Class #8108
Geography

GGR 505/Historical Geography 3 cr.
of the United States
Geographic conditions under which the country was explored, settled and developed. Colonial economy, westward expansion, transportation and urbanization considered against the constantly altering natural and cultural landscapes. Development of regionalism is stressed.
6/29-7/31 MTR 1730-2020
EB206 Instructor: Carney
Class #8110

GGR 697/Independent Study 1-3 cr.
in Geography
In-depth exploration of a topic within a specific area of the discipline involving supervised reading, research and regular conferences with the faculty adviser.
Hours: TBA
Coordinator: Melvin

GGR 698/Department Project 3 cr.
in Geography
A critical independent study of an aspect of geography of interest to the student that is explored under faculty guidance. Open only to students matriculated in the social studies program.
Hours: TBA
Coordinator: Melvin
Class #8118

GGR 699/The sis/Creative 6 cr.
Project in Geography
An original research or creative study under the guidance of a thesis committee approved by the graduate dean. Open only to students matriculated in the social studies program.
Hours: TBA
Coordinator: Melvin
Class #8120

History

HIS 505/Russia in the 20th Century 3 cr.
The rise and consolidation of the Soviet State, its expansion and position in the world today. Analysis of political, economic, social and cultural development. Emphasis upon the relationship of the Soviet Communist Party to other communist parties.
6/29-7/31 MTR 1400-1650
EB210 Instructor: Allsen
Class #8130

Mathematical Sciences

MAT 520/Introductory Computer Programming I 3 cr.
A first course in computer programming for graduate students with a sophisticated mathematical background. An algorithmic computer programming language such as FORTRAN or PLI will be taught assuming no prior knowledge, and used to program computational solutions of mathematical problems.
6/22-7/31 MTR 1830-2050
HH126 Instructor: Staff
Class #8160

MAT 697/Independent Study 1-3 cr.
in Mathematics
In-depth exploration of a topic within a specific area of the discipline involving supervised reading, research and regular conferences with the faculty adviser.
Hours: TBA
Coordinator: Melvin

MAT 698/Department Project 3 cr.
in Mathematics
A critical independent study of an aspect of mathematics or mathematics education of interest to the student that is explored under faculty guidance. Open only to students matriculated in the mathematics or mathematics education program.
Hours: TBA
Coordinator: Melvin
Class #8168

MAT 699/The sis/Creative Project in Mathematics 6 cr.
An original research or creative study under the guidance of a thesis committee.
Hours: TBA
Coordinator: Melvin
Class #8170

Music

MUS 503/Skills of Score Preparation 3 cr.
Skills essential to conductors in the group rehearsal. Practice in preparation of scores selected by the class includes sight singing, transcription, functional keyboard, thematic and form analysis, score designs, editing scores and ear perceptions.
6/29-7/31 MTR 1100-1350
BR129 Instructor: Eicher
Class #8192

MUS 530-553/Private Applied Study (Instrumental and Vocal) 2 cr.
Opportunity for performance growth on the candidate's major instrument, including voice, through private study. Lessons arranged with members of the staff or with an artist-teacher from an approved list. Senior undergraduate students who obtain permission from the music department may enroll for study under this number.
Hours: TBA
Coordinator: Eicher
MUS 554/Private Applied Study 2 cr.
( Elective by area)
Enrollment indicates applied study which is apart from the curriculum requirements. Any private applied study taken in addition to required courses for any specified program must be listed as 554.
Hours: TBA
Coordinator: Eicher
Class #8242

MUS 577/Advanced Workshop 1 cr.
in Music Education: Orff
Presentation of a method of teaching developed by the composer Carl Orff, which capitalizes on the natural movements and speech patterns of children.
Movement and music will be the central core of the curriculum in which children, as they are learning, are encouraged to create their own rhythms, songs, games, poems, plays, dances and musical compositions. Special, easily played musical instruments were designed for use in the program.
This workshop would benefit elementary classroom teachers and music teachers as well.
7/13-7/16 MTR 0800-1200
BR126 Instructor: Staff
Class #8244

MUS 603/Developing 2 cr.
Interpretative Insights
Various valid approaches to the interpretation of a musical composition. The various tools, interpretative acts and their interpretative use for recitalist, composer, conductor, plus actual rehearsal and concert style conducting. Standard works and more recently published works usable in public schools.
6/29-7/31 MTR 1400-1600
BR130 Instructor: Isch
Class #8246

MUS 630-656/Private Applied 2 cr.
Study
This course affords the opportunity for performance growth on the candidate's major instrument, including voice, through private study. Lessons are arranged with members of the staff or with an artist-teacher from an approved list. Only graduate candidates may enroll under these numbers.
Hours: TBA
Coordinator: Eicher

MUS 660/Orchestra Development II 2 cr.
The continuation of MUS 560. Double stops, shifts through third position, use and development of scales and arpeggios for their musical force, and vibrato are included.
Emphasis is on personal growth in performance.
6/29-7/31 MTR 1100-1300
BR130 Instructor: Isch
Class #8302

MUS 664/Choral Development 3 cr.
Emphasis upon functional contributions the various schools of choral performance have made as approaches to building choral music programs. Physical and aesthetic values of choral experiences are discussed, diagnosed, compared and evaluated in a laboratory situation.
6/29-7/31 MTR 1100-1350
BR124 Instructor: Harrison
Class #8304

MUS 671/Advanced Conducting II 2 cr.
Prerequisite: MUS 670
Required for candidates using "Conducting" for their required performance project.
6/29-7/31 MTR 1730-1930
BR129 Instructor: Eicher
Class #8306

MUS 680/Music Drama Workshop
Designed to: 1) supply patterns of organization for effective productions; survey of suitable materials, preparation of dramatic and singing aspects of production. 2) use of short musical dramatic efforts in the general music class, writing, directing and scheduling these. Use of this area as role play for the direction of thought relevant to some specific need, i.e. psychological; (this to include writing and direction). Makeup, stage movement, rehearsal techniques and other directly applicable aspects included.
6/29-7/31 MTR 1450-1650
BR129 Instructor: Harrison
Class #8308

MUS 697/Independent Study 2 cr.
(Open to M.A. and M.Ed. Candidates)
Study in depth of a specific musical subject area selected after consultation between the student and the supervisor of graduate music. Prerequisites to be determined for each enrollee by the supervisor of graduate music and a faculty member possessing expertise and interest in the specific area of study.
Hours: TBA
Coordinator: Eicher

MUS 698/Department Project 3 cr.
in Music
(Open to M.A. and M.Ed. Candidates)
Required of candidates who wish to present a recital, conducting performance, musical composition or innovative teaching as their final project, and the written diary. The supervisor of graduate music appoints a
committee to assist each candidate with the project.
A Instrumental
Hours: TBA
Coordinator: Eicher
Class #8312
B Vocal
Hours: TBA
Coordinator: Harrison
Class #8314

MUS 699/Thesis/Creative Project in Music Education
(Open to M.A. and M.Ed. Candidates)
(3 class hours for each of two semesters)
An original research or creative study under the guidance of a thesis committee approved by the graduate dean.
Hours: TBA
Coordinator: Eicher
Class #8316

Physics

PHY 551/Techniques for Demonstration and Laboratory Experiences in the Natural Science
Examination, presentation and evaluation of demonstrations and student laboratory activities. Research and discussion of issues, practical ideas and trends related to these activities. Emphasis in improvement of science laboratory instruction in terms of personal skills and curricular materials.

6/29-7/31
MTR 1400-1650
CH111
Instructor: Kolp
Class #8332

Political Science

POL 506/Environment of Public Administration
The course will focus on the legal, social, economic, and political factors which impinge upon the administrator. Topics include the ways in which socio-economic conditions influence bureaucratic activity; relationships between public administration and the political process; and legal mechanisms which keep administrators responsible and responsive.

6/29-7/31
TR 1800-2200
HH129
Instructor: Maxwell
Class #8334

POL 530/Seminar in International Relations
Analysis of selected situations in international affairs through individual student research. Conceptual and theoretical frameworks for analysis stressed.

6/29-7/31
MW 1800-2200
HH254
Instructor: Cheng
Class #8336

POL 593/Readings-Tutorial in the History of the Soviet Union
3 cr.
The Readings-Tutorial in Political Science will provide a comprehensive and in depth study of an area of political science through the dual process of enrollment in an upper division political science course, during which the student will meet all of the normal requirements and assignments on a graduate level of performance and in addition one of the following: complete at least six major reading assignments through written reports and oral discussion with the instructor, or complete a major research paper requiring use of primary sources and demonstrating effective analysis, interpretation and organization of materials. Both options will be subject to a review by a committee composed of the instructor and one other qualified faculty.

*(POL 360/Government and Politics of the Soviet Union)
6/29-7/31
TR 1700-2100
HH304
Instructor: Cheng
Class #8338

POL 697/Independent Study in Political Science
1-3 cr.
In-depth exploration of a topic within a specific area of the discipline involving supervised reading, research and regular conferences with the faculty adviser.
Hours: TBA
Coordinator: Fair

POL 698/Department Project in Political Science
3 cr.
Prerequisite: Permission of department chairperson
A critical independent study of an aspect of political science of interest to the student that is explored, under faculty guidance. Open only to students matriculated in the social studies program.
Hours: TBA
Coordinator: Fair
Class #8346

POL 699/Thesis/Creative Project in Political Science
6 cr.
Prerequisite: Approval of graduate council. An original research or creative study under the guidance of a thesis committee approved by the graduate dean. Open only to students matriculated in the social studies program.
Hours: TBA
Coordinator: Fair
Class #8348

Psychology

PSY 513/Psychology of Learning
3 cr.
Prerequisite: A reasonably recent undergraduate course in introductory psychology
Leading theories of learning and their experimental bases. Analysis of the role of learning in perception, motivation and personality development.

6/27-7/31 MTR 1400-1650
EB411
Class #8350
Instructor: Archer

6/29-7/31 MTWR 1930-2135
HH315
Instructor: Staff
Class #8352

PSY 524/Adolescent Development and Education
3 cr.
Consideration of physical, intellectual, personality and social development during the stages of adolescence and youth. Particular emphasis on the role of the school in development.

6/29-7/31 MTWR 1930-2135
HH253
Instructor: Waterman
Class #8354

PSY 643/Measurement and Evaluation
3 cr.
Prerequisite: SPG 515 or permission of psychology chairperson
Introduction to basic testing theory and practice. Evaluation of standardized instruments commonly used in education, psychology and guidance. Discussion of ethical considerations and current issues. This course requires a working knowledge of descriptive statistics.

6/29-7/31 MTWR 0845-1050
HH124
Instructor: Gorczynski
Class #8356

PSY 697/Independent Study in Psychology
1-3 cr.
In-depth exploration of a topic within a specific area of the discipline involving supervised reading, research and regular conferences with the faculty adviser.

SOC 504/The Community: Its Social and Organizational Structure
3 cr.
Prerequisite: SOC 101 Introductory Sociology
The structure and dynamics of formal and institutional aspects of the community. Economic, political, religious, racial and ethnic, status, cultural and ameliorative forces and their effects upon the young. Particular attention directed to voluntary community agencies aiming to serve families. Field work is required. Visits to agencies will be made, some of which will be on Saturday mornings.

6/29-7/31 MTR 1100-1350
LE218
Class #8444

SOC 505/Social Pathology and the Student
3 cr.
Family tensions, neighborhood deterioration, poverty and dependency, vice and crime, racial and ethnic conflict, excessive mobility and alcoholism and drug addition which contribute to socially and emotionally disturbed children and youth. Attention to the amelioration of these problems and more positive adaptation.

6/29-7/31 MTR 1400-1650
LE218
Instructor: Staff
Class #8446

SOC 697/Independent Study in Sociology
1-3 cr.
In-depth exploration of a topic within a specific area of the discipline involving supervised reading, research and regular conferences with the faculty adviser.

SOC 698/Department Project in Sociology
3 cr.
A critical independent study of an aspect of sociology of interest to the student that is explored, under faculty guidance. Open only to students matriculated in the social studies program.

SOC 699/Thesis/Creative Project in Sociology
6 cr.
An original research or creative study under the guidance of a thesis committee approved by the graduate dean. Open only to students matriculated in the social studies program.

BUSINESS

Business Education

See also: Management; Economics

BUS 526/Finance and Investments for Families
3 cr.
Application of principles of finance and investments to individuals and families.
Deals with such topics as planning resource allocations, banking, life insurance and securities.

6/29-7/31 MTR 1100-1350
GR211 Instructor: Gaston
Class #8014

BUS 671/Problems and Practices in Business and Distributive Education
3 cr.
Examination of significant problems, issues and trends in business and distributive education. Exploration of research and current thinking expressed in the professional literature.
6/29-7/31 MTR 0800-1050
LE218 Instructor: Shenker
Class #8018

BUS 681/Seminar in Improvement of Instruction in the Secretarial Studies
3 cr.
Designed for teachers of secretarial subjects who wish to improve teaching materials, methodology and testing.
6/29-7/31 MTR 1400-1650
GR211 Instructor: Prant
Class #8020

BUS 697/In Business and Distributive Education A
3 cr.
In-depth exploration of a topic within a specific area of the discipline involving supervised reading, research and regular conferences with the faculty adviser.
Hours: TBA
Coordinator: Everard

BUS 697/In Business and Distributive Education B
2 cr.
In-depth exploration of a topic within a specific area of the discipline involving supervised reading, research and regular conferences with the faculty adviser.
Hours: TBA
Coordinator: Everard

BUS 698/Department Project in Business and Distributive Education
3 cr.
A critical independent study on an aspect of business or distributive education of interest to the student that is explored under faculty guidance. Open only to students matriculated in the business and distributive education program.
Hours: TBA
Coordinator: Everard
Class #8026

BUS 699/Thesis/Creative Project in Business and Distributive Education
3 cr.
An original research or creative study under the guidance of a thesis committee approved by the graduate dean. Open only to students matriculated in the business and distributive education program.
Hours: TBA
Coordinator: Everard
Class #8028

For information about special workshops in Business and Economics, see page

Management

See also: Business; Economics

MGT 561/Dynamics of Labor Relations
3 cr.
Integrates economic theory and the institutional aspects of labor-management relations as well as explains how these aspects interact to effect events in collective bargaining.
6/8-7/14 MTR 1800-2040
GR211 Instructor: Breslin
Class #8182

MGT 697/Independent Study in Management
3 cr.
A critical independent study on an aspect of management of interest to the student that is explored under faculty guidance.
Hours: TBA
Coordinator: Everard

MGT 699/Thesis/Creative Project in Management
3 cr.
Prerequisite: MGT 696 and approval of program supervisor
An original research or creative study under the guidance of a thesis committee approved by the graduate dean. Open only to matriculated graduate students with a concentration in management.
Hours: TBA
Coordinator: Everard
Class #8192

D.I.E.T.

Industrial Education and Technology

IET 562/Industrial Education Workshop: Plastics
3 cr.
A study of the plastics industry and its importance in the continuing development of
American industry. Emphasis on the historical development, occupational opportunities and manufacturing processes. 8/3-8/14 MTWRF 0800-1600 AR16 Instructor: Hess

Class #8142

IET 581/Industrial Education 1 cr.
Workshop: Metrics
An advanced course devoted to technical experiences in industrial education including laboratory and theoretical study. Designed to increase effectiveness as a teacher of industrial education by providing experiences in specialized areas made necessary by changes in technology. 8/8-8/11 MTWR 1745-2145 AR36 Instructor: Kruppa

Class #8144

IET 585/Cooperative Industrial Seminar
Advanced study and research in industrial plants and industrial training institutes. Opportunity for advanced study in contemporary industrial facilities not otherwise available to industrial arts teachers. Hours: TBA Coordinator: Hess

IET 697/Independent 1, 2, or 3 cr.
Study in Industrial Education
In-depth exploration of a topic within a specific area of the discipline involving supervised reading, research and regular conferences with the faculty adviser. Hours: TBA Coordinator: Asper

IET 698/Department Project in Industrial Education 3 cr.
A critical independent study of an aspect of industrial education of interest to the student that is explored under faculty guidance. Open only to students matriculated in the industrial education program. Hours: TBA Coordinator: Asper Class #8158

EDUCATION

See also: Reading; Elementary Education

Early Childhood Education

ECE 504/Teaching Young Children 3 cr.
Review of the development of preschool education, characteristics of young children, basic practices in early childhood teaching and recent trends and issues. Importance of experiences in guiding learning. Observation and participation. 6/29-7/31 MTR 0800-1050 EB201 Instructor: Staff

Class #8030

ECE 697/Independent 1-3 cr.
Study in Early Childhood Education
In-depth exploration of a topic within a specific area of the discipline involving supervised reading, research and regular conferences with the faculty adviser. Hours: TBA Coordinator: Yates

Educational Field Experiences

SEC 514/Curriculum Theory and Practice 3 cr.
The contemporary public school curriculum from the primary through the secondary levels including social and educational foundations, basic factors in design, and common organizational patterns. This course is required and accepted by the New Jersey State Department of Education toward administrative or supervisory certificates. 6/29-7/31 MTR 0800-1050 EB211 Instructor: Evangelisto

Class #8384

6/29-7/31 MTR 1100-1350 EB211 Class #8386

SEC 520/Staff Supervision 3 cr.
Prerequisites: Two years of teaching experience and twelve hours of graduate study. A study of the objectives, techniques and materials of staff supervision. Examination of the supervisory function toward improvement of instruction. The nature of contemporary supervision, interpersonal relations and the supervisor as a change agent. This course is required and accepted by the New Jersey State Department of Education toward administrative or supervisory certificates. 6/29-7/31 MTR 0800-1050 EB210 Class #8388 Instructor: Schwartz

6/29-7/31 MTR 1100-1350 EB210 Class #8390

SEC 522/Supervision in the Secondary School 3 cr.
Prerequisite: SEC 520 or permission of instructor
A study of supervisory competencies directed toward the implementation of instruction in the secondary school. The principles of secondary school supervision, organizational skills, leadership in curriculum design, implementation and strategies for assessing instruction will be synthesized.

This course is accepted by the New Jersey State Department of Education toward administrative or supervisory certificates.
6/29-7/31 MTR 0800-1050
LN222 Instructor: Smith
Class #8392

SEC 525/Introduction to Educational Administration
3 cr.
A comprehensive overview of the field of educational administration furnishes guidelines for professional career guidance in the administrative field. An examination of the objectives, techniques and materials of educational administration will be made in order to assist the prospective school administrator in administrative leadership. This course is accepted by the New Jersey State Department of Education toward principal and school administrative certificates.
6/29-7/31 MTR 1100-1350
EB209 Instructor: Smith
Class #8394

SEC 530/Secondary School Curriculum
3 cr.
Prerequisite: SEC 514 or permission of instructor
A competency-based, inquiry-oriented experience wherein the participant engages in the process of building a curriculum for secondary schools. Using data gleaned from background readings, personal experiences and interaction with others, the individual examines past and present curricular patterns, then designs new or modified patterns to meet the challenge of a total society in continual change.
This course is accepted by the New Jersey Department of Education toward administrative or supervisory certificates.
6/29-7/31 MTR 1100-1350
EB209 Instructor: Wright
Class #8396

SEC 581/Discipline in the Classroom: A Reality Therapy Model
3 cr.
Examines a specific approach to discipline in schools. It differentiates between discipline and punishment, and examines the role of power and authority as related to discipline. Emphasis is placed on ways to create an environment that encourages the growth of responsible student behavior in school and on ways to help students learn self discipline.
8/3-8/14 MTWRF 0800-1200
CH139 Instructor: Wright
Class #8398

SEC 697/Independent Study in Educational Field Experiences
1-3 cr.
In-depth exploration of a topic within a specific area of the discipline involving supervised reading, research and regular conferences with the faculty adviser.
Hours: TBA
Coordinator: Schwartz

Educational Foundations

EDF 500/Foundations of Education
3 cr.
A synthesis of the contributions to education from the basic disciplines of history, philosophy, anthropology, psychology, religion, sociology, economics and political science.
6/29-7/31 MTR 1730-2020
EB349 Instructor: Carroll
Class #8042

EDF 516/History of Education in The United States
3 cr.
American educational points of view and practices from colonial times to the Civil War to the present.
6/29-7/31 MTWR 1100-1305
HH105 Instructor: Messina
Class #8044

EDF 520/Social Problems and Education
3 cr.
Brief analysis of some modern social problems: crime, poverty, race conflict, family disintegration, etc., and the role that education might assume in proposed solutions.
6/29-7/31 MTR 1400-1650
EB349 Instructor: Morrison
Class #8044

EDF 555/Education of the Aging
3 cr.
A course designed to consider the role of education in meeting the needs, problems, and challenges of growing old. Attention is focused upon why and how the older adult must and can become a lifelong learner. Additionally, the student will discover the manner by which other age groups, particularly those from grades K-12, can learn about the myths and realities of the elderly and/or the process of aging.
6/29-7/31 MTWR 0845-1050
HH105 Instructor: Messina
Class #8046

EDF 570/New Jersey School Law: Legal Status of Teacher and Pupil
3 cr.
Laws defining the rights, privileges and duties of pupils, teachers and staff members in New Jersey schools. Subject matter includes state and federal statutes, decisions and hypothetical cases.
6/29-7/31 MTR 1730-2020
EB347 Instructor: Skelton
Class #8048
The rationale, theories and techniques of teaching E.S.L. will be identified and studied so that the student will become knowledgeable in these areas and may apply these understandings to teaching in the bilingual-bicultural program when necessary. This course is approved for bilingual certification.

6/29-7/31  MTR 1730-2020  
EB210  Instructor: Rojas

Class #8050

On-site experiences arranged for students in government and interaction group related institutions and agencies in the community. Period of eight weeks arranged to fit the schedule of participating student.

6/29-7/31  MTR 1730-2020  
EB348  Instructor: Rojas

Class #8052

Intended for graduate students in education. Should be taken early in the graduate program. Emphasis is on understanding and interpreting research studies. Examines basic research design, library search strategy and certain statistical concepts.

6/29-7/31  MTR 0800-1050  
EB347  Instructor: Yengo

Class #8054

A multi-dimensional and multi-media approach to children's literature with extensive reading, critical examination, selection, and evaluation. Emphasis will be on: children's books and story presentation strategies as related to children's needs and interests at various age levels; historic trends, research, and the influence and utilization of literature upon the academic, social, and emotional growth of the child.

6/29-7/31  MTR 1100-1350  
EB203  Instructor: Staff

Class #8082

An analysis of the responsibilities and services of elementary school supervisors based upon the goals, structure, curriculum, faculty, students and resources of elementary schools today.

6/29-7/31  MTR 1730-2020  
EB203  Instructor: Staff

Class #8084

A course designed to analyze, plan, develop and evaluate the modern elementary school curriculum. Emphasis will be placed upon bases for decision making, processes
for curriculum evaluation and improvement, and emerging developments in elementary school curriculum.

6/29-7/31 MTR 1100-1350
EB 205 Instructor: Staff
Class #8086

**ELM 663/Advanced Trends in Elementary Education**

*Prerequisite:* EDF 600

Critical analysis of recent research and experimentation of present and future trends in elementary education. Topics emphasized are (1) innovations in modern school and classroom design; (2) recent developments in curriculum areas; (3) present trends in evaluation, measurement, and promotion and; (4) controversial philosophies concerning heterogeneous grouping, departmentalization, team teaching, programmed instruction, etc.

6/29-7/31 MTR 0800-1050
EB 203 Instructor: Staff
Class #8088

**ELM 698/Department Project in Education**

A critical independent study of an aspect of education of interest to the student that is explored under faculty guidance. Open only to students matriculated in the elementary education programs.

Hours: TBA
Coordinator: Burke
Class 8090

**ELM 699/Thesis/Creative Project in Education**

An original research or creative study under the guidance of a thesis committee approved by the graduate dean. Open only to students matriculated in the elementary education programs.

Hours: TBA
Coordinator: Burke
Class #8092

**Health Education, Physical Education, Recreation and Safety**

**HED 655/Alcohol and Narcotics**

3 cr.

Drug dependencies and their effect on the individual, school and society. The use, misuse and abuse of a variety of mood modifying substances is studied with particular emphasis on alcohol and other drugs of abuse. Implications for drug education in public schools is included.

6/22-7/16 MTWR 1700-1930

HED 655/Department Project in 

Health, Physical Education, Recreation and Safety

An independent study of an aspect of health, physical education, recreation and safety of interest to the student that is explored under faculty guidance. Open only to students matriculated in the health and physical education program.

Hours: TBA
Coordinator: Medve
Class #8138

**HED 697/Independent Study in Health, Physical Education, Recreation and Safety**

1-3 cr.

In-depth exploration of a topic within a specific area of the discipline involving supervised reading, research and regular conferences with the faculty adviser.

Hours: TBA
Coordinator: Medve

**HED 698/Department Project in Health, Physical Education, Recreation and Safety**

3 cr.

Individual study of personal and family living. Development of increased knowledge and competence in the use of such knowledge in teaching. Development of teaching materials, analysis of tests and other resources.

6/29-8/6 MTR 1600-1820
NU 323 Instructor: Brown
Class #8128

**HED 655/Seminar on Aging, Death and Dying**

The course is designed to explore all aspects relating to aging and death in contemporary America. Examination of roles of various professionals and current research trends related to the topics will be emphasized. Formulation of realistic plans for living through education about death will be a primary area of focus.

6/29-7/31 MTR 1100-1350
NU 321 Instructor: Herzstein
Class #8126

**Health Education, Physical Education, Recreation and Safety**

**HPE 697/Independent Study in Health, Physical Education, Recreation and Safety**

In-depth exploration of a topic within a specific area of the discipline involving supervised reading, research and regular conferences with the faculty adviser.

Hours: TBA
Coordinator: Medve

**HPE 698/Department Project in Health, Physical Education, Recreation and Safety**

An independent study of an aspect of health, physical education, recreation and safety of interest to the student that is explored under faculty guidance. Open only to students matriculated in the health and physical education program.

Hours: TBA
Coordinator: Medve
Class #8138
HPE 699/Thesis in Health, Physical Education, Recreation and Safety

Original research under the guidance of a thesis committee approval by the graduate dean. Open only to students matriculated in the health and physical education program. Hours: TBA
Coordinator: Medve
Class #8140

Media Communication Science

MCS 518/Advanced Television 3 cr.
Production
Provides the student with a combination of theory and direct studio experience in television programming and television production techniques concerning the educational and commercial aspects of the medium. Studio time may be added.
6/29-7/31 MTR 0800-1050
EB124 Instructor: Rogosky
Class #8172

MCS 572/Media Production 3 cr.
Development: Photography in the Classroom
This is a workshop and lecture course for beginning and intermediate level photographers. The course will explore the applications of photography in the elementary and high school classroom. Students will need to supply their own 35 mm camera. The course will cover such areas as close-up photography, black and white printing and processing, slide shows and presentations, and photography for specialized subject areas.
6/29-7/31 MTR 1100-1350
EB124 Instructor: Kaplowitz
Class #8174

MCS 697/Independent Study in Media Communications 1-3 cr.
This is a workshop and lecture course for beginning and intermediate level photographers. The course will explore the applications of photography in the elementary and high school classroom. Students will need to supply their own 35 mm camera. The course will cover such areas as close-up photography, black and white printing and processing, slide shows and presentations, and photography for specialized subject areas.
6/29-7/31 MTR 1100-1350
EB124 Instructor: Kaplowitz
Class #8174

PED 539/Advanced Theory and Techniques in Basketball 2 cr.
Investigation and application of recent information on theory, techniques, teaching and administrative procedures as they relate to basketball.
6/8-6/19 MTWR 1800-2030
Gyms I & II Instructor: Oshel
Class #8320

PED 541/Advanced Theory and Techniques in Golf 2 cr.
Investigation and application of recent information on theory, techniques, teaching and administrative procedures as they relate to golf.
6/8-6/19 MTWR 1530-1800
PA103 Instructor: Oshel
Class #8322

PED 597/Advanced Topics: Stress Workshop 3 cr.
The course will emphasize the interrelationships of mind, stress, tension management and health independence. Key concepts will be extracted from a variety of fields for discussion and formation of a personal view.
6/29-7/10 MTWR 0900-1700
PA104 Instructor: Cooper/Frederick
Class #8324

PED 612/Development and Maintenance of Physical Education Facilities and Equipment 3 cr.
Principles and practices of planning and developing facilities and equipment for physical education, athletics and recreation programs. Attention given to budgeting, long-range planning and maintenance. Field trips may be required at student's expense.
6/29-8/6 MTR 1100-1320
CH114 Instructor: Tillman
Class #8326

PED 640/Kinetic Problems in Body Mechanics 3 cr.
An in-depth laboratory investigation of the science of body movement, based upon anatomy and structure and also physics. Development of principles which overcome inefficiency and fatigue in human movement.
6/29-8/6 MTR 1330-1550
PA101 Instructor: Chilakos
Class #8328

PED 690/Professional Seminar 3 cr.
A culminating experience for the graduate student in health and physical education. Includes discussions and lectures with guest speakers, emphasis upon probable trends and future responsibilities of the individual and the profession.
6/29-8/6 MTR 0830-1050
NU321 Instructor: Tillman
Class #8330
Reading

See also: Early Childhood Education; Elementary Education

RDG 570/Corrective Techniques in Reading 3 cr.
Prerequisite: an undergraduate or graduate course in the methods of teaching reading.
Consider the basic principles for a corrective reading program, methods of preventing reading difficulties, and methods and materials used in dealing with corrective problems, causes of poor reading and deficiencies in specific skills. (This course may not be accepted for credit in the Developmental Reading Program.)
6/29-7/31 MTR 0800-1050
EB320 Instructor: Staff
Class #8364

RDG 571/Language and the Teaching of Reading 3 cr.
Prerequisite: an undergraduate or graduate course in the methods of teaching reading.
Corequisite: actively engaged in working with children and youth.
Place of language in the cultural system: linguistics as an academic discipline; its organization, investigative methods and specialized terminology; examination of linguistic concepts significant for a reading program; analysis of American English, including standard and nonstandard dialects; phenomena of urban ghetto speech; implications of these data for instruction.
6/29-7/31 MTR 0800-1050
EB319 Instructor: Staff
Class #8366

RDG 573/Advanced Study in the Teaching of Reading II: Morphological and Semological Foundations 3 cr.
Prerequisite: RDG 572
Study of the psychological bases of reading comprehension skills. Principles of lexical development; morphemic, syntactic, and semological structures as bases for comprehension; language and specialized skills needed in critical reading. Materials and procedures appropriate for developing teaching strategies.
6/29-7/31 MTR 0800-1050
EB222 Instructor: Staff
Class #8368

RDG 676/Testing, Analysis, and Corrective Procedures in Reading K-12 3 cr.
Prerequisite: RDG 573
Investigation of methods and materials for appraising reading achievement in grades K-12; critical appraisal of these methods and materials based on psychological and linguistic principles; utilization in identification of reading difficulties; identification and application of techniques appropriate for meeting these difficulties. Clinical testing experiences will be required.
6/29-7/31 MTR 1100-1350
EB349 Instructor: Staff
Class #8370

RDG 698/Department Project in Reading 3 cr.
A critical independent study of an aspect of reading of interest to the student that is explored under faculty guidance. Open only to students matriculated in the Graduate Developmental Reading Program.
Hours: TBA
Coordinator: Shepherd
Class #8374

RDG 699/Theesis/Creative Project in Reading 6 cr.
An original research or creative study under the guidance of a thesis committee approved by the graduate dean. Open only to students matriculated in the Developmental Reading Program.
Hours: TBA
Coordinator: Shepherd
Class #8374

Safety

SAF 581/Teaching Advanced First Aid and Personal Safety 3 cr.
Primarily designed to meet the needs of individuals who are in a position to teach safety and emergency first aid knowledge and skills which are required for American National Red Cross instructor certification.
6/29-7/17 MTWRF 0900-1200
NU335 Instructor: Medve
Class #8376

SAF 582/Driver Education Teacher Certification Program 3 cr.
This program meets the certification requirements to teach driver education in the secondary schools of New Jersey. The course content is concerned with methodology as it relates to the classroom, behind the wheel and psychological aspects of the driver education program.
6/29-7/17 MTWRF 1230-1530
NU335 Instructor: Medve
Class #8378

SAF 586/Advanced Driving Simulator and Range Instruction 3 cr.
The course is designed to present teaching methodology as it relates to the use of Driving Simulators and Multi Car Driving Ranges. Emphasis is on research pertaining to the development and assessment of the I.P.D.E. processes (identify, predict, decide,
execute) of defensive driving.
6/29-7/17 MTWRF 1600-1900
NU335 Instructor: Medve/Oshel
Class #8380

SAF 587/Traffic Safety Workshop
2 cr.
Preregistration required
Investigation and application of current information on theory, techniques teaching and administrative procedures as they relate to specific traffic safety problems. Focus on motorcycle safety.
7/21-7/30 MTWRF 0900-1500
RE3
Instructor: Cochrane
Class #8382

Special Education
SED 501/Learning & Behavioral Problems of the Exceptional Child
3 cr.
Learning and behavior characteristics of exceptional children; inter-related aspects of emotional, intellectual and physical development as affected by sensory, perceptual and motor disabilities, especially those resulting from neurological dysfunction, etiology and developmental characteristics as relevant to understanding behavior and learning problems.
"SED 501 (or equivalent) a prerequisite for all 500 and 600 level courses.
6/29-7/31 MTR 0800-1050
EB348 Instructor: Staff
Class #8406

SED 502/Mainstreaming Exceptional Children
3 cr.
Prerequisite: SED 501
This course is designed for the regular classroom teacher as well as the special education teacher. The course will investigate the conceptualization and implementation of mainstreaming programs; evaluate some mainstreaming models; review the problems and opportunities at the elementary and secondary levels; develop ideas for techniques; teaching strategies and materials for mainstreamed students.
6/29-7/31 MTR 1100-1350
EB348 Instructor: Weisberg
Class #8408

SED 514/Curriculum and Methods For Teaching Exceptional Learners
3 cr.
(This course integrates SED 510, 511, 512).
Prerequisite: SED 501 (for all students)
Overview of basic principles of teaching the developmentally handicapped: (a) with examination of curriculum preparation, lesson planning and classroom scheduling; (b) with examination of occupational orientation techniques; exploration of work experiences; selection of placement activities, and understanding of the role of community agencies in occupational planning and training; (c) with study of modern curriculum models and materials; and how to plan, write and utilize an IEP (individual educational plan).
6/29-7/31 MTR 1400-1650
EB348 Instructor: McRae
Class #8416

SED 550/The Culturally Different Child (Behavior and Learning Problems)
3 cr.
Prerequisite: SED 501
"Culturally deprived" children and youth—often identified as mentally retarded, slow learner, socially and emotionally maladjusted, and the core of the school dropout problem—serve as the center of concern. Emphasis on the practical and immediate approach by the public schools in meeting the educational needs of these children.
6/29-7/31 MTR 1100-1350
EB226 Instructor: Dixon
Class #8412

SED 560/The Gifted Child (Learning Characteristics and Problems)
3 cr.
Prerequisite: SED 501
Definition, identification and enumeration of the characteristics of the gifted child, with particular emphasis on the need to provide effective and innovative means of meeting their educational needs. Special attention devoted to understanding the nature and problems of the gifted under-achiever.
6/29-7/31 MTR 1400-1650
EB226 Instructor: Weisberg
Class #8414

SED 605/Individualizing Reading Instruction for Exceptional Children
3 cr.
Prerequisite: SED 310, SED 501
Corequisite: SED 610 for L.D.T./C. students
Past and current research in teaching language arts to children with communications problems. Methods of teaching reading, writing, spelling and grammar with particular emphasis on the auditory, kinesthetic and tactile modes as well as the visual. The multimedia approach to teaching.
6/29-7/31 MTR 1400-1650
EB256 Instructor: McRae
Class #8416

SED 609/Quantitative Disorders in Handicapped Children
3 cr.
Prerequisite: SED 501
Corequisite: SED 620 for L.D.T./C. students
Diagnostic and remedial problems and procedures in understanding and modifying difficulties evidenced by children in quantitative thinking. Laboratory work involves supervised teaching experience using
diagnostic and remedial techniques as well as training in case conferences and disseminating information to various school personnel.

6/29-7/31  MTWR 0800-1200
Skillman School  Instructor: McRae
Class #8418

SED 614/Management Techniques for Learning and Behavior Problems in the Classroom
Prerequisite: SED 501
The variety of techniques which may be employed to enable the teacher to manage difficult behavior to facilitate learning. Intended for teachers of children with behavioral problems which interfere with learning.
6/29-7/31  MT 1400-1650
EB222  Instructor: Staff
Class #8420

SED 620/Consultation Practicum III: Individual and Group Behavior Processes
Corequisite: SED 609 for L.D.T./C. students
Current techniques for the observation, evaluation and assessment of behavior problems in the classroom and the procedures available for the modification of behavior. In a school setting, and under a supervisor, the student will assume teacher-consultation responsibilities for the evaluation of behavior problems and the planning and implementation of program(s) of behavior management and/or modification. Students will be expected to purchase any necessary testing and/or curriculum materials needed for the proper completion of the course.
6/29-7/31  MTWR 0800-1200
Skillman School  Instructor: McRae
Class #8422

SED 621/The Characteristics and Assessment of Pre-School Developmentally Handicapped Children, Birth to Six
Prerequisite: SED 501
Study of the growth and developmental characteristics of developmentally handicapped children from birth to age six; the effects of pre-natal, peri-natal, metabolic and neurological factors which may affect future learning; the importance of genetic counseling and neurological examination of the newborn in prediction, diagnosis and prognosis of future developmental and learning difficulties; assessment, techniques for developmental and educational diagnosis in order to plan for early preventive and interventive education.
6/29-7/31  MTR 1400-1650
EB224  Instructor: Johnson
Class #8424

SED 622/Curriculum Alternatives For The Developmentally Handicapped Pre-School Child, Age 3 to 5
Prerequisite: SED 501 and a course in child growth and development or equivalent
Consideration will be given to the characteristics of growth and development in relation to the curricular needs of both normal and the handicapped pre-school child, ages 3-5. Formal and informal pre-school programs will be researched, and early identification models and strategies for intervention will be examined and evaluated.
6/29-7/31  MTR 1730-2020
EB320  Instructor: Johnson
Class #8426

SED 625/Biophysical and Neurological Problems in Children
Prerequisite: SED 501
Designed to aid school personnel to recognize biophysical and neurological problems in children; to understand some organic determinants of behavior; to understand their etiology; to become familiar with resources and methods available both within and outside the school for diagnosis, treatment and rehabilitation; and to gain a fundamental understanding of current educational programs for these children.
6/29-7/31  MTR 1100-1350
EB408  Instructor: Lemeshow
Class #8428

SED 626/Clinical Types of Mental Retardation
Prerequisite: SED 625
An advanced course in mental retardation designed to familiarize professional workers with the clinical types of mentally retarded children and youth. Problems of diagnosis and classification will be discussed as it relates to proper understanding, placement and educational management of such children.
6/29-7/31  MTR 1400-1650
EB408  Instructor: Lemeshow
Class #8430

SED 643/Guidance and Rehabilitation of Exceptional Children and Youth
Prerequisite: SED 501
Principles and practices of the guidance and rehabilitation process for exceptional children and youth with particular emphasis on evaluation, training, placement and counseling. The role of the special educator; psychologist; social worker; guidance counselor; physical, occupational and speech therapist; physician; and others on the interdisciplinary team serving exceptional chil-
Children and youth explored. The resources of schools, clinics, residential centers, sheltered workshops and other public and private agencies serving exceptional children and youth identified.

SED 650/Externship in Learning Disabilities Teacher Consultation
A period of full time teacher consultation in a public school as a part of a Child Study Team under the supervision of an approved Learning Disabilities Teacher/Consultant and a faculty member of the college. Minimum clock hours (at 30 hours per week) for this course are 450. A student may enroll in this course while he is employed as a provisionally certified Learning Disabilities Teacher/Consultant if he is able to be supervised by an approved and fully certified Learning Disabilities Teacher/Consultant and is in a location making faculty supervision practical (i.e., 25 mile radius of Trenton). This course is taken after completion of all the praica and each concurrent course.

Speech Pathology and Audiology

SPP 515/Cleft Palate and other Oral Anomalies
Prerequisite: An undergraduate degree in speech pathology or the equivalent
A study of remedial methods for speech disorders resulting from cleft palate and other oral anomalies which include reversed swallowing.

SPP 520/Cerebral Palsy and Allied Conditions
Prerequisite: An undergraduate degree in speech pathology or the equivalent
Study of the etiology, types, classification and resulting speech and hearing problems of cerebral palsy and other paralytic disabilities. Guided research and practical experience in various remedial procedures currently used.

SPP 540/Applied Diagnostics in Speech Pathology
Prerequisite: Undergraduate degree or equivalent in speech pathology or permission of the instructor
Advanced study of the principles and procedures of assessment for communication disorders; test administration and interpretation, diagnostic report writing, interview techniques, staffing and referrals.

SPP 590/Clinical Practicum
Observation, analysis and guided experience in the evaluation and remediation of speech, hearing and language disabilities as well as procedures for organizing and maintaining programs of therapy for these disorders in schools and clinical settings.

SPP 605/Disorders of Articulation
Prerequisite: An undergraduate degree in speech pathology or the equivalent
Advanced study of diagnostic procedures and therapy methods applied to functional articulation problems.

SPP 697/Independent Investigation
Prerequisite: An undergraduate degree in speech pathology or the equivalent
Provides an opportunity to study in depth an area of interest to the student. Provides opportunity for participation in an activity related to the area. Open only to students matriculated in the speech correction or speech pathology program.

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SPP 698/Department Project in Speech
A critical independent study of an aspect of speech of interest to the student that is explored, under faculty guidance. Open only to students matriculated in the speech correction or speech pathology program.
Hours: TBA
Coordinator: Jones
Class #8494

SPP 699/Thesis/Creative Project in Speech
An original research or creative study under the guidance of a thesis committee approved by the graduate dean. Open only to students matriculated in speech correction or speech pathology program.
Hours: TBA
Coordinator: Jones
Class #8494

Student Personnel Services

SPG 501/Introduction to Counseling and Student Personnel Services
Major emphasis is on the applied psychology of the helping relationship through active field experiences, human relations training and exploration of field opportunities.
6/29-7/31
EB208
Class #8454
MTR 0800-1050
Instructor: Staff

SPG 515/Educational Statistics
Prerequisite: SPG 501
Study of the applications of statistical and graphical methods to educational data. Basic descriptive statistics, correlation, the normal distribution and hypothesis testing will be covered.
6/29-7/31
HH-118
Class #8458
MTR 1100-1350
Instructor: Yengo

SPG 670/Counseling Theory
Prerequisites: SPG 501, SPG 515, one Psychology elective and 10 hours in the program
Designed to develop a sound understanding of the counseling relationship through 1) presentation of a range of psychological theories as they apply to counseling, 2) exploration of the role of counselor, and 3) examination of oneself in the role of counselor. Students given the opportunity to develop their own counseling skills through activities that involve observation, role-playing, interviews and self-exploration.
6/29-7/31
EB224
Class #8460
Instructor: Staff

SPG 675/Group Guidance and Counseling
Prerequisite: SPG 670
Exploration of one’s own interpersonal style of behavior, effective leader behavior, the dynamics of group processes and their interactional effect on member behavior are developed as students study and function as members of on-going counseling groups.
6/29-7/31
EB222
Class #8462
Instructor: Ramsey

SPG 677/Group Leadership Skills
Study and practice of professional skills and behaviors which enable the group leader to activate and maintain effective counseling group. Focus will be on how the leader capitalizes on group forces to encourage member goal achievement.
6/29-7/31
EB211
Class #8464
Instructor: Worthington

SPG 680/Pacticum in Counseling and Testing
Prerequisite: SPG 670, SPG 675
Basically a laboratory experience, students will engage in the development of effective counseling behaviors and practice test selection, administration, scoring and interpretation. The focus is on an integration of counseling theory and practice and educational testing.
6/29-7/31
EB205
Class #8466
Instructor: Staff

SPG 697/Independent Study in Student Personnel Services
In-depth exploration of a topic within a specific area of the discipline involving supervised reading, research and regular conferences with the faculty adviser.
6/29-7/31
Coordination: Worthington

SPG 698/Department Project in Student Personnel Services
Provides opportunities for in-depth study in an area of interest to the student, and/or participation in an activity related to Student Personnel Services.
6/29-7/31
Coordination: Worthington

SPG 699/Thesis/Creative Project in Student Personnel Services
An original research or creative study under the guidance of a thesis committee approved by the graduate dean. Open only to students matriculated in the student personnel services program.
6/29-7/31
Coordination: Worthington

6/29-7/31
MT 1100-1350
EB224
Class #8460
Instructor: Staff

6/29-7/31
MT 1700-2100
EB222
Class #8462
Instructor: Ramsey

6/29-7/31
MT 1700-2100
EB211
Class #8464
Instructor: Worthington

6/29-7/31
MT 0800-1050
EB208
Class #8454
Instructor: Staff

6/29-7/31
MT 1700-2100
EB208
Class #8456
Instructor: Staff

6/29-7/31
MTR 0800-1050
EB208
Class #8454
Instructor: Staff

6/29-7/31
MTR 1100-1350
HH-118
Class #8458
Instructor: Yengo

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MTR 1100-1350
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EB208
Class #8454
Instructor: Staff

6/29-7/31
MT 1700-2100
EB208
Class #8456
Instructor: Staff
ACADEMIC REGULATIONS AND INFORMATION
MAJORS LEADING TO BACCALAUREATE DEGREES

Bachelor of Arts

Art, Liberal Arts, Art Therapy or Advertising Design
Art, Teaching
Biology, Liberal Arts
Biology, Teaching
Chemistry, Liberal Arts
Chemistry, Teaching of Physical Science
English, Liberal Arts
English, Teaching
Geography, Liberal Arts
Geography, Teaching of Social Studies
History, Liberal Arts
History, Teaching of Social Studies
Mathematics, Liberal Arts, Computer Science or Statistics
Mathematics, Teaching
Music, Liberal Arts
Music, Teaching
Philosophy, Liberal Arts
Physics, Liberal Arts
Physics, Teaching of Physical Science
Political Science, Liberal Arts or Public Administration
Political Science, Teaching of Social Studies
Psychology, Liberal Arts
Sociology, Liberal Arts
Sociology, Teaching of Social Studies
Speech Communication and Theatre, Liberal Arts
Speech Communication and Theatre, Teaching

Bachelor of Science

Administrative Office Management
Business Administration (with an Accounting, General Business, Finance, Management, Marketing or Public Administration emphasis)
Business Economics
Business Education (with either Full Certification, Accounting, or Secretarial Studies emphasis)
Criminal Justice
Distributive Education
Early Childhood Education
Electronics Engineering Technology
Elementary Education
Health Education
Health and Physical Education
Industrial Education (with Industrial Arts or Vocational Industrial emphasis)
Industrial Engineering Technology
Mechanical Engineering Technology
Nursing
Recreation
Special Education for the Developmentally Handicapped
Special Education for the Hearing Impaired
Speech Pathology and Audiology (for other than public schools)
Speech Pathology and Audiology (for public school work)
Teacher-Librarian (combines Elementary Teaching and School Librarian)
Graduate Programs

Master of Arts
- English
- Mathematics
- Music
- Speech Pathology

Master of Arts in Teaching
- Business & Distributive Education
- Health
- Secondary School Teaching

Master of Education
- Business & Distributive Education
- Developmental Reading
- Elementary Education
- Health & Physical Education
- Industrial Education
- Mathematics Education
- Music Education

Science Education
- Social Studies Education
- Special Education
- Speech Correction
- Student Personnel Services
- Urban Education

Master of Science
- Management

Educational Specialist (6th year)
- Learning Disabilities Teaching/Consultant

Post Master's Programs (Certification Only)
- Principal
- Reading Specialist
- Special Education
- Supervision

Certificate Program
- Gerontology

ACADEMIC ADVISEMENT FOR SUMMER SESSION STUDENTS

Advising for Summer Session students currently enrolled in a degree program at Trenton State College is handled by the Office of Academic Advisement and Evaluation, (609) 771-2647, or by each department chairperson.

Advising for Summer Session students not enrolled in a degree program is handled by the Division of Continuing and Adult Education which offers a variety of services for Summer Session students. These services include academic counseling, general information about the college, and many administrative services.

The Division of Continuing and Adult Education office is located in Room 10 of Green Hall, and is open Monday through Thursday from 8:30 a.m. to 8:30 p.m. and Friday from 8:30 a.m. to 4:30 p.m. Please call (609) 771-3124 for an appointment. A telephone answering service is available evenings and weekends—(609) 771-2255.

Feel free to stop into the office anytime. Although an appointment is suggested for any problem requiring discussion, especially if you would like to see an adviser before 4:30 p.m., we will try to accommodate you whenever you stop by.

Attendance

Every student at the college is encouraged to attend every class, lecture and lab section in each of his/her courses according to the announced attendance policy of the instructor of that course. No policy may be formulated in which attendance per se is used as a criterion for academic evaluations.

However, this policy does not prohibit any instructor from evaluating students based on class participation, seminar discussion, laboratory work, field experience or the like which may take place during regularly scheduled class sessions. If these areas for evaluation involve activities which make class attendance essential, the student may be penalized for failure to perform satisfactorily.
Auditing

Students who wish to attend courses without receiving credit must:

1. Register and pay the normal tuition fees.
2. Obtain permission of the registrar before the first session of the course.

A student with audit status will receive a grade report indicating the title of the course; the entry will be marked Audit-No Credit. This information will become a part of the student's permanent record.

The instructor will be informed of students with auditor status in class. It is the prerogative of the instructor to determine the degree of class participation that an auditor may be permitted in any particular class.

An auditor may not elect to receive credit for a course after classes begin. Since only a limited number of auditors can be accommodated, only students presenting bona fide reasons will be granted this privilege.

Course Numbering

Courses are designated by an alphabetical abbreviation of the discipline which offers them. The three-digit number which follows the alphabetical abbreviation is generally to be interpreted as follows:

000—Non-credit courses unless otherwise stated.
100—Open to all students.
200—Open to all students who have the prerequisite, but are somewhat more specialized or advanced.
300—A professional or advanced course, normally not open to freshmen except by permission.
400—A professional or advanced course normally not open to sophomores except by permission.
500—Graduate courses. Also, by permission of the Graduate Office, open to qualified seniors.
600—Graduate courses, open only to matriculated graduate students.

When course titles include "I" and "II", the first half of the course is prerequisite to the second half.

Course Prerequisites

Students are not permitted to register for courses unless they have completed the required prerequisites, or are granted permission by the chairperson of the department offering the course.

Credit Load

Without special permission of their advisers or the director of the Summer Session, students may carry a maximum of nine credits.

Course credit will not be granted for duplication of courses. The responsibility for duplication of courses rests with the students. If students are repeating a course in order to raise cumulative averages, they must request a recalculation of their cumulative averages by reporting the results of the repetition to the registrar.

Concurrent enrollment of Trenton State College students in colleges and universities in excess of six semester hours may result in loss of course credit.

Any exception to these or other requirements stated herein may be made only upon written request to the director of Summer Session; or, for graduate students, through the dean of the Graduate Program.
Grades

Approximately three weeks after the completion of the final Summer session, grade reports are issued. The grade report bears the seal of the college and may be forwarded to the county superintendent of schools as evidence of completion of certification requirements.

Grades will not be released over the telephone or in person.

The final grades are reported in letter symbols:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Grade Equivalent</th>
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<tbody>
<tr>
<td>A</td>
<td>4.0</td>
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<tr>
<td>B</td>
<td>3.0</td>
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<td>C</td>
<td>2.0</td>
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<tr>
<td>D</td>
<td>1.0</td>
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<tr>
<td>F—No Credit</td>
<td>0.0</td>
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<tr>
<td>WF—Withdrawn, Failing</td>
<td>0.0</td>
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</tbody>
</table>

The following grades are never figured into the cumulative grade point average:

- AU—Audit
- CR—Credit by Examination
- IN—Incomplete
- IP—In Progress
- P—Passing
- U—Unsatisfactory
- WP—Withdrawn, Passing
- WU—Withdrawn, Unsatisfactory

To convert the “Incomplete” grade to an acceptable letter grade, the student must fulfill course requirements not later than the date stipulated by the instructor, or the grade automatically becomes an “F”.

Graduating Students, Summer 1981

Students who expect to complete requirements for the bachelor’s degree at the end of the Summer Session must apply for their degree before July 1, 1981. If the same students also qualify for a teaching certificate, they must apply for that also.

Applications for the degree are available in the Office of Academic Advisement and Evaluation, Green Hall, Room 106.

Applications for teaching certificates are available in:
- Office of the Dean of Arts and Sciences, Holman Hall, Room 305
- Office of the Dean of the School of Education, Education Building, Room 168
- Division of Business and Economics, Green Hall, Room 212
- Division of Industrial Education and Technology, Armstrong Hall, Room 66
- Office of Academic Advisement and Evaluation, Green Hall, Room 106

Transcript of Credit

Students desiring a transcript for courses they have completed should write to the Registrar, Trenton State College, Hillwood Lakes CN 550, Trenton, New Jersey 08625, and include the following:

1. full name and social security number (maiden name, if applicable);
2. address;
3. dates of attendance (inclusive) and divisions attended;
4. date of graduation;
5. name and address to which transcripts should be mailed.

No fee is charged.
Withdrawal From Courses and Refund of Tuition

This refund policy applies to undergraduate or graduate withdrawal from any course or courses.

In order to withdrawal from a summer course a student must fill out an official withdrawal form obtained from the registrar or the office of the Division of Continuing and Adult Education. After a student has officially withdrawn, the instructor must assign a grade of "WP" or "WF" as appropriate. If no official withdrawal is received, the student's grade will be an automatic "F".

The following schedule of tuition refunds for withdrawal from Summer Session courses is in effect. Refunds will be computed on the basis of the date the withdrawal request reaches the office of the Registrar.

For courses within summer school sessions I and IV:
Withdrawal on or before the day of the first scheduled class meeting................................................................. 100% refund
Withdrawal after the day of the first scheduled class meeting......................................................... No refund

For courses within summer school sessions II and III:
Withdrawal on or before the day of the first scheduled class meeting................................................................. 100% refund
Withdrawal during the first third of scheduled class meetings.................................................... 50% refund
Withdrawal after the first third of scheduled class meetings...................................................... No refund
The non-credit programs and the credit workshops described in this section are not covered by the guarantee.

**Marine Sciences Consortium at Seaville and Sandy Hook**

The New Jersey Marine Sciences Consortium is a research-oriented organization of institutions of higher learning in New Jersey. It operates two field stations, one at Sandy Hook in Monmouth County and the other at Seaville in northern Cape May County. Selected courses in various fields of marine sciences are offered during the summer at both stations. Dormitory and kitchen facilities are available as well as fully equipped laboratories and field facilities. An illustrated brochure is available that describes the summer program completely.

**Courses to be given at Sandy Hook**

<table>
<thead>
<tr>
<th>Undergraduate</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>BIO 132</strong></td>
<td>4</td>
</tr>
<tr>
<td>Introduction to the Marine Sciences</td>
<td>Monday and Thursday, 9:30 a.m.-12:00 noon; 1:00-4:45 p.m.</td>
</tr>
<tr>
<td>July 6-August 14</td>
<td>and</td>
</tr>
<tr>
<td>Tuesday and Wednesday, 6:00-9:15 p.m.</td>
<td>(Six additional hours of open lab must be scheduled.)</td>
</tr>
<tr>
<td>July 6-August 14</td>
<td>Class #5048</td>
</tr>
<tr>
<td><strong>BIO 433</strong></td>
<td>4</td>
</tr>
<tr>
<td>Introduction to Marine Biology</td>
<td>Tuesday and Wednesday</td>
</tr>
<tr>
<td>9:30 a.m.-12:00 noon; 1:00-4:45 p.m.</td>
<td>July 6-August 14</td>
</tr>
<tr>
<td>Class #5060</td>
<td></td>
</tr>
<tr>
<td><strong>BIO 499A</strong></td>
<td>1</td>
</tr>
<tr>
<td>Mollusca</td>
<td>Monday through Friday, hours to be arranged</td>
</tr>
<tr>
<td>July 6-July 10</td>
<td>Class #5066</td>
</tr>
<tr>
<td><strong>BIO 499B</strong></td>
<td>1</td>
</tr>
<tr>
<td>Worm Phyla</td>
<td>Monday through Friday, hours to be arranged</td>
</tr>
<tr>
<td>July 13-July 17</td>
<td>Class #5068</td>
</tr>
<tr>
<td><strong>BIO 499C</strong></td>
<td>2</td>
</tr>
<tr>
<td>Scientific Photography</td>
<td>Monday through Thursday, 6:00-9:00 p.m.</td>
</tr>
<tr>
<td>July 13-July 31</td>
<td>Class #5070</td>
</tr>
<tr>
<td><strong>BIO 499D</strong></td>
<td>1</td>
</tr>
<tr>
<td>Arthropoda</td>
<td>Monday through Thursday, hours to be arranged</td>
</tr>
<tr>
<td>July 20-July 24</td>
<td>Class #5072</td>
</tr>
<tr>
<td><strong>BIO 499E</strong></td>
<td>2</td>
</tr>
<tr>
<td>The New York Bight</td>
<td>Monday, Wednesday and Friday</td>
</tr>
<tr>
<td>9:00 a.m.-12:00 noon and one day trip</td>
<td>July 20-July 31</td>
</tr>
<tr>
<td>Class #5074</td>
<td></td>
</tr>
<tr>
<td><strong>BIO 499F</strong></td>
<td>4</td>
</tr>
<tr>
<td>Marine Invertebrate Paleobiology</td>
<td>Monday through Friday, hours to be arranged</td>
</tr>
<tr>
<td>July 20-August 14</td>
<td>Class #5076</td>
</tr>
<tr>
<td><strong>BIO 499G</strong></td>
<td>1</td>
</tr>
<tr>
<td>Bryozoa, Echinoderms and Protochordata</td>
<td>Monday through Friday, hours to be arranged</td>
</tr>
</tbody>
</table>

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Courses to given at Seaville

Undergraduate

| Course Code | Course Title                              | Credits | Schedule Details
|-------------|-------------------------------------------|---------|-------------------
| BIO 132     | Introduction to the Marine Sciences       | 4       | Monday through Friday, hours to be arranged
|             |                                           |         | July 6-July 31    |
|             |                                           |         | Class #5049       |
| BIO 499H    | Field Methods in the Marine Sciences      | 4       | Monday through Friday, hours to be arranged
|             |                                           |         | July 6-July 31    |
|             |                                           |         | Class #5080       |
| BIO 433     | Introduction to Marine Biology            | 4       | Monday, Tuesday and Thursday, 6:00-9:30 p.m. and two six-hour field trips
|             |                                           |         | July 6-August 14  |
|             |                                           |         | Class #5061       |
| BIO 499I    | Seashore Ornithology                      | 2       | Monday through Friday, hours to be arranged
|             |                                           |         | July 20-July 31   |
|             |                                           |         | Class #5082       |

Graduate

| Course Code | Course Title                              | Credits | Schedule Details
|-------------|-------------------------------------------|---------|-------------------
| BIO 663     | Ecology of the Estuary                    | 4       | Monday through Friday, hours to be arranged
|             |                                           |         | July 20-August 14 |
|             |                                           |         | Class #8001       |

Summer Science Camp

For Grades 8-12
July 6-17, 1981
July 20-31, 1981

The Science Camp at Trenton State College is designed to provide a unique experience for high-ability, high-school-age students.

**PURPOSE**

Under the direction of Professors Paul S. Cohen and Fred T. Pregger, the camp provides an opportunity for junior and senior high school students with high ability in science to study under a professional staff in a college setting.

**DIVISION I**

Students (grades 8-9) are given a concentrated, intense curriculum including topics in a wide range of scientific areas.

**DIVISION II**

Students (grades 10-11) are given three courses for each two-week session. Each course has a theme in one of the basic sciences.

**DIVISION III**

Students (grade 12) are provided with an intensive course in research techniques and an opportunity to work with a professor on an ongoing research project as a research associate.
ADMISSION

A limited number of students are admitted to the program. Classes are small. Students are selected after completing an application form and submitting a letter of recommendation from one or more science teachers. Students must be enrolled in junior or senior high school (grades 8-12 as of September 1981). Admission to the research program is based on high school academic training and teacher evaluation.

**Division I** (grades 8-9) **Division II** (grades 10-11) The program consists of two sessions, each two weeks in duration, July 6-17 and July 20-31. Students may select either or both of the two-week sessions. Neither session repeats the content of the other. Field trips and laboratory work are a major portion of the program.

**All students (Divisions I, II and III)** There are recreational activities provided daily. Dormitory and food services are available for those who wish them. A dorm counselor is present for this program.

## The Weekend Experience

**July 10-12, July 24-26**

This special program is designed to acquaint students with the flora, fauna and physiography of magnificent Camp Mohican (located at the Delaware Water Gap). Lectures, slide presentations, natural history hikes and recreation programs highlight a weekend of education and fun in the great outdoors.

Participants leave Trenton State College Friday evening and return Sunday evening. Excellent lodging and boarding facilities are available at the camp. All teaching and research faculty are professors at Trenton State College.

**Apply early; enrollment is limited.**

For additional information and application form contact: Division of Continuing and Adult Education, (609) 771-3121.

## Electron Microscopy for Technicians

**June 14-26, 1981**

This is an intensive two-week program designed primarily for post-baccalaureate level participants who have little or no training in electron microscopy, but who wish to use the electron microscope as a tool in their work.

The objective of the course is to enable each participant to obtain a working knowledge of the basic techniques in electron microscopy. Each student will fix, embed, section, stain, photograph, print and interpret electron micrographs of biological tissue. In addition, there will be a practice in other specimen preparation techniques.

The laboratory work is supplemented by lectures devoted to theory and explanations of laboratory procedures, and by discussion of topics beyond the scope of the laboratory program.

The instructors are Drs. Joseph A. Vena and Steve Klug, both members of the Biology Department. Representatives of the instrument manufacturers and distributors will be in attendance for instructional purposes.

Further information may be obtained by calling the Division of Continuing and Adult Education, (609) 771-3121.
Fine Arts Institute
July 12-25, 1981

This residential institute is designed for young artists who are talented in art, theatre, music or modern dance. Each art will be handled as a discrete area. No student may enroll in more than one of these areas. This program will be offered for those young men and women who will be high school sophomores, juniors or seniors in September 1981.

The institute provides young artists an opportunity to work with student artists of similar ability, refine familiar skills and crafts under the guidance of professionals, and experience a variety of arts related activities.

For further information contact the Division of Continuing and Adult Education, (609) 771-3121.

Residential Seminar for Older Adults
June 21-27, 1981

In an effort to provide older adults with a week-long comprehensive educational experience, the Division of Continuing and Adult Education, Trenton State College, will sponsor the Residential Seminar for Older Adults. The seminar is open to all individuals age 60 and over, and is designed to provide the older adult with a week of educational opportunities in a college setting.

The program will provide an experience for intellectual and personal growth which will open new vistas for a fuller and more enriched life. Activities will include educational seminars, recreational programs and small group interest sessions. The focus of the 1981 Seminar is on the Arts.

All activities are held on the Trenton State College campus. Participants will be housed in residence halls and served in the college dining hall.

For further information contact the Division of Continuing and Adult Education, (609) 771-3121.

Learn to Swim Program

Trenton State College will offer a swimming program on June 1, 2, 3, 4, 8, 9, 10, 11 (Mondays through Thursdays) for a total of 8 lessons. There are four courses offered: Beginning Swimming, Advanced Beginner Swimming, Intermediate Swimming, and the Swimmers' course, taught by a staff of Water Safety Instructors trained by the American Red Cross. The program is open to individuals ages 5-18. Hours are 3-6 p.m.

For more information contact Charles E. Hill, Packer Hall, Trenton State College, Hillwood Lakes, CN 550, Trenton, NJ 08525, (609) 771-2822.

Individual Swimming Lessons

Individual Swimming Lessons, with emphasis on beginning-swimmer skills, will be offered on Monday, Tuesday and Thursday mornings June 22 through July 31. These individualized lessons are available to persons 5 years of age and over. You are encouraged to reserve a lesson as early as possible. Call Richard McCorkle, Packer Hall, (609) 771-2287.
Track and Field Skills Clinic

Individualized instruction for boys and girls ages 8 to 15 in all running, jumping and throwing track and field skills. Films, lectures, demonstration and drills covering all aspects of training, conditioning and performance of the many track and field events will be presented by the Trenton State College coaching staff and varsity team members (Monday through Friday, June 28–July 2 and Monday through Friday, July 5–9, 5:30 to 7:30 p.m.).

For further information, please contact Richard McCorkle, Packer Hall, (609) 771-2287.

Summer Workshop in Economic Education

ECO 550 Economic Education Workshop
June 29–July 16, 1981, 9:30 a.m.–1:15 p.m.
Class #8038

The program includes presentations by distinguished economists and experts in various fields from business, labor and government. They will speak on current economic problems dealing with energy, employment, inflation and other topics.

The workshop is designed for New Jersey teachers and administrators who have leadership ability and a desire to improve curriculum, regardless of grade level or subject area.

Tuition is free to the first 20 registrants accepted to the workshop. Participants pay for fees and materials. The workshop is funded by the New Jersey Council on Economic Education and is offered in cooperation with the Division of Business and Economics and the School of Graduate Studies.

For further information call Dr. Elizabeth Lott, (609) 771-2153.

Modern Office Management Institute for Office Educators

BUS 528
June 6–June 20, 1981
Class #8016

The changing office scene affects every office educator. This Institute is designed for in-service educators who prepare students for office occupations. The purpose of the Institute is twofold: first, to become familiar with the framework of the modern, emerging office and the problems and issues facing office managers; second, to incorporate a number of strategies for the management of office and administrative service support centers into clerical, secretarial, and management programs as a means of upgrading those courses and improving the upward mobility of students.

Topics include: the emerging office; communication systems; word-processing systems; reprographic systems; microtechnology; records systems; office and support center organization, layout, procedures and forms; analyzing and using work measurement tools.

Real case problems will be analyzed and solved by student teams. Students will also modify cases for use in their instructional programs to increase their interest and awareness of management problems and to develop skills and the knowledge needed by the office or administrative center manager.

The instructor for the program is Dr. Robert A. Schultheis, a nationally known authority in office education and a professor in the Business and Administrative
Early registration is encouraged. The Institute is limited to 30 participants. Total cost, including registration, is $191. To reserve a place in the Institute or for more information call (609) 771-3063.

**Workshop in Business and Distributive Education—Speedwriting Shorthand**

**BUS 500**  
**August 3-7, 1981**  
**Class #8012**  
2 cr.

This course, co-sponsored by the Division of Business and Economics and Bobbs-Merrill Educational Publishing, introduces the fundamental principles of Speedwriting to business teachers with emphasis on development, theory, and instruction methodology. Applicable research on this alphabetic shorthand system will be identified.

Alphabetic shorthand is being offered as a course in high schools and post-secondary schools in increasingly large numbers. It satisfies the need for an easy-to-learn system, high skill attainment in a short period of time, and a low attrition rate.

Emphasis in this special workshop will be on the teaching of a one-year course in Speedwriting. The workshop is offered as retraining of shorthand teachers presently using a symbolic shorthand system. It will also benefit teachers with no shorthand background who need an introduction to the teaching of an alphabetic shorthand system.

Due to the special nature of this workshop, tuition will be waived. A nominal fee will be charged for special instructional materials.

Early registration is encouraged as the workshop is limited to 50 participants. To reserve a place in the workshop or for more information call (609) 771-2565.

**Mohican Work Week**

**IET 466/Workshop in I.E.T. (Mohican Work Week) 1 credit**

Restore and improve physical facilities of TSC Mohican Outdoor Resource Center. The Center is located near Delaware Water Gap. Course includes work in insulation, carpentry, plumbing/heating, road repair, and on interior/exterior of buildings. Experience in these areas desirable but not required. Lodging is free; food will be responsibility of each individual or individuals can participate in a ‘group’ food plan [costing approximately $5.00/day for 3 meals.]

May 30 through June 7

One semester hour credit obtained for working any five days during times listed [above.]

To obtain further details contact: Dr. Robert D. Weber, Armstrong Hall, 609-771-2536.
Health Services

The Student Health Center is located on the first floor of Norsworthy Hall, where a registered nurse will be on duty from June 8 to August 14 Monday through Thursday, from 8 a.m. to 8 p.m. and Friday from 8:30 a.m. to 4:30 p.m. Telephone (609) 771-2484.

Emergency first aid for illness or injury is provided for all students. In the event further medical assistance is required, the nurse will refer patients to their own physicians or a community agency. After 8 p.m. when the Health Center is closed, students will be sent to St. Francis Medical Center Emergency Room for treatment if they cannot wait until the next day. The Campus Police (609) 771-2167 may be called for assistance with directions, transportation, etc., if needed. Service at the Health Center is free; however, all expenses for services rendered by community facilities and practitioners is the responsibility of the student.

Parking on Campus

Any vehicle parked on campus must be registered with the Motor Vehicle Registration Office and bear a valid Trenton State College parking decal.

Registration may be accomplished between 8:30 a.m. and 4:15 p.m. daily, Monday through Friday, at the Vehicle Registration Office which is located in McCauley House (Campus Police Headquarters—771-2461).

Registration requirements are:
• valid State vehicle registration certificate;
• Trenton State College ID card; and
• fee of $3 for the Summer Session.

If a decal is purchased at any time during 1980-81 school year, it will be valid for the Summer Session.

Students must park in authorized student lots only. These lots are at the west side of campus and behind Travers-Wolfe, Decker and Cromwell Halls. Parking and traffic regulations are enforced 24 hours a day by the Campus Police.

Foreign Students

Only foreign students previously admitted to Trenton State College may enroll in the summer session.

A form I-20 must be issued before a student may attend classes. Please contact the director of Admissions for further information, at (609) 771-2131.

Veterans’ Assistance

Veterans, dependents of veterans, and military personnel on active duty wishing to apply for veterans’ benefits should be prepared to pay all fees and educational costs at the time of registration. An education allowance is paid directly to the students, provided they have secured the proper entrance authorization and maintained satisfactory standards in their classes. The total amount of payment depends upon the semester hour load and the number of dependents. The first payment will normally be received six to eight weeks after the first date of classes. For further information, contact Office of Special Services, (609) 771-2571.

Federal laws governing veterans’ benefits require that all students who receive funds must report all changes in their enrollment status to the college veterans’ officials promptly.
Disabled Students

The Program for Disabled Students has been established as a focal point for the coordination of services for the handicapped. The function of the Office of Special Services is to address those problems which may interfere with academic or social adjustment. We view our office as a supportive, confidential service acting as advocate for the disabled by working with key college offices, academic departments and community based agencies and programs. Our goal is the successful integration of each student into the mainstream of the college community and ultimately the community at large. For many students, this goal can be attained independently with no additional services other than those routinely provided by the college. For some students, however, special assistance may be required. We encourage the contact of any student who feels that our services may be of value. For more information call (609) 771-2571.

Women's Center

The Women's Center in Room 3 of Green Hall offers a variety of programs and services for the Trenton State College community:

A Drop-In Center—a place to share coffee, ideas, and information, to get to know one another and find support

Referral Services—for obtaining information about the community and college resources, including referrals for counseling, women's groups, health, and legal matters

A Resource Center—a collection of books, periodicals, and journals on a wide range of topics

A Current Events Bulletin Board—to keep up on women's issues and events

Workshops and Cultural Programs on Women's Issues—scheduled throughout the year

For further information, please call Dr. Susan Karr, Director of the Office for Women, at (609) 771-3049.

The Student Center

The Trenton State College Student Center is a multipurpose facility which serves as a focal point for both student activities and a growing conference program. In addition to numerous lounges and meeting rooms, the architecturally award-winning center houses a full service bank and three stores which stock everything from snacks to study aids. Sometimes referred to as "the living room of the college," the Student Center also offers a variety of recreation options. Pool, Ping-Pong, and electronic games are available for those who want to compete, and television for those who just want to relax. A snack bar and rathskeller serve hot and cold meals and refreshments.

The Trenton State College Conference Center program provides professional conference services to corporations, government agencies, community groups, and associations. Services include planning, audio-visual equipment, catering and dining for receptions, luncheons, banquets, and other events. A growing number of organizations are finding the friendly, comfortable setting of the Trenton State Conference Center to be an ideal setting for training programs, meetings and other functions.

The Center Information Desk (609-771-2331) answers inquiries about all campus activities, bus and train schedules, etc. Questions about the Student Center or Conference program can also be directed to the Student Center, Trenton State College, Hillwood Lakes CN550, Trenton, NJ 08625. Telephone: (609) 771-2264.
HOUSING ACCOMMODATIONS AND FOOD SERVICE

Living on Campus

Accommodations for students enrolled in summer session courses are available in college residence halls, on a double-occupancy basis. Two plans are provided for your convenience: one is a live-in, full-time residency with an optional meal contract; the second is for students to stay overnight on an occasional basis.

To live on campus as a full-time resident:

1. Request an application form from the Summer Session Office, Green Hall, Room 10, (609) 771-2255.

2. Return the application form to the Summer Session Office accompanied by the correct amount in check or money order payable to Trenton State College. If you choose a meal contract, be sure to include this payment with your room rent fee.

Please note: If application forms accompanied by payment in the exact amount are received before the deadline dates indicated below, the student will receive a room assignment by mail. If no advance reservation is made, there may be a two-day period at the start of the summer session before a room can be assigned. Students must present receipt of room payment before checking into the residence hall.

3. Bring your own towels, face cloths, bed linens, pillows, bedspreads and drinking glasses. The privilege of occupying a residence hall room is given only to the person to whom the room is assigned. Occupancy shall be subject to all rules and regulations of the college, including those in the Student Handbook, A Guide to Residence Hall Living and Social Contract.

4. Remember the following dates and policy:
   a. Reservations for the summer session must be received by June 10, 1981.
   b. Residence halls will be open on June 21, 1981, at 4 p.m. and close on July 31, 1981 at 7 p.m.
   c. The college does not assume responsibility for loss or damage to personal property of students living in residence.
   d. The policy concerning refund of residency hall charges is available upon request from the Housing Office.

There will be no on-campus accommodations for either the pre-session or post-session.

5. Housing Rates for Summer Session:
   For 6 weeks of summer session $246
   For 1 week (3 nights or more) $41

Snack Bar Hours

Monday-Thursday 7:30 a.m.-8:00 p.m.
Friday 7:30 a.m.-5:00 p.m.
Saturday, Sunday Closed

Rathskeller

Monday-Friday 11:00 a.m.-midnight
Saturday 12:00 noon-12:00 midnight
Sunday 12:00 noon-5:00 p.m.
To Live On Campus As An Occasional Overnight Guest

Arrangements for commuting students who desire overnight accommodations, minimum of once a week in residence halls, should be made at the Housing Office, preferably at least 24 hours in advance. The charge is $6 per night, plus a $5 refundable key charge. The key refund is obtained from the Housing Office by presenting a clearance slip obtained from the director of summer residences. *Please note:* The college does not assume responsibility for loss or damage to personal property of students living in residence.

Eating on Campus

Meals are available on campus either in conjunction with the residence hall contract or on an individual basis.

1. Students may choose from among the following meal contracts:
   - 20 meals per week @ $24.50/wk $147/session
   - Any 14 meals per week @ $22.00/wk $132/session
   - Any 10 meals per week @ $21.00/wk $126/session
   Please add the cost of the meal contract to the room rent for the total room and board cost.

2. Meals will be available for students in the residence dining halls on an a la carte basis.
   Meal prices will be as follows:
   - Breakfast $1.50
   - Lunch 2.35
   - Dinner 3.10
   - Brunch 3.10

3. Dining Schedule: The dining hall hours of operation will be posted in the summer session residential hall and Housing Office once determined.
   - 3 meals/day Monday through Saturday
   - 2 meals on Sunday (Brunch and Dinner)
   (Conflicts between dining hall schedule and class schedule may be resolved in the Housing Office.)

4. Snack Bar: Snack Bar service will be available in the Student Center on a cash basis. Hours will be determined according to the needs of students.

College Store and College Textbook Store

Services of the College Store and Textbook Store are available to summer session students. The College Store is located in the Student Center; the College Textbook Store is behind Phelps Hall opposite the Recreation Center.

Summer business hours are:
   - Monday, June 22 and Tuesday, June 23-8:30 a.m.-8 p.m.
   - Monday, June 29 and Tuesday, June 30-8:30 a.m.-8 p.m.
   - Monday-Friday—9 a.m.-4 p.m.

The College Store carries best sellers and recommended books, general supplies, clothing, food, gifts, greeting cards, etc.
Library Hours

During the 1981 Summer Session (June 22 through July 31) the library will be open during the following hours:

Monday through Thursday ........................................... 7:45 a.m.-10:30 p.m.
Friday ................................................................. 8:30 a.m.- 6 p.m.
Saturday ................................................................. 9 a.m.- 4 p.m.
Sunday ................................................................. Closed
July 4 ................................................................. Closed

During the pre-season (June 8-June 19) and the post-session (August 3-August 14) the library will be open Monday through Friday, 8:30 a.m.-4:30 p.m.

Intramurals and Recreation Services

The Trenton State College Intramural and Recreation Services program provides opportunities for the college community to participate in many informal recreational activities throughout the summer months.

The Student Recreation Center is available at regularly scheduled hours and includes racquetball courts, tennis courts, baseketball courts, jogging lanes and a fully-equipped weight room. Swimming is also available at regularly scheduled hours and the pool is located in Packer Hall. Outdoor facilities include the seven lighted tennis courts, two basketball courts and the 3.25 mile jogging course. Copies of course maps are available at the Student Recreation Center.

A wide variety of recreational equipment is available for check-out at the Student Recreation Center by presenting your current TSC ID card.

Monthly activity and facility calendars along with additional information and schedules are all available at the Student Recreation Center. To find out more, call (609) 771-2389.
If You Need Information, Call:

Admissions .......................... 771-2131
Advisement .......................... 771-2647
Bookstore, College .................. 771-2587
Bookstore, Textbook ................ 771-2617
Bursar (Tuition) ..................... 771-2172
Certification for Teaching ............ 771-2647
Continuing Ed. ....................... 771-2255
Coop. Ed. ............................ 771-2161
Dean of Students ..................... 771-2201
Disabled Students .................... 771-2571
Graduate Study ....................... 771-2111
Health ............................... 771-2484
Housing ............................. 771-2264
Library ............................... 771-2311
Police, Campus ....................... 771-2167
Recreation Center .................... 771-2389
Registrar ............................. 771-2141
Student Center ....................... 771-2304
Student Teaching ..................... 771-2408
Summer Session ...................... 771-2255
Transcripts ........................... 771-2141
Veterans ............................. 771-2571
Office for Women ..................... 771-3048
Women's Center ....................... 771-2120

For offices other than those listed, use the main college telephone number: (609) 771-1855.

BUILDING DESIGNATION CODE

<table>
<thead>
<tr>
<th>Building</th>
<th>Building Code</th>
<th>Building Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Armstrong Hall</td>
<td>AR</td>
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<td>Holman Hall</td>
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<td>Classrooms</td>
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</table>

HOURS AND DAYS

Beginning and ending times are stated fully for each course section in this schedule, according to the 24-hour clock, as follows:

0800 = 8 a.m.  
0900 = 9 a.m.  
1000 = 10 a.m.  
1100 = 11 a.m.  
1200 = 12 NOON  
1300 = 1 p.m.  
1400 = 2 p.m.  
1500 = 3 p.m.  
1600 = 4 p.m.  
1700 = 5 p.m.  
1800 = 6 p.m.  
1900 = 7 p.m.  
2000 = 8 p.m.  
2100 = 9 p.m.  
2200 = 10 p.m.  

M = Monday  
T = Tuesday  
W = Wednesday  
R = Thursday  
F = Friday  
S = Saturday  
TBA = To Be Arranged
## SCHEDULES

### Pre-session • 6/8/81-6/19/81

**TIME:** 0800-1600

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Days of Week</th>
<th>Room</th>
<th>Other Notes</th>
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</thead>
<tbody>
<tr>
<td>BUS 528</td>
<td>Principles &amp; Practice in Modern Office Management</td>
<td>MTWRF</td>
<td>LE 208</td>
<td>(0830-1630-6/6-6/20)</td>
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<tr>
<td>CHM 350</td>
<td>Fundamental Organic Chemistry</td>
<td>MTWRF</td>
<td>CH 101</td>
<td>(1730-2130)</td>
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<tr>
<td>CHM 351</td>
<td>Organic Chemistry I</td>
<td>MTWRF</td>
<td>CH 339</td>
<td>(0900-1255-6/8-7/10)</td>
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<tr>
<td>CHM 370</td>
<td>Fund. of Chemical Instrumentation</td>
<td>MTWRF</td>
<td>CH 139</td>
<td>(1730-2155-6/8-6/26)</td>
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<tr>
<td>ECO 201</td>
<td>Principles in Economics: Macro</td>
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<td>NU 111</td>
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<tr>
<td>IET 466</td>
<td>Workshop in I.E.: Metrics</td>
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<td>MGT 561</td>
<td>Dynamics of Labor Relations</td>
<td>MTR</td>
<td>GR 211</td>
<td>(1800-2040-6/8-7/14)</td>
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<tr>
<td>PED 131</td>
<td>Golf</td>
<td>MTWRF</td>
<td>PA 103</td>
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<tr>
<td>PED 153</td>
<td>Basketball</td>
<td>MTWRF</td>
<td>Gyms I&amp;II</td>
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<td>PED 203</td>
<td>Anatomy &amp; Physiology I</td>
<td>MTWRF</td>
<td>PA 101</td>
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<td>PED 539</td>
<td>Advanced Theory &amp; Techniques in Basketball</td>
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<td>Gyms I&amp;II</td>
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<td>Adv. Theory &amp; Techniques in Golf</td>
<td>MTWRF</td>
<td>PA 103</td>
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### Post-Session • 8/3/81-8/14/81

**TIME:** 0800-1600

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<tr>
<td>BUS 500</td>
<td>Workshop in Business Dist. Ed: Speedwriting Shorthand</td>
<td>MTWRF</td>
<td>LE 208</td>
<td>(0830-1630-8/3-8/7)</td>
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<tr>
<td>CHM 352</td>
<td>Organic Chemistry II</td>
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<td>CH 339</td>
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<tr>
<td>CRJ 491</td>
<td>Topics: Terrorism</td>
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<td>CH 101</td>
<td>(0800-1200-3/8-14)</td>
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<tr>
<td>ENG 313</td>
<td>Topics in Linguistics: People &amp; Computers</td>
<td>MTWRF</td>
<td>GR 211</td>
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<td>ENG 597</td>
<td>Advanced Topics in English: The Computer in the Classroom</td>
<td>MTWRF</td>
<td>GR 211</td>
<td>(0900-1400)</td>
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<tr>
<td>IET 165</td>
<td>Industrial Plastics</td>
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<td>AR 16</td>
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<td>Industrial Education Workshop: Plastics</td>
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<td>AR 16</td>
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<td>IET 562</td>
<td>Industrial Education Workshop: Plastics</td>
<td>MTWRF</td>
<td>CH 139</td>
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<td>SEC 581</td>
<td>Discipline in the Classroom</td>
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### 6 weeks, 2 days • 6/22/81-7/31/81

**TIME:** 1730-2110

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<tr>
<td>PHI 101</td>
<td>Introduction to Philosophy</td>
<td>MW</td>
<td>HH 316</td>
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### 6 weeks, 3 days • 6/22/81-7/31/81

**TIME:** 0830-1050
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<td>ART 101</td>
<td>Foundations of Art</td>
<td>MTR</td>
<td>HH 374</td>
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<td>ART 211</td>
<td>Painting</td>
<td>MTR</td>
<td>HH 374</td>
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<tr>
<td>ART 312</td>
<td>Advanced Painting</td>
<td>MTR</td>
<td>HH 446</td>
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<tr>
<td>BUS 333</td>
<td>Public Relations</td>
<td>MTR</td>
<td>HH 446</td>
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<tr>
<td>CRJ 310</td>
<td>Juvenile Delinquency</td>
<td>MTW</td>
<td>HH 446</td>
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<tr>
<td>MAT 348</td>
<td>Teaching Modern Math in Elementary Grades</td>
<td>MTR</td>
<td>HH 124 (1100-1220)</td>
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<tr>
<td>PED 612</td>
<td>Dev. &amp; Maint. of PE Facilities &amp; Equipment</td>
<td>MTR</td>
<td>CH 114 (6/29-8/6)</td>
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<td>REL 151</td>
<td>Comparative Religion</td>
<td>MTR</td>
<td>HH 117</td>
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<td>SOC 101</td>
<td>Intro. to Sociology</td>
<td>MTR</td>
<td>BR 125</td>
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<td>Kinetic Problems in Body Mechanics</td>
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<td>PA 101/P126 (6/29-8/6)</td>
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<td>ART 105</td>
<td>Intro. to Art History</td>
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<td>HH 264</td>
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<tr>
<td>BUS 210</td>
<td>Introduction to Business</td>
<td>MTR</td>
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<td>Contemporary Health Problems</td>
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<td>Family Life in Sex Education</td>
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<td><strong>6 weeks, 3 days • 6/22/81-7/31/81</strong></td>
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<td>Printmaking</td>
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<td>BIO 312</td>
<td>Microbiology</td>
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<td>CH 239 (1730-2000)</td>
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<td>HH 117</td>
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<td>HH 105</td>
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<td>BUS 330</td>
<td>Business &amp; Economics Statistics</td>
<td>MTR</td>
<td>HH 204</td>
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<td>HED 356</td>
<td>Foundations of Sex Education</td>
<td>MTR</td>
<td>NU 323</td>
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<td>IET 179</td>
<td>General Photography</td>
<td>MTR</td>
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<td>IET 323</td>
<td>Photography in the Graphic Arts II</td>
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<td>HH 124</td>
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<td>Elements of Computing</td>
<td>MTR</td>
<td>HH 126</td>
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<tr>
<td>PED 530</td>
<td>Theory &amp; Practice of Phys. Conditioning</td>
<td>MTR</td>
<td>PA 103</td>
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<tr>
<td>SOC 101</td>
<td>Introduction to Sociology</td>
<td>MTR</td>
<td>BR 125</td>
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**TIME: 0830-1015**

| BIO 183       | General Biology I                          | MTWR         | CH 201 (0800-1240-6/22-7/17)|   |
| BIO 184       | General Biology II                         | MTWR         | CH 201 (0800-1240-7/20-8/14)|   |
| CHM 201       | General Chemistry I                        | MTWR         | CH 316 (0800-1210-6/15-7/9)|   |
| CHM 202       | General Chemistry II                       | MTWR         | CH 316 (0800-1210-7/13-8/6)|   |
| MAT 104       | Math in the Liberal Arts                   | MTWR         | HH 118 |                           |
| MAT 225       | Differential & Integral Calculus I         | MTWR         | HH 120 |                           |
| MUS 577       | Advanced Workshop: Orff                    | MTWR         | CH 139 (0800-1200-6/22-7/10)| |
| PHY 105       | Physical Science I                         | MTWR         | BR 126 (0800-1200-7/13-7/16)| |
| PHY 106       | Physical Science for Non-Science Majors    | MTWR         | CH 139 (0800-1200-7/13-7/31)| |
| PHY 201       | General Physics I                          | MTWR         | CH 111 (0800-1200-6/15-7/10)| |
| PHY 202       | General Physics II                         | MTWR         | CH 111 (0800-1200-7/13-8/7)|   |
| PSY 224       | Adolescent Psychology                      | MTWR         | HH 253 |                           |

**TIME: 1100-1245**

| MAT 101       | Foundations of Math I                      | MTWR         | HH 252 |                           |
| MAT 211       | Intro. to Quantitative Analysis I          | MTWR         | HH 204 |                           |
| MAT 226       | Differential & Integral Calculus II        | MTWR         | HH 120 |                           |
| PSY 315       | Social Psychology                          | MTWR         | HH 253 |                           |

**TIME: 1215-1625**

| CHM 201       | General Chemistry I                        | MTWR         | CH 316 (6/15-7/9) |   |
| CHM 202       | General Chemistry II                       | MTWR         | CH 316 (7/13-8/6) |   |

**TIME: 1330-1515**

| MAT 115       | Statistics I                               | MTWR         | HH 117 |                           |
| MAT 212       | Intro. to Quantitative Analysis II         | MTWR         | HH 204 |                           |
| MAT 215       | Intro. to Computer Science I               | MTWR         | HH 120 |                           |

**TIME: 1530-1715**

| PSY 101       | Intro. to Psychology I                     | MTWR         | HH 315 |                           |
## TIME: 1730-1915

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<td>BIO 181</td>
<td>Principles of Biology I</td>
<td>MTWR</td>
<td>CH 201</td>
<td>(1730-2030-6/22-7/17)</td>
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<tr>
<td>BIO 182</td>
<td>Principles of Biology II</td>
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<td>CH 201</td>
<td>(1730-2030-7/20-8/14)</td>
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<td>ENG 222</td>
<td>Short Story</td>
<td>MTWR</td>
<td>HH 315</td>
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<tr>
<td>HED 453</td>
<td>Alcohol &amp; Narcotic Ed. Workshop</td>
<td>MTWR</td>
<td>HH 377</td>
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<tr>
<td>HED 551</td>
<td>Alcohol &amp; Narcotic Ed. Workshop</td>
<td>MTWR</td>
<td>HH 377</td>
<td>(1700-1930-6/22-7/16)</td>
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<td>MAT 101</td>
<td>Foundations of Math I</td>
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<td>HH 252</td>
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<td>MAT 227</td>
<td>Calculus I</td>
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<td>Music Fundamentals</td>
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<td>BR 126</td>
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<td>PHY 201</td>
<td>General Physics I</td>
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<td>CH 111</td>
<td>(1730-2130-6/15-7/10)</td>
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<td>PHY 202</td>
<td>General Physics II</td>
<td>MTWR</td>
<td>CH 111</td>
<td>(1730-2130-7/13-8/7)</td>
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## TIME: 1930-2115

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<tr>
<td>ENG 246</td>
<td>The Film</td>
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<td>HH 316</td>
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<tr>
<td>POL 360</td>
<td>Govt. &amp; Politics of Soviet Union</td>
<td>TR</td>
<td>HH 304</td>
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<tr>
<td>SPG 501</td>
<td>Intro. to Counseling &amp; Student Personnel Services</td>
<td>MT</td>
<td>EB 208</td>
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<td>SPG 675</td>
<td>Group Guidance &amp; Counseling</td>
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<td>Group Leadership Skills</td>
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## 1800-2210

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<tbody>
<tr>
<td>MGT 597</td>
<td>Adv. Topics in Management: Marketing for the Public Sector</td>
<td>MW</td>
<td>HH 129</td>
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<tr>
<td>POL 506</td>
<td>Environment of Public Admin.</td>
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<tr>
<td>POL 530</td>
<td>Seminar in International Relations</td>
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<td>HH 254</td>
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<td>POL 593</td>
<td>Readings Tutorial in History of the Soviet Union</td>
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<td>SPP 515</td>
<td>Cleft Palate</td>
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## TIME: 0800-1050

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<tr>
<td>AST 161</td>
<td>Descriptive Astronomy</td>
<td>MTR</td>
<td>CH 114</td>
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<tr>
<td>BUS 310</td>
<td>Management Principles</td>
<td>MTR</td>
<td>GR 211</td>
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<tr>
<td>ECE 204</td>
<td>Guiding the Learning of Young Children</td>
<td>MTR</td>
<td>EB 224</td>
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<tr>
<td>ECE 504</td>
<td>Teaching Young Children</td>
<td>MTR</td>
<td>EB 201</td>
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EDF 600  Intro. to Research  MTR  EB 424
ELM 325  Science & Social Studies  MTR  EB 347
in Elem. School  MTR  EB 203
ELM 663  Advanced Trends in Elem. Ed.  MTR  HH 264
ENG 552  Seminar in Drama  MTR  EB 124
MCS 217  Television Production I  MTR  EB 124
MCS 518  Advanced TV Production  MTR  EB 409
PSY 102  Intro. to Psych II  MTR  EB 423
PSY 203  Stat. in Behavioral Science  MTR  EB 256
RDG 421  Diagnosis of Reading Difficulties  MTR  EB 320
RDG 570  Corrective Techniques in Reading  MTR  EB 319
RDG 571  Language & the Teaching of Reading  MTR  EB 222
RDG 573  Advanced Reading II  MTR  EB 202 (0830-13:15)
SEC 491  Seminar in Supervised  MTR  EB 211
Teaching I  MTR  EB 205
SEC 514  Curriculum Theory & Practice  MTR  EB 155

5 weeks, 3 days a week • 6/29/81-7/31/81

**TIME: 0800-1050**

<table>
<thead>
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<th>Title</th>
<th>Days of Week</th>
<th>Room</th>
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<tr>
<td>SEC 520</td>
<td>Staff Supervision</td>
<td>MTR</td>
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<td>SEC 522</td>
<td>Supervision in Secondary School</td>
<td>MTR</td>
<td>LN 222</td>
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<td>SEC 530</td>
<td>Secondary School Curriculum</td>
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<td>EB 209</td>
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<td>SED 501</td>
<td>Learning &amp; Behavioral Problems of the Exceptional Child</td>
<td>MTR</td>
<td>EB 348</td>
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<tr>
<td>SPG 501</td>
<td>Intro. to Counseling &amp; Student Personnel Serv.</td>
<td>MTR</td>
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<td>Practicum in Counseling &amp; Testing</td>
<td>MTR</td>
<td>EB 205</td>
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<td>SPP 605</td>
<td>Disorders of Articulation</td>
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5 weeks, 3 days a week • 6/29/81-7/31/81

**TIME: 1100-13:50**

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<td>Finance &amp; Investments for Families</td>
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<td>CRJ 435</td>
<td>Criminal Justice: Research &amp; Planning</td>
<td>MTR</td>
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<td>ECE 360</td>
<td>Curriculum of Early Childhood Education</td>
<td>MTR</td>
<td>EB 201</td>
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<tr>
<td>EDF 400</td>
<td>Teacher in School &amp; Community</td>
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<td>EB 206</td>
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<td>ELM 341</td>
<td>Language Arts in the Elem. School</td>
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<td>EB 347</td>
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<td>ELM 530</td>
<td>Exploring Children's Literature: An Educator's Perspective</td>
<td>MTR</td>
<td>EB 203</td>
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<td>English I: Writing</td>
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<td>HH 264</td>
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<td>HED 555</td>
<td>Seminar in Aging Death &amp; Dying</td>
<td>MTR</td>
<td>NU 321</td>
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<td>American History from Reconstruction to 1960</td>
<td>MTR</td>
<td>EB 208</td>
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<td>Media Production Development</td>
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<td>EB 124</td>
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<td>Skills of Score Preparation</td>
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<td>Curriculum Theory &amp; Practice</td>
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<td>The Culturally Different Child</td>
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<td>Guidance &amp; Rehab. of Exceptional Children and Youth</td>
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<td>SOC 504</td>
<td>Community: Social Organizational Statistics</td>
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5 weeks, 3 days a week • 6/29/81-7/31/81

**TIME: 1400-1650**

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<td>EB 320 (1400-1550)</td>
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<td>Social Problems &amp; Education</td>
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<td>EB 349</td>
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<td>HIS 102</td>
<td>Western Civilization 1648 to Present</td>
<td>MTR</td>
<td>EB 209</td>
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<td>Techniques for Demonstration in Experience in Natural Science</td>
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<td>CH 111</td>
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<td>EB 411</td>
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<td>Curriculum &amp; Methods for Teaching Exceptional Learners</td>
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<td>AST 161</td>
<td>Descriptive Astronomy</td>
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<td>EDF 583</td>
<td>Practicum Urban School &amp; Community</td>
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<td>(6/29 only in classroom)</td>
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<td>Supervision in Elementary School</td>
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<td>GGR 505</td>
<td>Historical Geography of U.S.</td>
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<td>EB 206</td>
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<td>HIS 101</td>
<td>Western Civilization to 1648</td>
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<td>MUS 671</td>
<td>Advanced Conducting III</td>
<td>MTR</td>
<td>BR 129</td>
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<td>Diagnosis of Reading Difficulties</td>
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<td>Guidance &amp; Rehab. of Exceptional Children &amp; Youth</td>
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**5 weeks, 4 days • 6/29/81-7/31/81**

**TIME: 0845-1050**

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<tr>
<td>CRJ 415</td>
<td>Criminal Evidence</td>
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<td>NU 324 (0930-1315-6/29-7/16)</td>
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<td>EDF 555</td>
<td>Education of the Aging</td>
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<td>HH 105</td>
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<td>Short Story</td>
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<td>Anatomy &amp; Physiology II</td>
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<td>PSY 643</td>
<td>Measurement &amp; Evaluation</td>
<td>MTWR</td>
<td>HH 124</td>
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<td>SCT 100</td>
<td>Speech I</td>
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<td>Quantitative Disorders in Handicapped Children</td>
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<td>Skillman (0800-1200)</td>
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<td>Consultations Practicum III: Individual &amp; Group Behavior Processes</td>
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<td>Skillman (0800-1200)</td>
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**TIME: 1100-1305**

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<td>Intro. to Meteorology</td>
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<td>PSY 201</td>
<td>Educational Psychology</td>
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<td>HH 315</td>
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**5 weeks, 4 days • 6/29/81-7/31/81**

**TIME: 1400-1605**

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<td>EDF 600</td>
<td>Introduction to Research</td>
<td>MTWR</td>
<td>HH 253</td>
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### TIME: 1700-1905

- **EDF 300** | Dev. of Educational Thought | MTWR | HH 372
- **EDF 600** | Introduction to Research | MTWR | HH 374
- **IET 391** | Foundations of PAVE | MTWR | AR 73
- **PSY 331** | Abnormal Psychology | MTWR | HH 253

### TIME: 1930-2135

- **BIO 597** | Advanced Topics: Intro. to Toxicology | MTWR | CH 103
- **IET 393** | Contents & Methods of PAVE | MTWR | AR 73 (Voc. Ed. Majors only)
- **PSY 513** | Psychology of Learning | MTWR | HH 315
- **PSY 524** | Adolescent Dev. in Education | MTWR | HH 253

### SPECIAL SCHEDULING

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<tr>
<td>BIO 443</td>
<td>Intro. to Fresh-Water Algae</td>
<td>T 1930</td>
<td>CH 215</td>
<td>(1 time only—7/14/81; Field: 7/17,7/18,7/19)</td>
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<td>BIO 461</td>
<td>Coastal Plain Ecology</td>
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<td>CH 215</td>
<td>(1 time only—6/9/81; Field: 6/12,6/13,6/14)</td>
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<td>BUS 260</td>
<td>Accounting Principles I</td>
<td>MTWR</td>
<td>GR 219</td>
<td>(0845-1050-6/15-7/9)</td>
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<td>BUS 261</td>
<td>Accounting Principles II</td>
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<td>(0845-1050-7/13-8/6)</td>
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<td>BUS 332</td>
<td>Business Communications</td>
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<td>GR 219</td>
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<td>IET 466</td>
<td>Workshop in I.E.: Mohican Work Week</td>
<td>MTWRF</td>
<td>PA 103</td>
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<td>RE 3</td>
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<td>PED 337</td>
<td>Motorcycle Rider Course</td>
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<td>Advanced Topics: Stress Workshop</td>
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<td>(0900-1200-6/29-7/17)</td>
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<td>SAF 581</td>
<td>Teaching Adv. First Aid &amp; Safety</td>
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<td>(1230-1530-6/29-7/17)</td>
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<td>(1600-1900-6/29-7/17)</td>
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<td>SAF 586</td>
<td>Simulator &amp; Range Instruction</td>
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<td>Traffic Safety Workshop: Motorcycle Safety Instructor's Course</td>
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Directions to the College

From South Jersey:
College is on the left about 4 mile from the light.
Turn left at traffic light and continue to the traffic light.
Continue onto Whitemoor Road and continue to the traffic light.
Continue onto Whitemoor Road and take route 26. Take route 533.

From New Jersey and North Jersey:
Help with directions:
Traffic lights at key intersections near the college will

From Pennsylvania:

From the right:
Continue on Federal City Road, 1.3 miles until the traffic light.
Left turn onto Whitemoor Road and continue onto Whitemoor Road.
Continue onto Whitemoor Road and take route 26. Take route 533.

Follow route 26 until it intersects Rt. 31 at Whitemoor.
Continue along Rt. 31 until you reach the college. This is about 4 mile.
Continue onto Whitemoor Road and turn left at the traffic light.
Continue onto Whitemoor Road and turn left onto Route 26. Take route 533.

Follow route 533 to South and then follow Rt. 1 South.
Jersey Turnpike should exit at New Brunswick (Exit 9).

Follow the route to the college.

Follow route 1 1.6-1.296 to 95 (north and Pennsylvania) and
continue onto Whitemoor Road. 1.3 miles until the traffic light.
Left turn onto Whitemoor Road and continue onto Whitemoor Road.
Continue onto Whitemoor Road and take route 26. Take route 533.

Follow route 26 until it intersects Rt. 31 at Whitemoor.
Continue along Rt. 31 until you reach the college. This is about 4 mile.
Continue onto Whitemoor Road and turn left at the traffic light.
Continue onto Whitemoor Road and turn left onto Route 26. Take route 533.

Follow route 533 to South and then follow Rt. 1 South.
Jersey Turnpike should exit at New Brunswick (Exit 9).

Follow the route to the college.
### TABLE OF UNDERGRADUATE TUITION AND FEES*

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### TABLE OF GRADUATE TUITION AND FEES*

<table>
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<th>Total Credits Registered for &amp; Fee</th>
<th>In-State** Residents Pay Tuition &amp; Fee</th>
<th>Out-of-State Residents Pay Tuition &amp; Fee</th>
<th>These Fees are Included in the totals at left:</th>
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*Tuition and Fees are subject to change by action of New Jersey State Legislature.

**A student shall be classified as a "New Jersey Resident" for tuition purposes upon admission to a public institution of Higher Education in the State of New Jersey if the student or the parent(s) or guardian(s) upon whom the student is financially dependent, has been a bona fide domiciliary of the State of New Jersey for at least one year immediately prior thereto.