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 55 February 1986 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

TSC Summer Session Mission Statement
Summer Session at Trenton State College is designed to offer quality instruction in a variety of courses to both graduate and undergraduate students. Course offerings are planned to meet the general and specific needs of students. To meet these goals the summer session planning will include provision for guaranteed course offerings, a flexible schedule, the offering of courses which meet the broad liberal arts requirements, and the offering of courses which will meet the specialized needs of clearly defined publics. In so doing, the mission of the Summer Session will be firmly within the guidelines of the overall mission of the College.
Registering for 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. 68).
3. Check admission and registration requirements (See p. 35 for graduate courses, p. 5 for undergraduate courses).
4. Fill out the forms (on the back cover and registration form).
5. Either mail these forms to: The Division of Continuing Studies
   Trenton State College
   Hillwood Lakes CN 550
   Trenton, NJ 08625
   or: bring them to the Division of Continuing Studies
   109 Green Hall
   Trenton State College Campus
   Mon.-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.
# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Admission Requirements &amp; Procedures</td>
<td>37/6</td>
</tr>
<tr>
<td>Graduate</td>
<td>37</td>
</tr>
<tr>
<td>Undergraduate</td>
<td>6</td>
</tr>
<tr>
<td>Attendance Policy</td>
<td>57</td>
</tr>
<tr>
<td>Auditing Policy</td>
<td>57</td>
</tr>
<tr>
<td>Building Designation Code</td>
<td>68</td>
</tr>
<tr>
<td>Change of Schedule</td>
<td>60</td>
</tr>
<tr>
<td>College Store</td>
<td>65</td>
</tr>
<tr>
<td>Cooperative Education</td>
<td>8</td>
</tr>
<tr>
<td>Course Descriptions, Times, and Places</td>
<td>39/10</td>
</tr>
<tr>
<td>Graduate</td>
<td>39</td>
</tr>
<tr>
<td>Undergraduate</td>
<td>10</td>
</tr>
<tr>
<td>Course Numbering, Timetables</td>
<td>59</td>
</tr>
<tr>
<td>Credit Load</td>
<td>58</td>
</tr>
<tr>
<td>Day/Hour Schedule</td>
<td>68</td>
</tr>
<tr>
<td>Degree Programs</td>
<td>57/56</td>
</tr>
<tr>
<td>Graduate</td>
<td>57</td>
</tr>
<tr>
<td>Undergraduate</td>
<td>56</td>
</tr>
<tr>
<td>Directions to the College</td>
<td>87</td>
</tr>
<tr>
<td>Directory of Phone Numbers</td>
<td>3</td>
</tr>
<tr>
<td>Disabled Students</td>
<td>62</td>
</tr>
<tr>
<td>Fees</td>
<td>88</td>
</tr>
<tr>
<td>Food Services</td>
<td>64</td>
</tr>
<tr>
<td>Foreign Students</td>
<td>62</td>
</tr>
<tr>
<td>Grading</td>
<td>59</td>
</tr>
<tr>
<td>Graduating Students in</td>
<td></td>
</tr>
<tr>
<td>Summer 1986</td>
<td>58</td>
</tr>
<tr>
<td>Handicapped Students</td>
<td>62</td>
</tr>
<tr>
<td>Health Services</td>
<td>62</td>
</tr>
<tr>
<td>Housing</td>
<td>64</td>
</tr>
<tr>
<td>Library</td>
<td>65</td>
</tr>
<tr>
<td>Map of Campus</td>
<td>86</td>
</tr>
<tr>
<td>Parking</td>
<td>62</td>
</tr>
<tr>
<td>Recreation</td>
<td>65</td>
</tr>
<tr>
<td>Refunds and Withdrawals</td>
<td>60</td>
</tr>
<tr>
<td>Registration</td>
<td>2</td>
</tr>
<tr>
<td>Dates</td>
<td></td>
</tr>
<tr>
<td>Graduate</td>
<td>36</td>
</tr>
<tr>
<td>Undergraduate</td>
<td>7</td>
</tr>
<tr>
<td>Procedures</td>
<td></td>
</tr>
<tr>
<td>Graduate</td>
<td>36</td>
</tr>
<tr>
<td>Undergraduate</td>
<td>6</td>
</tr>
<tr>
<td>Forms</td>
<td>88</td>
</tr>
<tr>
<td>Special Services</td>
<td>12</td>
</tr>
<tr>
<td>Student Center</td>
<td>63</td>
</tr>
<tr>
<td>Textbook Store</td>
<td>65</td>
</tr>
<tr>
<td>Transcripts</td>
<td>58</td>
</tr>
<tr>
<td>Tuition and Fees</td>
<td>88</td>
</tr>
<tr>
<td>Veterans</td>
<td>62</td>
</tr>
<tr>
<td>Withdrawals and Refunds</td>
<td>60</td>
</tr>
</tbody>
</table>

# QUESTIONS?

<table>
<thead>
<tr>
<th>Department</th>
<th>Phone Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Admissions</td>
<td>771-2031</td>
</tr>
<tr>
<td>Advisement</td>
<td>771-2647</td>
</tr>
<tr>
<td>Bookstore, Textbook</td>
<td>771-8267</td>
</tr>
<tr>
<td>Bursar (Tuition)</td>
<td>771-2172</td>
</tr>
<tr>
<td>Certification of Teaching</td>
<td>771-2647</td>
</tr>
<tr>
<td>Childcare</td>
<td>771-3055</td>
</tr>
<tr>
<td>College Store</td>
<td>771-0163</td>
</tr>
<tr>
<td>Continuing Ed.</td>
<td>771-2255</td>
</tr>
<tr>
<td>Co-op. Ed.</td>
<td>771-2161</td>
</tr>
<tr>
<td>Dean of Student Life</td>
<td>771-2201</td>
</tr>
<tr>
<td>Disabled Students</td>
<td>771-2571</td>
</tr>
<tr>
<td>Graduate Study</td>
<td>771-2111</td>
</tr>
<tr>
<td>Health</td>
<td>771-2484</td>
</tr>
<tr>
<td>Housing</td>
<td>771-2301</td>
</tr>
<tr>
<td>Library</td>
<td>771-2311</td>
</tr>
<tr>
<td>Police, Campus</td>
<td>771-2167</td>
</tr>
<tr>
<td>Recreation Center</td>
<td>771-2190</td>
</tr>
<tr>
<td>Registrar</td>
<td>771-2141</td>
</tr>
<tr>
<td>Student Center</td>
<td>771-2331</td>
</tr>
<tr>
<td>Student Teaching</td>
<td>771-2408</td>
</tr>
<tr>
<td>Summer Session</td>
<td>771-2255</td>
</tr>
<tr>
<td>Transcripts</td>
<td>771-2143</td>
</tr>
<tr>
<td>Vehicle Registration</td>
<td>771-2461</td>
</tr>
<tr>
<td>Veterans</td>
<td>771-2571</td>
</tr>
<tr>
<td>Office for Women</td>
<td>771-2201</td>
</tr>
</tbody>
</table>

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

UNDERGRADUATE 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 1986;
4. high school graduates; and
5. holders of high school equivalency certificates.

*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 a transcript from the last school or college attended, and a letter verifying good standing and granting permission to enroll at Trenton State College.
   a. Students enrolling from another college—submit a transcript and letter granting permission to enroll at Trenton State College. Please note: Students attending Summer Session who are enrolled in other colleges must present a copy of their transcripts at the time of registration. Any student who does not have a copy of a current transcript at the time of registration will be advised that he/she may not continue his/her class(es) beyond one-third of the allotted class time. Trenton State College reserves the right to deny class enrollment to any student not meeting Trenton State College standards for retention.
   b. Students enrolling from high school—submit a transcript and letter granting permission to enroll at Trenton State College. Once admitted, high school students may take up to six credits during summer session.
3. Submit a $10.00 Application Fee (checks should be made payable to 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; provided they meet the college's requirements for admission.
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 14 and May 9. (Please note: Mail registration cannot be accepted beyond the postmark date of May 9)

1. Complete forms A and C.
2. Complete form B if not previously enrolled at Trenton State College. (A $10.00 Application Fee is required.)
3. Detach forms.
4. Enclose check or money order for Application Fee and for Tuition and Fees (payable to Trenton State College) with forms and mail to:
   Division of Continuing Studies
   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 19 and the deadline for the desired session:
1. Complete forms A, C and B if not previously enrolled at Trenton State College.
2. Complete form B if not previously enrolled at Trenton State College. (A $10.00 Application Fee is required.)
3. Detach forms.
4. Bring the completed forms and your check(s) or money order(s) (payable to Trenton State College) to:
   Division of Continuing Studies
   Room 109-Green Hall
   Trenton State College

Between the hours of 1:00-3:30 (Monday-Wednesday) and 5:00-8:00 (Thursday).

UNDERGRADUATE 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 14-May 9
Please note: Mail registration cannot be accepted beyond the postmark date of May 9.

IN-PERSON REGISTRATION
1:00-3:30 p.m. Monday through Wednesday
5:00-8:30 p.m. Thursday

For classes beginning on June 9
May 19-June 5
June 9
In-person registration
Late registration ($15.00 late registration fee)

For classes beginning on June 23
May 19-June 19
June 23, 24, 25
In-person registration.
Late registration ($15.00 late registration fee)
SUMMER CO-OPPORTUNITY

Salaries & Credits through Cooperative Education
Cooperative Education is a program that integrates the Trenton State College undergraduate 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). About 97 percent of all co-op positions are paying jobs.

WHAT DOES CO-OP OFFER A STUDENT?
• earn up to 6 credits per summer
• experiment with career possibilities
• apply classroom learning to practical job situations
• focus on career goals
• gain professional work experience
• develop contacts in your field
• earn a salary

WHO IS ELIGIBLE TO CO-OP?
To be eligible for co-op job, a Trenton State undergraduate student should:
• have completed two semesters of course work before a co-op job starts (at least 30 credits).
• be matriculated at Trenton State College, and have declared a major.
• have a minimum 2.0 G.P.A. and be in good academic standing.

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 $160.00 per week. About 97% of Trenton State co-op students work in paying jobs. The remaining choose to co-op in volunteer positions. The only fee required for co-op is the standard college registration fee for 3 or 6 academic credits.

HOW DO STUDENTS GET STARTED?
Stop by the Career Services Center, 207 Green Hall or telephone the center at (609) 771-2161/2401.

373/Cooperative Education I (part-time) 3 cr.
385/Cooperative Education I (full-time) 6 cr.
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.

379/Cooperative Education II (part-time) 3 cr.
399/Cooperative Education II (full-time) 6 cr.
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.

473/Cooperative Education III (part-time)  3 cr.
480/Cooperative Education III (full-time)  6 cr.
Specifically oriented to the academic major with recognition of career objectives. Taken only with permission of faculty coordinator. Credit applied to major.

NOTE: The following departments have one or more Cooperative Education courses with numbers that do not conform to those listed above: Art, History, Industrial Education, Industrial Engineering Technology, Electronic Engineering Technology, Mechanical Engineering Technology, Music and Physics.

For additional information about co-op, contact the Career Services Center, Trenton State College, Hillwood Lakes CN 550, Trenton, New Jersey 08625, (609) 771-2161/2401.
### African-American Studies

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AAS 499</td>
<td>Independent Study in African-American Studies</td>
<td>1-6 cr.</td>
<td>Research on a topic involving African, Afro-American and/or Caribbean life, culture and/or history under the supervision of faculty member in department of African-American Studies. Hours: TBA</td>
</tr>
</tbody>
</table>

- AAS 499A: Class #5001A 1 cr.  
- AAS 499B: Class #5003B 2 cr.  
- AAS 499C: Class #5005C 3 cr.  
- AAS 499D: Class #5007D 4 cr.  
- AAS 499E: Class #5009E 5 cr.  

Coordinator: Dickinson

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

### Art

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
</table>
| ART 101    | Foundations of Art                                | 3 cr.   | 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. Art majors take intensive work in drawing.  
  6/30-7/31 MTWR 0800-1000  
  HH 374  
  Class #5021  
  6/30-7/31 MTWR 1030-1230  
  HH 374  
  Class #5023 |

ART 105/Introduction to Art 3 cr.  
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.  
6/30-7/31 MTR 1340-1620  
FH 132  
Class #5025

ART 201/Printmaking 2 cr.  
(1 class hour and 3 studio hours)  
Prerequisites: ART 101 or 111, and 116. Printmaking through print production, making of etchings, aquatints, engravings, dry point etchings and collage prints.  

Emphasis on exploring experimental contemporary developments of these techniques.  
6/30-7/31 MTWR 1700-1900  
HH 434  
Instructor: Brooks  
Class #5027

ART 302/Advanced Printmaking 3 cr.  
(1 class hour, 3 studio hours, 2 hours by arrangement)  
Prerequisite: ART 201 or permission of instructor.  
During alternate semesters, specialization in one printmaking media: lithography, silk-screen, intaglio printing, relief printing, collage, etc. Emphasis on exploring an experimental contemporary application of these techniques. May be repeated.  
6/30-7/31 MTWR 1700-1900  
HH 434  
Instructor: Brooks  
Class #5028

ART 499/Independent Study 1-6 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 chair. For advanced work only.  
Individual, self-guided course of work and study for the advanced student under the supervision of a faculty advisor and/or committee. Opportunity to develop personal interests and strength within the major field. May be repeated.  
Hours: TBA  
ART 499A: Class #5029 1 cr.  
ART 499B: Class #5031 2 cr.  
ART 499C: Class #5033 3 cr.  
ART 499D: Class #5035 4 cr.  
ART 499E: Class #5037 5 cr.  
ART 499F: Class #5039 6 cr.  
Coordinator: Goldstein

ART/Cooperative Education 3,6 cr.  
(See COOPERATIVE EDUCATION for description.)
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.
6/30-7/31  MTR 1935-2215
CH 114  Instructor: Hiack
Class #5051

Biology

BIO 181, 182/Principles of Biology I, II 3,3 cr.
(2 class hours and 2 laboratory hours)
Restriction: not to be taken by biology majors without permission from the chair of the Biology Department.
Major principles of biology as they relate to humans are emphasized. Mankind's evolution, bodily organization, physiology, and relatedness to other life forms are highlighted in the first semester. During the second semester, the human organism, populations and ecosystems are stressed via focus on reproduction, genetics, behavior, interspecies relations and environmental quality.
BIO 181
6/16-7/10  MTWR 1730-2050
NU 321-1730  Instructor: Rockel
CH 201-1910
Class #5057
BIO 182
7/14-8/7  MTWR 1730-2050
NU 321-1730  Instructor: Rockel
CH 201-1910
Class #5059

BIO 183, 184/General Biology 4,4 cr.
I, II
(3 class hours and 3 laboratory hours)
For biology majors. Fundamentals of cellular and subcellular structures, tissues, genetics, metabolism, and organismal biology: morphology and physiological function in plants and animals.
BIO 183
6/16-7/10  MTWR 0815-1300
NU 323-0815  Instructor: Shevlin
CH 217-1045
Class #5061
BIO 184
7/14-8/7  MTWR 0800-1245
NU 323-0800  Instructor: Lipton
CH 217-1030
Class #5063

BIO 461/Coastal Plain Ecology 1 cr.
(5 class hours and 20 laboratory hours)
Prerequisite: BIO 261 or permission of instructor.
A course designed to acquaint the student with the ecology of one of the major land areas of N.J. Predominantly field studies but lectures and student seminars will be employed to investigate pine barrens, swamps, bogs, marsh, and barrier beach environments. Offered in the summer session only.
* This Course Is Not Covered by the Guarantee.
7/14 1900-2200  8/1, 2, 3-ALL DAY
CH 215  Instructor: Heck
Class #5067

BIO 462/Ecology of New Jersey's Highlands 1 cr.
(5 class hours and 20 laboratory hours)
Prerequisite: BIO 261 or permission of instructor.
A study of one of the oldest land areas in N.J. Emphasis is placed on studies of the valleys, slopes and ridge tops of the Appalachian Mts. in New Jersey. Offered in the summer session only.
* This Course Is Not Covered by the Guarantee.
6/23 1900-2200  6/27, 28, 29-ALL DAY
CH 215  Instructor: Heck
Class #5067

BIO 499/Independent Study in Biology 1-6 cr.
Student pursues an original research project under the direction of a supervising professor. Results and conclusions will be presented orally to faculty and students during a second semester seminar.
Hours: TBA
BIO 499A  Class #5069  1 cr.
BIO 499B  Class #5071  2 cr.
BIO 499C  Class #5073  3 cr.
BIO 499D  Class #5075  4 cr.
BIO 499E  Class #5077  5 cr.
BIO 499F  Class #5079  6 cr.
Coordinator: Klug

BIO/Cooperative Education 3,6 cr.
in Biology
(See COOPERATIVE EDUCATION for description.)
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.

The days and hours for the Consortium courses will be arranged. Please contact Dr. Albert Eble at (609) 771-2351 for registration information.

*NOTE: All courses are guaranteed to be offered; none will be cancelled.

- **Courses to be given at Sandy Hook**

  **BIO 132/Introduction to Marine Sciences (Oceanography)**
  4 cr.
  7/6-8/14
  Sandy Hook
  Class #5081

  **BIO 433/Intro. to Marine Biology**
  4 cr.
  7/7-8/13
  Sandy Hook
  Class #5083

  **BIO 463 Coastal Processes and Problems**
  4 cr.
  7/1-8/1
  Sandy Hook
  Instructor: Eble
  Class #5085

- **Courses to be given at Seaville**

  **BIO 132/Introduction to Marine Sciences (Oceanography)**
  4 cr.
  5/27-6/12
  MTWRFS 0800-1700
  Seaville
  Class #5095

  **BIO 433/Intro. to Marine Biology**
  4 cr.
  6/16-7/11
  MTWRF 0900-1700
  Seaville
  Class #5097

**BIO 463/Field Methods in the Marine Sciences**
4 cr.
BIO 463
5/27-6/12
MTWRFS 0800-1700
Seaville
Class #5099
Instructor: Eble

For special registration form contact the Division of Continuing Studies.

Marine Sciences Consortium at Seaville and Sandy Hook

Not Covered by Guarantee

- **Courses to be given at Sandy Hook**

  **Basic Scuba-NAU I**
  0 cr.
  MTWRFS 0900-1700
  7/21-7/27

  **BIO 499/Independent Study in Marine Sciences-Sandy Hook**
  1-4 cr.
  Hours: TBA
  BIO 499A Class #5087
  1 cr.
  BIO 499B Class #5089
  2 cr.
  BIO 499C Class #5091
  3 cr.
  BIO 499D Class #5093
  4 cr.
  Coordinator: Eble

- **Courses to be given at Seaville**

  **Basic Scuba-NAU I**
  0 cr.
  MTWRFS 0900-1700
  7/28-8/3

  **BIO 499/Independent Study in Marine Sciences-Seaville**
  1-4 cr.
  Hours: TBA
  BIO 499A Class #5100
  1 cr.
  BIO 499B Class #5101
  2 cr.
  BIO 499C Class #5103
  3 cr.
  BIO 499D Class #5105
  4 cr.
  Coordinator: Eble

For special registration form contact the Division of Continuing Studies.
## Chemistry

**CHM 201, 202/General** 4,4 cr.
**Chemistry I, II**
(3 class hours and 3 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 algebra is required.

**CHM 201**
6/16-7/10
 Lect: CR 101
   Lab: CH 316
   Class #5111
6/16-7/10
 Lect: CR 103
   Lab: CH 319
   Class #5113

**CHM 202**
7/14-8/7
 Lect: CR 101
   Lab: CH 316
   Class #5115
7/14-8/7
 Lect: CR 103
   Lab: CH 319
   Class #5117

**CHM 350/Fundamentals of Organic Chemistry** 3 cr.
Restriction: not applicable to chemistry major.
Prerequisite: CHM 202.
A study of the homologous series of organic compounds with special emphasis on clinical applications.
6/2-6/13
 MTWR 1700-2100
 CR 101
   Instructor: Dumas
   Class #5119

**CHM 351, 352/Organic** 5,5 cr.
**Chemistry I, II**
(3 class hours and 4 laboratory hours each semester)
Restriction: required for chemistry majors.
Prerequisite: CHM 202.
The chemistry of organic compounds with emphasis on reaction mechanisms. Theory and descriptive material on aliphatic, cyclic, aromatic and heterocyclic compounds.
**CHM 351**
6/9-7/11
 Lect: NU 108
   Lab: CH 339
   Class #5121

**CHM 352**
7/14-8/15
 Lect: NU 108
   Lab: CH 339
   Class #5123
   MTWR 0930-1320
   Instructor: Brand

**CHM 499/Independent Study in Chemistry** 3 to 6 cr.
(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 chair. (May be repeated for credit with approval of department chair.)

Hours: TBA
CHM 499C Class #5125 3 cr.
CHM 499D Class #5127 4 cr.
CHM 499E Class #5129 5 cr.
CHM 499F Class #5131 6 cr.
Coordinator: Dumas

**CHM/Cooperative Education in Chemistry** 3,6 cr.
(See COOPERATIVE EDUCATION for description.)
Communication & Theatre

CTH 100/Speech I: Fundamentals 3 cr.
of Public Speaking
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.
6/23-7/31 MTWR 0830-1010
BL 123 Instructor: McLeod
Class #5151

CTH 108/Performance Credit 1 cr.
(1 class hour)
Participation in theatre activity, inter-collegiate forensics, radio production (P/U grading). Permission of instructor required.
* This course Is Not Covered by the Guarantee.
All Sessions Instructor: McCullough
Hours: TBA
Class #5153

CTH 212/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.
6/9-6/20 MT WRF 0900-1200
FH 124 1300-1600
Class #5155 Instructor: Rogosky

CTH 242/Interpersonal Communication in Human Relations 3 cr.
Prerequisite: Speech I.
Nature and skills of interpersonal communication. Combines theory and practice; emphasizes uniqueness of interpersonal communication as opposed to communication in other settings.
6/30-7/31 MTWR 1245-1445
FH 256 & 257 Instructor: Sims
Class #5157

CTH 499/Independent Study in Communication and Theatre 1-6 cr.
Prerequisite: approval of department chair.
Individual study under faculty supervision. Work may be coordinated with participation in performance activities. May be arranged to fit semester or quarter schedules.
Hours: TBA
CTH 499A Class #5159 1 cr.
CTH 499B Class #5161 2 cr.
CTH 499C Class #5163 3 cr.

CTH 499D Class #5165 4 cr.
CTH 499E Class #5167 5 cr.
CTH 499F Class #5169 6 cr.
Coordinator: McCullough

CTH/Cooperative Education in Speech Communication and Theatre
(See COOPERATIVE EDUCATION for description.)

Computer Science

CSC 108/Elements of Computing 3 cr.
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.
6/23-7/31 MTR 0800-1015
HH 252 Instructor:
Class #5181
6/23-7/31 MTR 1700-1915
HH 252 Instructor: Staff
Class #5183

CSC 215/Introduction to Computer Science I 3 cr.
A first course in computer programming using a higher level 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 who have done extremely well in college level mathematics courses.
6/23-7/31 MTR 1030-1245
HH 252 Instructor: Staff
Class #5185
6/23-7/31 MTR 1930-2145
HH 252 Instructor: Staff
Class #5187

CSC 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.
Hours: TBA
CSC 499C Class #5189
Coordinator: Iannone
Criminal Justice

CRJ 100/Introduction to Criminal Justice

CRJ 215/Juvenile Delinquency

CRJ 415/Criminal Evidence
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. 6/30-7/31 MTR 0800-1040 BL 124 Instructor: Lengyel Class #5217

CRJ 425/Internship in Criminal Justice
By arrangement. May be repeated for credit.
Hours: TBA Coordinator: Nittoli Class #5215

CRJ 435/Criminal Justice Research and Planning
Prerequisite: CRJ 100.
Principles of research and planning in criminal justice. Analysis of the various methods of data collection. Comparative analysis of manual and computer systems for the interpretation and evaluation of criminal justice data. 6/30-7/31 MTR 1045-1325 BL 124 Instructor: Fenwick Class #5219

CRJ 499/Independent Study in Criminal Justice
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 advisor.
Hours: TBA
CRJ 499A Class #5221 1 cr.
CRJ 499B Class #5223 2 cr.
CRJ 499C Class #5225 3 cr.
CRJ 499D Class #5227 4 cr.
CRJ 499E Class #5229 5 cr.
CRJ 499F Class #5231 6 cr.
Coordinator: Lengyel

CRJ/Cooperative Education
3,6 cr. in Criminal Justice
(See COOPERATIVE EDUCATION for description.)

English

ENG 109/Composition II
Prerequisite: English 107.
Study and practice of major forms of writing, emphasizing the writing of a research paper. 6/30-7/31 MTWR 0800-1000 HH 316 Instructor: Brazell Class #5241

ENG 109
6/30-7/31 MTWR 1045-1325 HH 315 Instructor: Novick Class #5243

ENG 120/Experiencing Literature
Prerequisite: English 107.
An introduction to the various approaches and disciplines employed by professional literary critics and scholars to enhance their appreciation, understanding and evaluation of literary works. 6/30-7/31 MTWR 1030-1230 HH 304 Instructor: Brazell Class #5245

ENG 222/Short Story
Prerequisite: English 107.
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. 6/23-7/31 MTR 1030-1245 HH 372 Instructor: DeMeritt Class #5247
ENG 228/English Literature 3 cr.
to the Restoration
Prerequisite: English 107
Selected works of major English writers and their milieu, from the Anglo-Saxon Age to the Restoration period.
6/23-7/31 MTR 0800-1015
HH 304 Instructor: Erath
Class #5249

ENG 246/The Film 3 cr.
Prerequisite: English 107.
Background and development of the motion picture; film technique and aesthetics; film criticism.
6/30-7/31 MTR 0800-1040
HH 315 Instructor: Novick
Class #5251

ENG 345/Studies in Literature: 3 cr.
Social Values in Modern Religious Experience
Focuses on a different topic each semester; e.g., The Bible as Literature, Asian Literature, The Twenties, Dostoevsky, etc.
6/9-6/20 MTWR 1000-1200
Library 222 1300-1600
Class #5253 Instructor: Murphy

ENG 499/Independent Study 1-6 cr.
Prerequisite: junior standing.
Intensive study of a literary or linguistic problem chosen through consultation between student and instructor.
Hours: TBA
ENG 499A Class #5255 1 cr.
ENG 499B Class #5257 2 cr.
ENG 499C Class #5259 3 cr.
ENG 499D Class #5261 4 cr.
ENG 499E Class #5263 5 cr.
ENG 499F Class #5265 6 cr.
Coordinator: Diskin

ENG/Cooperative Education 3,6 cr.
in English
(See COOPERATIVE EDUCATION for description.)

Geoscience

GGR 111/Introduction to Physical Geography 3 cr.
Study and integration of disciplines which give general insight into the nature of man's environment. Basic principles of natural science selected to include varied environmental influences over the earth's surface.
6/30-7/31 MTWR 0800-1000
FH 223 Instructor: Hewitt
Class #5291

GOL 120/Introduction to Geology 3 cr.
An introductory course in the principles of geology. Topics will include earthquakes, glaciers, volcanoes, natural resources, the evolution of the earth and life.
6/9-6/20 MTWR 1000-1200
CH 139 1300-1500
Class #5305 Instructor: Goldstein

GOL 398/Selected Topics in Geology: Geology of New Jersey 3 cr.
A geological tour of New Jersey comparing and contrasting its 5 geologic provinces. The course will include map and cross-section analyses, museum trips and mineral and fossil-collecting field trips.

- This Course Is Not Covered by the Guarantee.

GOL 398
6/30-7/31 MTWR 1030-1230
CH 139 Instructor: Goldstein
Class #5307

GGR 499/Independent Study 1-6 cr.
Prerequisite: Approval of the department.
In-depth geographic study of a carefully defined area of interest selected by the student.
Hours: TBA
GGR 499A Class #5293 1 cr.
GGR 499B Class #5295 2 cr.
GGR 499C Class #5297 3 cr.
GGR 499D Class #5299 4 cr.
GGR 499E Class #5301 5 cr.
GGR 499F Class #5303 6 cr.
Coordinator: Hewitt

GOL 499/Independent Study 1-6 cr.
Prerequisite: permission of the instructor.
The student pursues an original research project under the direction of a supervising professor.
Hours: TBA
GOL 499A Class #5309 1 cr.
GOL 499B Class #5311 2 cr.
History

HIS 101/Western Civilization to 1648  3 cr.
   Political, social, economic and intellectual developments underlying western civilization from its beginning to the dawn of the Enlightenment.
   6/30-7/31 MTR 1340-1620
   FH 209 Instructor: Allen
   Class #5331

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.
   6/30-7/31 MTR 1645-1925
   FH 209 Instructor: Faughnan
   Class #5335

HIS 116/Introduction to U.S. History: Modern  3 cr.
   Chronological survey of major developments in American history beginning with reconstruction following the Civil War through the 1960's.
   6/30-7/31 MTR 0800-1040
   FH 205 Instructor: Ellis
   Class #5339

HIS 499/Independent Study in History  3 cr.
   (class hours by arrangement)
   Prerequisite: 12 hours in history completed with an overall G.P.A. of 3.00 and/or approval of instructor and department chair.
   An intensive study of a problem or area of history through consultation and a close working relationship between student and instructor.
   Hours: TBA
   6/30-7/31
   Class # 5341 Instructor: Karras

HIS/Cooperative Education in History  3,6 cr.
   (See COOPERATIVE EDUCATION for description.)
### Mathematics

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title and Notes</th>
</tr>
</thead>
</table>
| MAT 101/Foundations of Mathematics | 3 cr.  
Liberal studies course. Provides intuitive and formal experiences in development and appreciation of structural bases characteristics of mathematics. Topics from Logic, Sets, and Probability.  
6/23-7/31 MTWR 1025-1205  
HH 204 Instructor: Staff  
Class #5361  
6/23-7/31 MTWR 1915-2055  
HH 204 Instructor: Staff  
Class #5363 |
| MAT 104/Mathematics in the Liberal Arts | 3 cr.  
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.  
6/23-7/31 MTWR 0830-1010  
HH 204 Instructor: Staff  
Class #5365 |
| MAT 115/Statistics I | 3 cr.  
Liberal studies course. Introduction to descriptive statistics and statistical inference. Topics include: averages, variability, histograms, probability, normal distribution, hypothesis testing.  
6/23-7/31 MTWR 1025-1205  
HH 253 Instructor: Staff  
Class #5367  
6/23-7/31 MTWR 1715-1855  
HH 204 Instructor: Staff  
Class #5369 |
| MAT 120/Elementary Mathematical Analysis | 3 cr.  
Liberal studies course. Pre-calculus course for non-math majors. Fundamentals of algebra, trigonometry, and analytic geometry. Stress is on computational and problem-solving techniques.  
6/23-7/31 MTWR 1715-1855  
HH 253 Instructor: Staff  
Class #5371 |
| MAT 211/Introduction to Quantitative Analysis I | 3 cr.  
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.  
6/23-7/31 MTWR 1915-2055  
HH 253 Instructor: Staff  
Class #5373 |
| MAT 227, 228/Calculus I, II | 3,3 cr.  
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 227  
6/23-7/31 MTWR 0830-1010  
HH 253 Instructor: Staff  
Class #5375  
6/23-7/31 MTWR 1715-1855  
HH 124 Instructor: Staff  
Class #5377  
MAT 228  
6/23-7/31 MTWR 1915-2055  
HH 124 Instructor: Staff  
Class #5379 |
| MAT 495/Independent Study in Statistics | 3 cr.  
Pre requisite: 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.  
Hours: TBA  
Coordinator: Iannone  
Class #5381 |
| MAT 498/Independent Study in Mathematics | 3 cr.  
Pre requisite: by invitation only.  
The student will study independently an appropriate area. A departmental member will be assigned to advise the student.  
Hours: TBA  
Coordinator: Iannone  
Class #5383 |
| MAT/Cooperative Education in Mathematics | 3,6 cr.  
(See COOPERATIVE EDUCATION for description.) |
Music

MUS 150/Survey of Music 3 cr.
Liberal studies offering. Examination of periods, styles and outstanding musical personalities from the Renaissance to the contemporary scene. Non-music majors only.
6/30-7/31 MTR 1935-2215
BR 125 Instructor: LeBeau
Class #5401

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.
6/30-7/31 MTR 1340-1620
BR 125 Instructor: LeBeau
Class #5403

MUS 499/Independent Study 1,2,3 cr.
Prerequisite: permission of department chair.
In-depth study of a specific musical area selected through consultation between student and teacher.
Hours: TBA
MUS 499A Class #5405 1 cr.
MUS 499B Class #5407 2 cr.
MUS 499C Class #5409 3 cr.
Coordinator: Potter

MUS/Cooperative Education 3,6 cr.
(See COOPERATIVE EDUCATION for description.)

Physics

PHY 201, 202/General Physics 4,4 cr.
I, II
(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.
6/9-7/3
Lect: CH 111
Lab: CH 334
Class #5441
MTWR 0800-1210
Instructor: Fink
MTWR 1700-2110
Instructor: Moses

PHI 120/Introduction to Logic 3 cr.
Instruction in the basic principles and techniques of correct reasoning in ordinary life and the sciences. Analysis and evaluation of deductive arguments via formal and informal methods, detection of common fallacies, inductive and statistical reasoning.
6/23-7/31 MWR 0800-1015
HH 126 Instructor: Gold
Class #5423

PHI 499/Independent Study in Philosophy
Prerequisite: Permission of the department.
Independent study of a particular philosophical topic, in close consultation with a member of the department.
Hours: TBA
PHI 499A Class #5427 1 cr.
PHI 499B Class #5429 2 cr.
PHI 499C Class #5431 3 cr.

PHI/Cooperative Education 3,6 cr.
(See COOPERATIVE EDUCATION for description.)
**PHY 499/Independent Study 1-6 cr.**

*in Physics (Hours individually arranged)*

*Prerequisite:* permission of instructor.

Independent study in a selected area of physics, meteorology or astronomy through the use of scientific journals, source books and experimentation. This course may be repeated for credit if the topic is different.

Hours: TBA

<table>
<thead>
<tr>
<th>PHY 499A</th>
<th>Class #5449</th>
<th>1 cr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHY 499B</td>
<td>Class #5451</td>
<td>2 cr.</td>
</tr>
<tr>
<td>PHY 499C</td>
<td>Class #5453</td>
<td>3 cr.</td>
</tr>
<tr>
<td>PHY 499D</td>
<td>Class #5455</td>
<td>4 cr.</td>
</tr>
<tr>
<td>PHY 499E</td>
<td>Class #5457</td>
<td>5 cr.</td>
</tr>
<tr>
<td>PHY 499F</td>
<td>Class #5459</td>
<td>6 cr.</td>
</tr>
</tbody>
</table>

Coordinator: Hack

**PHY/Cooperative Education 3,6 cr.**

*in Physics (See COOPERATIVE EDUCATION for description).*

**Political Science**

**POL 110/American National Government** 3 cr.

The origins and development of representative government in the United States including constitutional and extra-constitutional factors influencing governmental structure, powers, functions, and procedures.

6/30-7/31 MTR 0800-1040
HH 254  
Instructor: Fair  
Class #5481

**POL 330/American Foreign Policy 3 cr.**

Formulation and execution of American foreign policy; influence of governmental agencies, private agencies, social factors and systemic conditions in the international community.

6/30-7/31 MTR 1045-1315
HH 254  
Instructor: Cheng  
Class #5483

**POL 398/Independent Study in Political Science** 1-6 cr.

*Prerequisite:* student proposals must be approved by the Political Science Department before registration.

Independent reading or research pursued under supervision of departmental advisor; project proposals may be presented by upper-level students who have completed six semester hours of 300-400 level Political Science courses.

Hours: TBA

<table>
<thead>
<tr>
<th>POL 398A</th>
<th>Class #5485</th>
<th>1 cr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL 398B</td>
<td>Class #5487</td>
<td>2 cr.</td>
</tr>
<tr>
<td>POL 398C</td>
<td>Class #5489</td>
<td>3 cr.</td>
</tr>
<tr>
<td>POL 398D</td>
<td>Class #5491</td>
<td>4 cr.</td>
</tr>
<tr>
<td>POL 398E</td>
<td>Class #5493</td>
<td>5 cr.</td>
</tr>
<tr>
<td>POL 398F</td>
<td>Class #5495</td>
<td>6 cr.</td>
</tr>
</tbody>
</table>

Coordinator: Sullivan

**POL 497/Internship in Public Affairs** 3-6 cr.

*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

<table>
<thead>
<tr>
<th>POL 497C</th>
<th>Class #5497</th>
<th>3 cr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL 497D</td>
<td>Class #5499</td>
<td>4 cr.</td>
</tr>
<tr>
<td>POL 497E</td>
<td>Class #5501</td>
<td>5 cr.</td>
</tr>
<tr>
<td>POL 497F</td>
<td>Class #5503</td>
<td>6 cr.</td>
</tr>
</tbody>
</table>

Coordinator: Koch

**POL/Cooperative Education 3,6 cr.**

*in Political Science (See COOPERATIVE EDUCATION for description).*

**Psychology**

**PSY 101/Introductory Psychology I** 3 cr.

Fundamental principles of psychology, stressing history and methodology, brain and behavior, principles of learning and perception, human development and personality, abnormal behavior and treatment.

6/23-7/31 MTWR 0830-1010  
FH 423  
Instructor: Saxton  
Class #5521

6/23-7/31 MTWR 1700-1900  
FH 407  
Instructor: Staff  
Class #5523

**PSY 102/Introductory Psychology II** 3 cr.

*Prerequisite:* PSY 101

Exploration and analysis of specific aspects of human functioning including cognitive processes, motivation, emotion, states of consciousness, individual differences and social behavior.

6/30-7/31 MTWR 1700-1900  
FH 407  
Instructor: Staff  
Class #5525
PSY 203/Statistics in Behavioral Science 3 cr.
(2 class hours and 2 laboratory hours)
Prerequisite: PSY 101, 102 or 201.
Elementary calculation and interpretation of standard statistical techniques. Parametric measures up to elementary analysis of variance, factorial design. Introduction to nonparametrics.
6/23/73-7/31 MTW 1300-1515
FH 424  Instructor: Gorczynski
Class #5527

PSY 222/Child Psychology 3 cr.
Prerequisite: PSY 101 or 102.
Psychological, physical and social development of children. Theories of development include learning dynamic and cognitive theories.
6/30-7/31 MTWR 1030-1230
FH 424  Instructor: Wren
Class #5529

PSY 224/Adolescent Psychology 3 cr.
Prerequisite: PSY 101 or 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.
6/30-7/31 MTWR 1915-2115
FH 407  Instructor: Howe
Class #5531

PSY 313/Learning, Memory and Motivation 3 cr.
The purpose of this course is to examine the fundamental principles of major learning theories, memory and attention, motivation, and their application to human life experiences.
6/30-7/31 MTW 1045-1325
FH 411  Instructor: Archer
Class #5533

PSY 316/Personality 3 cr.
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 organization.
6/30-7/31 MTW 1340-1620
FH 423  Instructor: Waterman
Class #5535

PSY 331/Introduction to Abnormal Psychology 3 cr.
Prerequisite: 6 s.h. of psychology.
Principal types of behavior pathology, including neurotic, psychotic and psychopathic disorders. Variables which theories and research indicate as important in the development of abnormal behavior.
6/23-7/31 MTWR 1025-1205
FH 423  Instructor: Saxton
Class #5537

PSY 333/Mental Health 3 cr.
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.
6/9-6/20 MTWRF 0930-1530
FH 423  Instructor: Hohmuth
Class #5539

PSY 499/Independent Study 1-6 cr.
in Psychology
Prerequisite: permission of instructor and department.
For advanced students. In-depth study of specific topic in psychology. Formal proposal must be submitted to department and approved before the student can register for independent study.
Hours: TBA
PSY 499A Class #5541 1 cr.
PSY 499B Class #5543 2 cr.
PSY 499C Class #5545 3 cr.
PSY 499D Class #5547 4 cr.
PSY 499E Class #5549 5 cr.
PSY 499F Class #5551 6 cr.
Coordinator: Sarafino

PSY/Cooperative 3,6 cr.
Education in Psychology
(See COOPERATIVE EDUCATION for description.)
Religion

**REL 151/Comparative Religion** 3 cr.
(3 class hours)
Comparison of major teachings of Hinduism, Buddhism, Zen Buddhism, Taoism, Confucianism, Judaism, Christianity and Islam. The Hindu Bhagavad Gita, Buddhist scriptures and/or other original sources will be read.
6/30-7/31 MWR 1340-1620
HH 315 Instructor: Clouser
Class #5425

**REL 497/Independent Study in Religion**
Prerequisite: Permission of the department.
Independent study of a particular topic in religion, in close consultation with a member of the department.
Hours: TBA
REL 497C Class #5433 3 cr.
Coordinator: Winston

Sociology/Anthropology/Social Work

**SOC 101/Introductory Sociology** 3 cr.
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.
6/23-7/31 MTR 1030-1245
BL 229 Instructor: Anderson
Class #5561
6/23-7/31 MTR 1700-1915
BL 229 Instructor: Staff
Class #5563

**SOC 402/Independent Study in Sociology** 1-6 cr.
Prerequisites: SOC 101 and permission of instructor and department.
For advanced students. In-depth study of specific topic in sociology. Formal proposal must be submitted to department and approved before the student can register for independent study.
Hours: TBA
SOC 402A Class #5565 1 cr.
SOC 402B Class #5567 2 cr.
SOC 402C Class #5569 3 cr.
SOC 402D Class #5571 4 cr.
SOC 402E Class #5573 5 cr.
SOC 402F Class #5575 6 cr.
Coordinator: Anderson
SOC/Cooperative Education 3,6 cr.
in Sociology
(See COOPERATIVE EDUCATION for description.)

Spanish

**SPA 101-102/Spanish for Beginners I and II**
3,3 cr.
(1 class hours)
An introduction to spoken and written Spanish, emphasizing the skills of reading, comprehension and writing.
SPA 101 6/2-6/19 MTWR 1715-2100
NU 108 Instructor: Murphy
HH 316 Class #5591

SPA 102 6/23-7/10 MTWR 1715-2100
HH 316 Class #5593

**SPA 499/Independent Study in Spanish** 1-6 cr.
Prerequisite: permission of instructor.
Study of a period, genre or problem in Spanish literature and civilization, selected following consultation between student and instructor.
Hours: TBA
SPA 499A Class #5595 1 cr.
SPA 499B Class #5597 2 cr.
SPA 499C Class #5599 3 cr.
SPA 499D Class #5601 4 cr.
SPA 499E Class #5603 5 cr.
SPA 499F Class #5605 6 cr.
Coordinator: Murphy
Accounting

ACC 260/Accounting Principles I 3 cr.
Basic course in financial accounting including study of the accounting cycle, classification and valuation of assets and periodic income measurement. Particular emphasis on the analysis of financial information from a user’s perspective.
6/9-7/3  MTWR 0800-1030
BR 125 6/9-6/12
BL 128 6/16-7/3
Instructor: Shiarappa
Class #5611

ACC 261/Accounting Principles II 3 cr.
Prerequisite: ACC 260 or 262
Cost-volume-profit analysis, cost systems, budgeting and performance evaluation for goal congruence, funds-flow statement, and statement analysis designed for the future manager and decision-maker.
7/7-7/31  MTWR 0800-1030
BL 128  Instructor: Staff
Class #5613

Business Administration

BUS 317/Legal Environment of Business 3 cr.
An examination of the legal environment and of the individual’s rights and responsibilities in his/her various roles in a free society. Particular emphasis will be placed on common law contracts as they relate to the individual’s relationships within the business community.
6/30-7/31 MTR 1935-2215
BL 125  Instructor: Staff
Class #5631

BUS 330/Business and Economic Statistics 3 cr.
Prerequisite: 6 semester hours of mathematics.
Basic tools and techniques of descriptive and inferential statistics especially as applied to business.
6/23-7/31 MTWR 1715-1855
BL 124  Instructor: Liu
Class #5633

BUS 497/Selected Topics in Business Computer Usage Skills
The following hands-on, application-oriented instruction modules offer students an opportunity to learn to use the microcomputer as a tool for problem solving and an aid in decision making in classes and on the job.

BUS 497A Topic: Introduction to Microcomputer and Its Operating System
- This Course Is Not Covered by the Guarantee.
6/3-6/7 MTWRF 0900-1200
BL 31  Instructor: Staff
Class #5637

BUS 497B Topic: Word Processing 1 cr.
- This Course Is Not Covered by the Guarantee.
6/10-6/14 MTWRF 0900-1200
BL 31  Instructor: Staff
Class #5639

BUS 497C Topic: Introduction to the Use of Spreadsheets 1 cr.
- This Course Is Not Covered by the Guarantee.
6/17-6/21 MTWRF 0900-1200
BL 31  Instructor: Staff
Class #5641

BUS 499/Independent Study 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 advisor. (Independent study activities may not be substituted for required courses in an individual's major program.)
Hours: TBA
BUS 499A Class #5643 1 cr.
BUS 499B Class #5644 2 cr.
BUS 499C Class #5645 3 cr.
BUS 499D Class #5646 4 cr.
BUS 499E Class #5647 5 cr.
BUS 499F Class #5648 6 cr.
Coordinator:

BUS/Cooperative Education 3,6 cr. in Business
(See COOPERATIVE EDUCATION for description.)
**Business Education and Administrative Office Management**

**BDE 210/Introduction to Business** 3 cr.
Basic survey course in business. Designed to equip the student with a fundamental understanding of modern business.

6/30-7/31 MTR 1340-1620
BL 125 Instructor: Shenker
Class #5621

**BDE 317/Microcomputer Software** 3 cr.
Applications for Business
Prerequisite: BUS 322
Introduces the student to the use of software programs for small desktop computers and word processors. Provides familiarity with varied software used for such business applications as accounting, finance, and word processing.

6/30-7/31 MTR 1045-1325
BL 125 Instructor: Sherrer
Class #5623

**Economics**

**ECO 150/Contemporary Economics** 3 cr.

Restriction: open to non-majors in economics and business only; may not be taken by those students who have completed ECO 201 or ECO 202.

An integration of the basic macroeconomic and microeconomic principles which provide the background for understanding contemporary economic problems.

6/9-6/26 MTWR 1025-1205
BR 128—6/9-6/12 1250-1430
BL 125—6/16-6/26
Class #5651 Instructor: Hall

**ECO 202/Principles of Economics: Micro** 3 cr.

An introduction to the analysis of price determination in product and resource markets under varying market structures within parameters set forth in a capitalistic system.

6/9-7/7 MTWR 1030-1300
BR 127—6/9-6/12 1250-1430
BL 129—6/16-6/26
Class #5653 Instructor: Breslin

**ECO 499/Independent Study** 1-6 cr.
In Economics
Prerequisite: Permission of the department.

Hours: TBA
ECO 499A Class #5654 1 cr
ECO 499B Class #5655 2 cr
ECO 499C Class #5656 3 cr
ECO 499D Class #5657 4 cr
ECO 499E Class #5658 5 cr
ECO 499F Class #5659 6 cr

**Management**

**MGT 310/Management Principles** 3 cr.

Prerequisite: junior standing.
The management functions of planning, organizing, controlling, and motivating as applicable to organizations in the public and private sector.

(Counts toward management minor; required for all business majors.)

6/9-7/3 MTWR 0800-1030
BR 129—6/9-6/12
BL 233—6/16-7/3
Class #5661 Instructor: Staff
MTR 1645-1925
BL 125
Class #5663 Instructor: Staff

**Marketing**

**MKT 345/Sales** 3 cr.

Prerequisite: MKT 340.
The sales function in a marketing organization; study and analysis of sales strategy and methods; techniques for effective selling; introduction to sales management.

6/9-7/3 MTWR 1045-1325
BR 129—6/9-6/12
BL 233—6/16-7/3
Class #5671 Instructor: Koenig
SCHOOL OF EDUCATION

Early Childhood Education

ECE 498/Independent Study 1-3 cr.
in Early Childhood Education
Prerequisite: departmental approval.
An in-depth independent study of an aspect of early childhood education chosen through consultation between the student and a faculty advisor.
Hours: TBA
ECE 498A Class #5681 1 cr.
ECE 498B Class #5683 2 cr.
ECE 498C Class #5685 3 cr.
Coordinator: Durkin

ECE/Cooperative Education 3,6 cr.
in Early Childhood Education
See COOPERATIVE EDUCATION for description.

Educational Field Experiences

SEC 491/Seminar in Supervised 6 cr.
Teaching: Secondary and Special Fields—Observation and Participation
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.
6/16-7/31 MTWRF 0830-1300
FH 206/7
Class #5701
FH 347
Instructor: Farber

Elementary Education

ELM 325/Teaching Science and Social Studies in the Elementary School (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.)
MTR 6/30-7/31
FH 347 1045-1325
Class #5751
Instructor: Staff

ELM 498/Independent Study in 1-3 cr.
Elementary Education
Prerequisite: departmental approval.
An independent study of an aspect of elementary education chosen through consultation between the student and a faculty advisor.
Hours: TBA
ELM 498A Class #5753 1 cr.
ELM 498B Class #5755 3 cr.
ELM 498C Class #5757 6 cr.
Coordinator: Durkin

ELM/Cooperative Education 3,6 cr.
in Elementary Education
See COOPERATIVE EDUCATION for description.

Educational Foundations

EDF 400/The Teacher in School 2 cr.
and Community*
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. Field trips may be required in quarter courses at student expense.
Prerequisite: departmental approval.
*Fulfills human and intercultural relations certification requirement.
6/30-7/31 MTR 1045-1325
FH 349
Instructor: Morrison
Class #5721

EDF 499/Independent Study in 1-6 cr.
Educational Foundations
Prerequisite: permission of major department chair.
Intensive study of a selected area chosen through consultation between student and instructor.
Hours: TBA
EDF 499A Class #5723 1 cr.
EDF 499B Class #5725 2 cr.
EDF 499C Class #5727 3 cr.
EDF 499D Class #5729 4 cr.
EDF 499E Class #5731 5 cr.
EDF 499F Class #5733 6 cr.
Coordinator: Carroll

FH 347

FH 226

Health Education

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.
6/9-6/20  MTWR 1700-1940
PA 103  Instructor: McCorkle
Class #5781
6/30-7/31  MTR 0800-0945
PA 103  Instructor: Chilikos
Class #5783

HED 356/Foundations of Sex  3 cr.
Education
6/30-7/31  MTR 1045-1325
FH 101  Instructor: Brown
Class #5785

HED 358/Perspectives on Aging,  3 cr.
Death and Dying
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.
6/30-7/31  MTR 0800-1040
FH 204  Instructor: Herzstein
Class #5787

HED 390/Curriculum and Methods in Health Education
Development and implementation of the health curriculum and its place in the total school program K through 12. Development of instructional units and lesson plans for health instruction.

- This course is Not Covered by the Guarantee.
6/30-7/31  MTR 0800-1040
FH 201  Instructor: Fassbender
Class #5789

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.
- This Course Is Not Covered by the Guarantee.
6/23-7/18  MTWR 1700-1930
FH 204  Instructor: Herzstein
Class #5791

HED 499/Independent Study  1-6 cr.
in Health
Prerequisite: approval by department; for advanced students
In-depth study of a carefully defined area of health.
Hours: TBA
HED 499A  Class #5792  1 cr.
HED 499B  Class #5793  2 cr.
HED 499C  Class #5794  3 cr.
HED 499D  Class #5795  4 cr.
HED 499E  Class #5796  5 cr.
HED 499F  Class #5797  6 cr.
Coordinator: Wright

HED/Cooperative Education  3,6 cr.
in Health
(See COOPERATIVE EDUCATION for description.)

Physical Education

PED 131/Golf  1 cr.
Development of golfing skills, plus knowledge of basic rules and etiquette. Field trips may be required at student expense.
6/9-6/20  MTWR 1530-1800
PA 104  Instructor: Oshel
Gym II
Class #5801

PED 201/Aquatics I  1 cr.
Prerequisite: Aquatics Screening Test.
6/9-6/20  MTWR 2000-2200
Pool  Instructor: McCorkle
Class #5803

PED 203-204/Human Anatomy and Physiology
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 pro-
essions of health and physical education.

NOTE: This course is not intended for nursing majors.

PED 203
6/2-6/19
PA 101
Class #5805
Instructor: Schmid

PED 204
6/23-7/10
PA 101
Class #5807
Instructor: Schmid

PED 301/Kinesiology 3 cr.
Prerequisite: PED 203, 204.
Scientific principles of mechanics as they relate to motor skills. Individual projects and independent research will be stressed in laboratory sessions.
6/30-7/31
MTR 1645-1925
PA 101
Instructor: Chilakos
Class #5809

PED 499A-F/Independent Study 1-6 cr.
in Physical Education
Prerequisite: Approval of topic by department.
For advanced student; in-depth study of a carefully defined area of physical education.
Hours: TBA
PED 499A Class #5813 1 cr.
PED 499B Class #5815 2 cr.
PED 499C Class #5817 3 cr.
PED 499D Class #5819 4 cr.
PED 499E Class #5821 5 cr.
PED 499F Class #5823 6 cr.
Coordinator: Wright

PED/Cooperative Education 3.6 cr.
in Physical Education
(See COOPERATIVE EDUCATION for description.)

Reading

RDG 323/Teaching Reading 3 cr.
in the Elementary Grades
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.)
6/30-7/31
MTR 0800-1040
FH 347
Instructor: Staff
Class #5831

RDG 327/Teaching Reading 3 cr.
in Middle through Senior High School
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.
6/30-7/31
MTR 0800-1040
FH 320
Instructor: Staff
Class #5833

RDG 421/Diagnosis of Reading 3 cr.
Difficulties
Prerequisites: RDG 305 or 315, 323, 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.
6/30-7/31
MTR 1045-1325
FH 349
Instructor: Staff
Class #5835

Recreation

REC 395/Fieldwork 3 cr.
Experiences in Recreation
(6 laboratory hours)
Prerequisites: junior standing, major in recreation.
Observation and limited participation as a paraprofessional in local recreation programs. Emphasis on assuming line positions in the program in order to conduct specific activities.
Hours: TBA
Class #5841
Instructor: Oshel

REC 493/Internship in Recreation 12 cr.
Prerequisites: senior standing, major in recreation.
Full semester of internship during the senior year with approved professionals in selected recreation programs. Direct supervision by professionals 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
Class #5843
Instructor: Oshel
### Special Education

**SED 415/Practicum II**  
6 cr.  
(Field experience each morning, weekly seminar)  
Prerequisite: SED 302, SED 311, and departmental approval.  
Practicum in observation and participation with different types and age levels of handicapped children. Observe the developmental behavior and learning problems of children with various handicaps, appropriate instructional methods and materials used by cooperating teachers, demonstration lessons by college supervisors, participate as teacher assistant. Field experiences are required at student expense.  
Hours: TBA  
Class #5881  
Instructor: Riley

**SED 476/Honors Independent Study**  
1-6 cr.  
Hours: TBA  
SED 476A Class #5883 1 cr.  
SED 476B Class #5885 2 cr.  
SED 476C Class #5887 3 cr.  
SED 476D Class #5889 4 cr.  
SED 476E Class #5891 5 cr.  
SED 476F Class #5893 6 cr.  
Coordinator: Alpaugh

**SED 499/Independent Study**  
1-6 cr.  
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  
SED 499A Class #5895 1 cr.  
SED 499B Class #5897 2 cr.  
SED 499C Class #5899 3 cr.  
SED 499D Class #5901 4 cr.  
SED 499E Class #5903 5 cr.  
SED 499F Class #5905 6 cr.  
Coordinator: Alpaugh

**SED/Cooperative Education in Special Education**  
3.6 cr.  
(See COOPERATIVE EDUCATION for description.)
Speech Pathology and Audiology

SPP 311/Language and Speech Development 3 cr.
Prerequisites: SPP 305, 308.
An interdisciplinary investigation of the nature of normal language and speech development.
6/30-7/31 MTR 1045-1325
FH 130 Instructor: Strassman
Class #5921

SPP 380/Instructional Methods in Education of the Hearing Impaired 3 cr.
Prerequisite: senior standing, SPP 340.
Nature of curriculum and instruction in schools and classes for the hearing impaired. Methods and materials, resources and projects designed for teaching deaf students.
6/30-7/31 MTR 1340-1620
FH 130 Instructor: Strassman
Class #5923

SPP 490/Student Teaching Clinical Practice I 4 cr.
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
FH 130 Coordinator: Hornyak
Class #5925

SPP 491/Student Teaching Clinical Practice II 4 cr.
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
FH 142 Coordinator: Hornyak
Class #5927

SPP 498/Senior Studies in Speech, Pathology, Audiology, and Education of the Hearing Impaired 1-3 cr.
Prerequisites: major in speech pathology and audiology or education of the hearing impaired; senior standing.
Individual study, under faculty supervision, enabling students to engage in intensive investigation of an area of major specialization using research procedures.
Hours: TBA
FH 174 Instructor: Schwartz
SPP 498A Class #5928 1 cr.
SPP 498B Class #5929 2 cr.
SPP 498C Class #5930 3 cr.

SPP/Cooperative Education in Speech Pathology 3,6 cr.
(See COOPERATIVE EDUCATION for description.)

SCHOOL OF NURSING

NUR 404/Elements of the Research Process 2 cr.
A Basis for the Practice of Professional Nursing
Prerequisites: NUR 402, 422, MAT 115
An introduction to the elements, process and evaluation of research as a scientific base of knowledge fundamental to the practice of nursing.
6/9-6/27 MW 1700-2200
NUR 404 Class #5931 Instructor: Porter

NUR 406/Issues in Contemporary Nursing 3 cr.
Open to majors and non-majors.
Prerequisite for majors: NUR 403 or NUR 423.
A consideration of nursing as a social institution in historical perspective. Contemporary trends related to political, social, cultural, technological and educational developments.
5/27-6/24 MR 1700-2200
NUR 406 Class #5933 Instructor: Porter
## Electronics Engineering Technology

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EET 489/Senior Project I</td>
<td>2 cr.</td>
<td>(1 class hour and 2 laboratory hours) Prerequisite: Senior standing.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Focusing of students' previous experience upon specific technical projects.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Library research, design, cost analysis, construction and testing. Students</td>
</tr>
<tr>
<td></td>
<td></td>
<td>work with faculty advisor, discuss other students' projects through class</td>
</tr>
<tr>
<td></td>
<td></td>
<td>meetings. 6/2-8/29 Hours: TBA AR 54 Instructor: Katz Class #5941</td>
</tr>
<tr>
<td>EET 490/Senior Project II</td>
<td>2 cr.</td>
<td>(1 class hour and 2 laboratory hours) Prerequisite: Senior standing.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Focusing of students' previous experience upon specific technical projects.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Library research, design, cost analysis, construction and testing. Students</td>
</tr>
<tr>
<td></td>
<td></td>
<td>work with faculty advisor, discuss other students' projects through class</td>
</tr>
<tr>
<td></td>
<td></td>
<td>meetings. 6/2-8/29 Hours: TBA AR 54 Instructor: Katz Class #5943</td>
</tr>
<tr>
<td>EET 497/Independent Study</td>
<td>1-6 cr.</td>
<td>Prerequisites: permission of instructor and dean of School Of Technology.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>For advanced students wishing to pursue a special area of interest. Topic</td>
</tr>
<tr>
<td></td>
<td></td>
<td>developed in consultation with a faculty advisor. Hours: TBA.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>EET 497A Class #5945 1 cr. EET 497B Class #5947 2 cr. EET 497C Class</td>
</tr>
<tr>
<td></td>
<td></td>
<td>#5949 3 cr. EET 497D Class #5951 4 cr. EET 497E Class #5953 5 cr. EET</td>
</tr>
<tr>
<td></td>
<td></td>
<td>497F Class #5955 6 cr. Coordinator: Thrower</td>
</tr>
<tr>
<td>EET/Cooperative Education</td>
<td>3.6 cr.</td>
<td>in Electronics Engineering Technology (See COOPERATIVE EDUCATION for</td>
</tr>
<tr>
<td></td>
<td></td>
<td>description.)</td>
</tr>
</tbody>
</table>

## Industrial Education

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>IED 466D/Mohican Work Week</td>
<td>1 cr.</td>
<td>Learn about house construction and home maintenance via “hands on” approach at</td>
</tr>
<tr>
<td></td>
<td></td>
<td>the Mohican Outdoor Research Center. Students will be involved in a variety of</td>
</tr>
<tr>
<td></td>
<td></td>
<td>construction projects such as plumbing, roofing, framing and interior paneling.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Meals and lodging at MORC, located in Blairstown, New Jersey, will be provided</td>
</tr>
<tr>
<td></td>
<td></td>
<td>free of charge. Contact: Dr. Robert Weber. Hours: TBA Class #5961 Coordinator:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Weber</td>
</tr>
<tr>
<td>IET 466/Workshop in Industrial Engineering Technology</td>
<td>3 cr.</td>
<td>Topic: Computer Aided Design  Prerequisites: recommendation of faculty advisor, approval of department chair. Advanced course dealing with topics in industrial engineering technology, laboratory and theoretical study. 6/23-7/11 MTWR 1200-1700 AR27 Instructor: Hess Class #5967</td>
</tr>
<tr>
<td>IET 497/Independent Study</td>
<td>1-4 cr.</td>
<td>Prerequisites: permission of instructor and dean. For advanced students wishing to pursue a special area of interest. Topic developed in consultation with faculty advisor. Hours: TBA 6/23-7/31 IET 497A Class #5968 1 cr. IET 497B Class #5969 2 cr. IET 497C Class #5970 3 cr. IET 497D Class #5971 4 cr. Coordinator: Thrower</td>
</tr>
<tr>
<td>IET/Cooperative Education</td>
<td>3.6 cr.</td>
<td>in Industrial Education Technology (See COOPERATIVE EDUCATION for description.)</td>
</tr>
</tbody>
</table>
Mechanical Engineering Technology

MET 284/Thermodynamics 3 cr.  
(2 class hours and 3 laboratory hours)  
Prerequisites: PHY 202, MAT 228  
6/23-7/31  
Class #5973  
Instructor: Miller

MET 489/Senior Project I 2 cr.  
(1 class hour and 2 laboratory hours)  
Prerequisite: junior standing.  
Analysis or synthesis of a technical problem, under faculty advisor supervision. Problem topic is chosen by student with approval of advisor. Project will require elements of library research, design, fabrication, test and cost analysis.  
6/1-8/31  
Hours: TBA  
Class #5974  
Instructor: Shelley

MET 490/Senior Project II 2 cr.  
(1 class hour and 2 laboratory hours)  
Prerequisite: MET 489 and senior standing.  
Completion of project started in MET 489, and preparation of formal report on project.  
6/1-8/31  
Hours: TBA  
Class #5975  
Instructor: Shelley

MET 497/Independent Study 1-4 cr.  
Prerequisites: permission of instructor and dean.  
For advanced students wishing to pursue a special area of interest. Topic developed in consultation with a faculty advisor.  
6/23-7/31  
Hours: TBA  
MET 497A Class #5976 1 cr.  
MET 497B Class #5977 2 cr.  
MET 497C Class #5978 3 cr.  
MET 497D Class #5979 4 cr.  
Coordinator: Thrower

MET/Cooperative Education 3,6 cr.  
in Mechanical Engineering Technology  
(See COOPERATIVE EDUCATION for description.)

Technology Education

TED 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 basic descriptive geometry, axonometric drawings, developments and intersections. Basic dimensioning and reproduction of working drawings.  
6/23-7/31  
Class #5981  
Instructor: Laws

TED 312/Machine Drawing 3 cr.  
(2 class hours and 3 laboratory hours)  
Prerequisite: TED 111.  
6/23-7/31  
Class #5982  
Instructor: Laws

TED 466/Workshop in Technology 1 cr.  
Engineering (Technology Curriculum)  
Prerequisites: Recommendation of faculty advisor, approval of department chairperson.  
Advanced course dealing with technical experiences in industrial engineering technology, laboratory and theoretical study.  
* This Course Is Not Covered by the Guarantee.  
6/23-6/27  
Class #5983  
Instructor: Weber

TED 497/Independent Study 1-6 cr.  
Prerequisites: permission of instructor and dean.  
For advanced students wishing to pursue a special area of interest. Topic developed in consultation with a faculty advisor.  
6/23-7/31  
Hours: TBA  
TED 497A Class #5984 1 cr.  
TED 497B Class #5985 2 cr.  
TED 497C Class #5986 3 cr.  
TED 497D Class #5987 4 cr.  
TED 497E Class #5988 5 cr.  
TED 497F Class #5989 6 cr.  
Coordinator: Weber

TED/Cooperative Education 3, 6 cr.  
in Technology Education  
(See COOPERATIVE EDUCATION for description.)
## Vocational Education Technology

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>VOC 391</td>
<td>Foundations of Vocational Education</td>
<td>3 cr.</td>
</tr>
<tr>
<td>VOC 393</td>
<td>Managing Learning in Vocational Education</td>
<td>3 cr.</td>
</tr>
<tr>
<td>VOC 466</td>
<td>Workshop in Vocational Education</td>
<td>1 cr.</td>
</tr>
<tr>
<td>VOC 497</td>
<td>Independent Study in Vocational Education</td>
<td>1-2 cr.</td>
</tr>
</tbody>
</table>

### VOC 391/Foundations of Vocational Education
Review of the sociological, philosophical and psychological foundations of vocational education with specific focus on its historical roots, present goals, values and contributions. An overview of the American Educational system and how vocational education fits into the scenario. A review of vocational programs, students, facilities and responsibilities of teachers.

**Schedule:**
- 6/30-7/31 MTWR 1700-1900
- AR 73 Instructor: Alexander
- Class #5991

### VOC 393/Managing Learning in Vocational Education
**Prerequisite:** VOC 391
Identification and selection of teaching strategies, techniques and behaviors which facilitate learning. Emphasis on lesson planning, developing behavioral objectives, evaluation, safety and the effects of group processes on the learning environment. Specific focus on classroom climate, verbal and nonverbal communication, transactional analysis, leadership development and interaction analysis procedures.

**Schedule:**
- 6/30-7/31 MTWR 1915-2115
- AR 73 Instructor: Alexander
- Class #5992

### VOC 466/Workshop in Vocational Education
**Prerequisites:** Recommendation of faculty advisor, approval of department chair
Advanced course dealing with technical experiences in vocational education, laboratory and theoretical study. Designed to increase effectiveness as a teacher of vocational education by providing experiences in specialized areas made necessary by changes in technology.

**Hours:** TBA
- Class #5993
- Coordinator: Alexander

### VOC 497/Independent Study in Vocational Education
**Prerequisites:** Permission of the dean
For advanced students wishing to pursue a special area of interest. Topic developed in consultation with a faculty advisor.

**Hours:** TBA
- VOC 497A Class #5994 1 cr.
- VOC 497B Class #5995 2 cr.
- Coordinator: Alexander

## Vocational Education Summer Institute

An in-service institute for vocational teachers and coordinators to upgrade technical competency in such areas as CAD-CAM, Robotics, CIM, Computers, Vocational assessment, computerized automotive systems and other professional skills needed by instructors.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>VOC 391</td>
<td>Foundations of Vocational Education</td>
<td>3 cr.</td>
</tr>
<tr>
<td>VOC 393</td>
<td>Managing Learning in Vocational Education</td>
<td>3 cr.</td>
</tr>
<tr>
<td>VOC 466</td>
<td>Workshop in Vocational Education</td>
<td>1 cr.</td>
</tr>
<tr>
<td>VOC 497</td>
<td>Independent Study in Vocational Education</td>
<td>1-2 cr.</td>
</tr>
</tbody>
</table>
GRADUATE ADMISSION REGISTRATION INFORMATION

GRADUATE COURSE OFFERINGS
GRADUATE REGISTRATION

For those people already enrolled in a Graduate Division:

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

2. Detach forms.

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

   In-person registration for those people not yet enrolled in a Graduate program will be held in the office of the Division of Continuing Studies, Room 109, Green Hall, beginning on May 19 Monday through Wednesday 1:00-3:30 p.m. and Thursday 5:00-8:00 p.m.

   Graduate students not enrolled in a Graduate program should follow graduate admission procedure on the following pages.

GRADUATE 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 14-May 9

Please note: Mail registration cannot be accepted beyond the postmark date of May 9.

IN-PERSON REGISTRATION
1:00-3:30 p.m. Monday through Wednesday
5:00-8:00 p.m. Thursday

For classes beginning on June 9
May 19-June 5
June 9

In-person registration.
Late registration ($15.00 late registration fee)

For classes beginning on June 23
May 19-June 19
June 23, 24, 25

In-person registration.
Late registration ($15.00 late registration fee)

For classes beginning on June 30
May 19-June 26
June 30, July 1

In-person registration.
Late registration ($15.00 late registration fee)

FINAL DAY FOR REGISTERING FOR INDEPENDENT STUDY IS JULY 1.
ADMISSION TO GRADUATE STUDIES
ACADEMIC REQUIREMENTS

In order to complete a graduate degree program or a non-degree program, the applicant must apply for admission and become matriculated into a formal program of study.

The prospective student is required to submit a completed application, official transcripts, test scores from the required nationally standardized test identified by the specific program, and a $10 non-refundable check or money order payable to Trenton State College.

The Office of Admissions will transmit the applicant's completed file to the Admissions Committee of the appropriate department. That committee will review the documents and render an admission decision. Applicants will be notified of the decision by the Dean of Admissions and Records.

Pre-Matriculated Students
A student who is required to complete specified preparatory study will be informed of the prerequisites which must be completed within a two year period. Upon completion of all requirements, the applicant will be eligible to file for matriculated status.

Special-Admission Students
There are a number of graduate students who wish to pursue study for reasons of professional or personal growth. They are not seeking to complete a program. These students will be required to sign a statement indicating their intent to enroll in courses as Special-Admission students at the time of application.

Before registration for classes, a Special-Admission student must complete an admission application and submit an official transcript showing a bachelor's degree from an accredited college or university in the United States, or proof of equivalent preparation at a foreign university. A minimum cumulative undergraduate average of 2.75 (on a 4 point scale), or a minimum undergraduate average of 3.0 in the undergraduate major is required for admission.

After a review of the completed student's file, the Dean of Admissions and Records will transmit a letter of decision to the applicant.

A student in the Special-Admission classification may enroll in graduate courses during registration and is required to obtain a signature from a faculty member in the department offering the course(s). The student must provide proof that all prerequisites have been met.

Students from Foreign Countries
Students from countries in which English is not the native language must submit the results of the Test of English as a Foreign Language as part of the matriculation application.

Information on the Graduate Record Examination and the Test of English as a Foreign Language is available in the Registrar's Office at Trenton State College and also directly from Educational Testing Service, Princeton, NJ 08541.
PROCEDURES FOR ADMISSION TO THE
GRADUATE DIVISION

1. Students intending to enroll into a graduate degree or non-degree program 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;
   c. submit test scores from the required nationally standardized test identified
      by the specific program;
   d. complete Application for Graduate Admission;
   e. 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; and
   f. pay a non-refundable application fee of $10. (Make checks payable to Tren- 
      ton State College.)

2. Students not intending to enroll into a graduate program at Trenton State College 
   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 Application for Graduate Admission as a special admission stu-
      dent. It is imperative that the information be complete and accurate;
   c. include an official transcript of the undergraduate record with the admission
      application; and
   d. pay a non-refundable application fee of $10. (Make checks payable to Tren-
      ton State College.)

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 Admissions Office Rm. 105 in Green Hall, phone 
(609) 771-2131.
ART 597/Advanced Topics 6 cr.
A study of ritual, its concepts, origins, art forms and practices as it appears in a variety of cultures, past and present.
* This Course Is Not Covered by the Guarantee.
6/30-7/31
Hours: TBA
Coordinator: Goldstein

BIO 593A/Coastal Plain Ecology 1 cr.
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.
* This Course Is Not Covered by the Guarantee.
7/14 1900-2200
CH 215 Instructor: Heck
Class #8007

BIO 593B/Ecology of New Jersey's Highlands 1 cr.
A study of one of the oldest land areas of New Jersey. Emphasis is placed on field investigations of the ecology of the valleys and ridges of Appalachian New Jersey.
* This Course Is Not Covered by the Guarantee.
6/23 1900-2200
CH 215 Instructor: Heck
Class #8009

BIO 597/Independent Study in 1-3 cr.

Biology

In-depth exploration of a topic within a specific area of the discipline involving supervised reading, research, and regular conferences with the faculty advisor.
Hours: TBA
BIO 697A Class #8011 1 cr.
BIO 697B Class #8013 2 cr.
BIO 697C Class #8015 3 cr.
Coordinator: Shevlin

BIO 698/Departmental Project in Science Education (Biological Science)
Prerequisite: Open only to matriculated graduate students with a concentration in biological sciences.
An independent study of an aspect of science education of interest to the student that is explored under faculty guidance.
Hours: TBA
Class #8017
Coordinator: Shevlin

BIO 699/The thesis/Creative 6 cr.
Project in Science Education (Biological Science)
Prerequisite: Open only to matriculated students with a concentration in biological sciences.
An original research or creative study under the guidance of a thesis committee approved by the graduate supervisor.
Hours: TBA
Class #8019
Coordinator: Shevlin
English

ENG 550/Seminar in Poetry 3 cr.
The study and analysis of representative poems and poets to develop understanding, appreciation and mature assessment of poetic theory and practice.
6/30-7/31 MTWR 1030-1230
HH 316 Instructor: Brown
Class #8027

ENG 697/Independent Study in English 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 advisor.
Hours: TBA
ENG 697A Class #8028 1 cr.
ENG 697B Class #8029 2 cr.
ENG 697C Class #8030 3 cr.
Coordinator: Diskin

ENG 698/Department Project in English 3 cr.
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 program.
Hours: TBA
ENG 699/Theesis/Creative Project 6 cr.
An original research of creative study under the guidance of a thesis committee approved by the graduate supervisor. Open only to students matriculated in the English program.
Hours: TBA
Class #8031
Coordinator: Diskin

GGR 597/Advanced Topics in Geology. Topic: Geology of New Jersey 3 cr.
A geological tour of New Jersey comparing and contrasting its 5 geologic provinces. The course will include map and cross-section analyses, museum trips and mineral and fossil collecting field trips.
• This Course Is Not Covered by the Guarantee.
6/30-7/31 MTWR 1030-1230
CH 139 Instructor: Goldstein
Class #8033

History

HIS 697/Independent Study in History 3 cr.
In-depth exploration of a topic within a specific area of the discipline involving supervised reading, researching and regular conferences with the faculty advisor.
6/30-7/31 Hours: TBA
Class #8041 Instructor: Karras

Music

MUS 562/Voice Culture 2 cr.
Discovery and diagnosis of individual voice problems and command of vocal skills adequate for effective teaching. Using a singing approach, appropriate vocalises and repertoire are used as materials in developing the voice.
6/30-7/31 MTR 1935-2115
BR 126 Instructor: Hickman
Class #8051

MUS 602/Devices of Musical Force 3 cr.
Insights concerning how musical sound becomes forceful expression. Information about musical styles, periods, individual composers and the devices they apply, plus relevant analysis included as a basis for interpretative insights.
6/30-7/31 MTR 1340-1620
BR 126 Instructor: Rittenhouse
Class #8053

MUS 663/Band Development 2 cr.
Detailed steps essential to the development of superior percussion sections for bands through efficient applied experience on the instruments. Motor coordination in proper sequence, for developing high quality percussion tone, good rhythmic executive habits, and application of the "basic rudiments" to the reading of percussion parts are included.
6/30-7/31 MTR 1645-1825
BR 125 Instructor: Silvester
Class #8055

MUS 664/Choral Development 3 cr.
Emphasis upon functional contributions the various schools of choral performance have made as approaches to build choral music programs. Physical and aesthetic values of choral experiences are discussed,
diagnosed, compared and evaluated in a laboratory situation.

6/30-7/31 MTR 1645-1925
BR 128 Instructor: Mendoza
Class #8057

MUS 670/Advanced Conducting II 2 cr.
Advanced interpretative conducting. Emphasis on application of skills developed in "Devices of Musical Force" and "Developing Interpretative Insights."

6/30-7/31 MTR 1935-2115
BR 127 Instructor: Potter
Class #8059

MUS 697/Independent Study 1-3 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
MUS 697 A Class #8061 1 cr.
MUS 697 B Class #8063 2 cr.
MUS 697 C Class #8065 3 cr.
Coordinator: Potter

MUS 698/Department Project in 3 cr.
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.
Hours: TBA
MUS 698A (Instrumental) Class #8067
MUS 698B (Vocal) Class #8069
Coordinator: Potter

Physics

PHY 556/Science in Industry 3 cr.
Prerequisites: college physics and college chemistry.
Chemical and physical principles applied in modern technology as shown in a number of industrial plants and public utilities. Approximately eight afternoon field trips at student expense are an integral part of the course.
6/30-7/31 MTR 1300-1515
CH 139 Instructor: Pregger
Class #8091

PHY 697/Independent Study in 1-3 cr.
Physics
In-depth exploration of a topic within a specific area of the discipline involving supervised reading, research and regular conferences with the faculty advisor. May be repeated for credit if topics differ.
PHY 697A Class #8093 1 cr.
PHY 697B Class #8095 2 cr.
PHY 697C Class #8097 3 cr.
Coordinator: Hiack

PHY 698/Department Project in 3 cr.
Science Education (Physical Science, General Science)
A critical independent study of an aspect of science education (physics) of interest to the student that is explored under faculty guidance. Open only to students matriculated in program.
Hours: TBA
Class #8099
Coordinator: Hiack

PHY 699/Thesis/Creative 6 cr.
Project in Science Education (Physical Science, General Science)
Prerequisite: Permission of the student's advisor.
Original research in area of specialization. Open only to students matriculated in the science education program whose area of concentration is physical or general science.
Hours: TBA
Class #8101
Coordinator: Hiack
Psychology

PSY 623/Advanced Child Growth 3 cr.
and Development
The concepts and principles underlying cognitive, social/emotional, language and personality development are examined with reference to their applications to working with children in various educational and therapeutic contexts. Current research studies are reviewed in the light of scientific standards and students' personal and professional experiences.
6/30-7/31 MTWR 1030-1230
FH 410 Instructor: Ruddy
Class #8121

PSY 697/Independent Study 1-3 cr.
in Psychology
Prerequisites: Permission of instructor and department.
In-depth exploration of a topic within a specific area of the discipline involving supervised reading, research and regular conferences with the faculty advisor. A formal proposal, developed with the instructor's supervision, must be submitted to the department and approved before the student may register for independent study.
PSY 697A Class #8123 1 cr.
PSY 697B Class #8125 2 cr.
PSY 697C Class #8127 3 cr.
Coordinator: Sarafino

Sociology

SOC 504/The Community: Its 3 cr.
Social and Organizational Structure
Prerequisite: SOC 101/Introductory Sociology or equivalent.
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.
6/30-7/31 MTR 1045-1325
BL 228 Instructor: Staff
Class #8131

SOC 505/Social Pathology and 3 cr.
the Student
Family tensions, neighborhood deterioration, poverty and dependency, vice and crime, racial and ethnic conflict, excessive mobility and alcoholism and drug addiction which contribute to socially and emotionally disturbed children and youth. Attention to the amelioration of these problems and more positive adaptation.
6/30-7/31 MTR 1340-1620
BL 228 Instructor: Anderson
Class #8133

SOC 697/Independent Study in 1-3 cr.
Sociology
In-depth exploration of a topic within a specific area of the discipline involving supervised reading research and regular conferences with the faculty advisor.
Hours: TBA
SOC 697A Class #8135 1 cr.
SOC 697B Class #8136 2 cr.
SOC 697C Class #8137 3 cr.
Coordinator: Anderson

SOC 698/Department Project in 3 cr.
Sociology
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.
Hours: TBA
Class #8138
Coordinator: Anderson

SOC 699/The Thesis/Creative 6 s.h.
Project in Sociology
An original research or creative study under the guidance of a thesis committee approved by the graduate supervisor. Open only to students matriculated in the social studies program.
Hours: TBA
Class #8139
Coordinator: Anderson
BUS 500/Workshop in Business 3 cr.
Prerequisite: Permission of Graduate Program Supervisor.
An in-depth study of highly specialized topics of recent origin, with an emphasis on application to business or business education programs.

Microcomputer Workshop
BUS 500A Sat., (Special Schedule) 5/26-6/14 TR Instructor: Sherrer BL 31 (IBM) Class #8141

Championship Typewriting
Cortez Peters Workshop
BUS 500B (Special Schedule) 8/4-8/11 Hours: TBA Instructor: Prant BL Class #8143

BUS 511/Organizational Communication in Business 3 cr.
Prerequisite: Permission of Graduate Program Supervisor.
An in-depth analysis of the major components of communication in organizations with an emphasis on theories, models and applications. Topics include communication process, barriers, formal and informal systems, nonverbal communications, diagnosing and solving communication problems and managing communications.
6/30-7/31 MTW 1340-1620 BL 123 Instructor: Staff Class #8145

BUS 560/Curriculum in Business and Distributive Education 3 cr.
Prerequisite: Permission of Graduate Program Supervisor.
Business and distributive education curriculums examined at various educational levels. Includes principles, procedures and innovations in curriculum development.
6/30-6/31 MTW 1045-1325 BL 234 Instructor: Gaston Class #8147

BUS 697/Independent Study in Business 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 advisor.
Hours: TBA
BUS 697A Class #8149 1 cr.
BUS 697B Class #8151 2 cr.
BUS 697C Class #8153 3 cr.
Coordinator: Kingston

BUS 699/Department Project in Business 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 education and office systems programs.
Hours: TBA
Class #8155 Coordinator: Kingston
Counseling and Personnel Services

CPS 501/Introduction to Counseling and Personnel Services 3 cr.
Major emphasis is on the applied psychology of the helping relationship through active field experiences, human relations training and exploration of field opportunities.
6/9-6/27 MTR 1700-2130
BR 126-127-128 6/9-6/12
FH 406-409-410 6/16-6/27
Class #8191 Instructor: Evangelisto
6/30-7/31 MTR 1645-1925
FH 347-348-349 Instructor: Evangelisto
Class #8193

CPS 515/Educational Statistics 3 cr.
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.
6/30-7/31 MTR 1935-2215
FH 347 Instructor: Staff
Class #8195

CPS 535/Career Counseling and Placement 3 cr.
Prerequisite: Permission of department.
This course is designed to provide the necessary knowledge and skills required to those individuals who wish to do career counseling in an agency, public school or postsecondary institution. This course will provide information regarding theories of career development, and will illustrate how those theoretical models can be incorporated into the various styles of the counseling process.
6/30-7/31 MTR 1645-1925
FH 408 Instructor: Sancho
Class #8197

CPS 545/Community Agency Counseling 3 cr.
Prerequisite: Permission of department.
This course is designed to meet the needs of the counselor working in community agency settings. Focus is placed on the populations served, preferred treatment modes, strategies of preventive intervention, and evaluation techniques for more effective mental health agencies.
6/30-7/31 MTR 0800-1040
FH 408 Instructor: Dunphy
Class #8199

CPS 550/Alcoholism Counseling 3 cr.
Prerequisite: SPG 501
Specific techniques for counseling the alcoholic and the problem drinker are presented. Intervention strategies, as well as counseling and support systems for the family and significant others affected by the disease of alcoholism are included. Opportunities to practice counseling strategies at various points along the alcoholism treatment continuum will be provided.
6/9-6/27 MTR 1700-2130
BR 125—6/9-6/12
FH 411—6/16-6/27
Class #8201 Instructor: Fassbender

CPS 551/Alcohol, the Individual and Society 3 cr.
The effect of alcohol on the body as well as society is presented. Societal attitudes and the reinforcement of drinking as it relates to the abuse of alcohol is examined. Medical aspects and diseases related to alcoholism and problem drinking are discussed. Alcohol use, misuse and abuse as it affects individual and society is stressed.
6/30-7/31 MTR 1045-1325
FH 408 Instructor: Fassbender
Class #8203

CPS 670/Counseling Theory 3 cr.
Prerequisites: SPG 501 & SPG 515.
Designed to develop a sound understanding of the counseling relationship through presentation of a range of psychological theories as they apply to counseling; exploration of the role of counselor; and 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.
6/9-6/27 MTR 0900-1330
NU 108—6/19-6/12
FH 411—6/16-6/27 Instructor: Ramsey
Class #8205

CPS 675/Group Guidance and Counseling 3 cr.
Prerequisites: CPS 501, 515, 670 (CPS 675 may be taken concurrently with CPS 670 with advisement.)
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 ongoing counseling groups.
6/9-6/27 MTR 1700-2130
BR 129, 133—6/9-6/12
FH 347, 348, 349—6/16/6/27
Instructor: Worthington
Class #8207

CPS 697/Independent Study in Counseling and 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 advisor.
Hours: TBA
Class #8209
Coordinator: Ramsey

CPS 698/Department Project in Counseling and 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.
Hours: TBA
Class #8211
Coordinator: Ramsey

CPS 699/Thesis/Creative Project in Counseling and Personnel Services
Prerequisites: SPG 515, PSY 643, EDF 600 or permission of department.
An original research or creative study under the guidance of a thesis committee approved by the graduate supervisor. Open only to students who have completed 24 hours in the student personnel services program.
Hours: TBA
Class #8213
Coordinator: Ramsey

Educational Field Experiences

Seminar in Supervised Teaching: Secondary and Special Fields—Observation and Participation
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.
See SEC 491.

SEC 514/Curriculum Theory and Practice
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.
6/30-7/31 MTR 0800-1040
FH 222
Class #8341
MTR 1045-1325
FH 222
Class #8343

SEC 520/Staff Supervision
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.
6/30-7/31 MTR 0800-1040
FH 222
Class #8341
MTR 1045-1325
FH 222
Class #8343

Early Childhood Education

ECE 504/Teaching Young Children 3 cr.
6/30-7/31 MTR 0800-1040
FH 349
Instructor: Staff
Class #8231

ECE 697/Independent 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 advisor.
Hours: TBA
ECE 697A Class #8233 1 cr.
ECE 697B Class #8235 2 cr.
ECE 697C Class #8237 3 cr.
Coordinator:
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.

6/30-7/31 MTR 1340-1620
FH 348 Instructor: Carroll
Class #8241

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.

6/30-7/31 MTR 1340-1525
FH 349 Instructor: Morrison
Class #8243

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.

6/30-7/31 MTR 1340-1525
FH 349 Instructor: Carroll
Class #8245

EDF 600/Introduction to Research 3 cr.
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.

6/30-7/31 MTR 0800-1040
FH 348 Instructor: Wright
Class #8247

EDF 600 Class #8245

EDF 697A/Independent Study in Bilingual Education 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 advisor.

Hours: TBA
EDF 697A Class #8250 1 cr.
EDF 697B Class #8251 2 cr.
EDF 697C Class #8252 3 cr.
Coordinator: Morrison
EDF 697B/Independent Study in 1-3 cr.
Educational Foundations
In-depth exploration of a topic within a specific area of the discipline involving supervised reading, research and regular conferences with the faculty advisor.
Hours: TBA
EDF 697D Class #8253 1 cr.
EDF 697E Class #8254 2 cr.
EDF 697F Class #8255 3 cr.
Coordinator: Morrison

EDF 697C/Independent Study in 1-3 cr.
Urban Education
In-depth exploration of a topic within a specific area of the discipline involving supervised reading, research and regular conferences with the faculty advisor.
Hours: TBA
EDF 697G Class #8256 1 cr.
EDF 697H Class #8257 2 cr.
EDF 697I Class #8258 3 cr.
Coordinator: Morrison

EDF 698/Departmental Project in 3 cr.
Urban Education
Students who already teach in an urban school and who wish to learn more or address themselves to some problem facing the urban school may elect to develop information or propose solutions. Interested student should consult their advisors. Open only to students matriculated in the urban education program.
Hours: TBA
Class #8259
Coordinator: Carroll

EDF 699/The Thesis/Creative Project in Urban Education
6 cr.
An original research or creative study under the guidance of a thesis committee approved by the graduate supervisor. Open only to students matriculated in the urban education program.
Hours: TBA
Class #8260
Coordinator: Carroll

Elementary Education

ELM 530/Exploring Children's 3 cr.
Literature: An Educator's Perspective
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.
6/30-7/31 MTR 0800-1040
FH 319 Instructor: Staff
Class #8261

ELM 562/Computers and Their 3 cr.
Applications in Education
An introductory course for teachers in grades K-12 that examines the way computers work and the common types of hardware used in the various curriculum areas in the classroom. Flow-charting and programming concepts are used to form the basis for a review of the critical problems of choosing and designing software to match students needs.
ELM 562A 6/30-7/31 MTR 0800-1040
FH 103 Instructor: Staff
Class #8263
ELM 562B 6/30-7/31 MTR 1045-1325
FH 103 Instructor: Staff
Class #8265

ELM 697/Independent Study in 1-3 cr.
Elementary Education
Hours: TBA
ELM 697A Class #8267
ELM 697B Class #8269
ELM 697C Class #8271
Coordinator: Durkin

ELM 698/Department Project in 3 cr.
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
Class #8273
Coordinator:

ELM 699/The Thesis/Creative Project 6 cr.
in Education
An original research or creative study under the guidance of a thesis committee approved by the graduate supervisor. Open only to students matriculated in the elementary education programs.
Hours: TBA
Class #8275
Coordinator: Durkin
**Health Education**

See also: Physical Education; Safety

**HED 500/Workshop in Health** 3 cr.

Education

Selected topics in Family Life and Sex Ed.

An in-depth study of highly specialized topics of recent origin, with an emphasis on application to health education programs and on improvement of teaching effectiveness.

6/30-7/31 MTR 0800-1040
FH 101
Instructor: Brown
Class #8281

**HED 551/Alcohol and Narcotics** 3 cr.

Education

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.

* This Course Is Not Covered by the Guarantee.

6/23-7/18 MTWR 1700-1930
FH 204
Instructor: Herzstein
Class #8283

**HED 552/Health Science** 3 cr.

Recent problems, concepts and advances in the areas of personal and community health and in the selection, investigation and application of modern techniques of classroom teaching to the health sciences.

6/30-7/31 MTR 1340-1620
FH 101
Instructor: Chilakos
Class #8285

**HED 555/Seminar on Aging, Death and Dying** 3 cr.

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.

6/30-7/31 MTR 1045-1325
FH 204
Instructor: Herzstein
Class #8287

---

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

**HPE 697/Independent Study in Health, Physical Education, Recreation and Safety** 1-3 cr.

Exploration of a topic within a specific area of the discipline involving supervised reading, research and regular conferences with the faculty advisor.

Hours: TBA

HPE 697A Class #8289 1 cr.
HPE 697B Class #8291 2 cr.
HPE 697C Class #8293 3 cr.
Coordinator: Medve

**HPE 698/Department Project in Health, Physical Education, Recreation and Safety** 3 cr.

An in-depth study of an aspect of health, physical education, recreation and/or 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 #8295

**HPE 699/Theesis in Health, Physical Education, Recreation and Safety** 6 cr.

Extensive research under the guidance of a thesis committee approved by the graduate supervisor. Open only to students matriculated in the health and physical education program.

Hours: TBA
Coordinator: Medve
Class #8297

---

**Physical Education**

See also: Health Education; Safety

**PED 511/Curriculum and Program** 3 cr.

Construction in Physical Education

Selection and adaption of physical education activities for children of various age levels with emphasis upon objectives, pupil classification. Criteria formulated for the scientific evaluation of activity programs.

6/30-7/31 MTR 1045-1325
PA126 & E Gym
Instructor: Rada
Class #8299
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.
6/9-6/20 MTWRF 1500-1800
PA104 Instructor: Oshel
Class #8301

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.
* This Course Is Not Covered by the Guarantee.
6/30-7/31 MTR 1340-1620
PA101 Instructor: Rada
Class #8303

Reading

RDG 570/Corrective Techniques in Reading 3 cr.
Prerequisite: An undergraduate or graduate course in the methods of teaching reading.
Considers 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.)
6/30-7/31 MTR 1045-1325
FH 319 Instructor: Staff
Class #8311

RDG 682/Practicum: Diagnostic Procedures and Corrective Instruction 3 cr.
Prerequisite: RDG 676.
A practicum in which the student implements diagnostic procedures and both develops and implements prescriptive and corrective procedures under supervision in the reading center.
6/30-7/31 MTR 1045-1425
FH 211 Instructor: Staff
Class #8313

RDG 697/Independent Study in Reading 1-3 cr.
Prerequisite: 3 cr.
Hours: TBA
RDG 697A Class #8315 1 cr.
RDG 697B Class #8317 2 cr.
RDG 697C Class #8319 3 cr.
Coordinator: Staff

RDG 698/Department Project in Reading 3 cr.
A critical independent study of an aspect of reading interest to the student that is explored under faculty guidance. Open only to students matriculated in the graduate Developmental Reading program.
Hours: TBA
Class #8321
Coordinator:

RDG 699/Thesis/Creative Project in Reading 6 cr.
An original research or creative study under the guidance of a thesis committee approved by the graduate supervisor. Open only to students matriculated in the Developmental Reading program.
Hours: TBA
Class #8323
Coordinator:

Safety

SAF 581/Teaching Advanced First Aid and Personal Safety 3 cr.
First course content is concerned with methodology as it relates to the classroom, behind the wheel and psychological aspects of the driver education program.
6/23-7/11 MTWRF 0900-1200
PA104 Instructor: Medve
Class #8331

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.
6/23-7/11 MTWRF 0900-1200
PA104 Instructor: Oshel/Medve
Lot #8
Class #8333
SAF 587/Traffic Safety Workshop 2 cr.
(Emergency Maneuvers)
Investigation and application of current information on theory, techniques of teaching and administrative procedures as they relate to specific traffic safety problems. Programs in motorcycle education, emergency maneuvers, handicapped drivers, pedestrian safety, bicycle safety and public transportation will be offered in terms of need and demand. HPE 897 Independent Study for 1 s.h. is recommended.
6/16-6/20 MTWRF 1800-2130
P 104
Lot #8
Class #8335

SED 605/Individualizing Reading 3 cr.
Instruction for Exceptional Children
Prerequisite: SED 310, SED 501.
Corequisite: SED 610 for LDT/C students.
Past and current research in teaching language arts to children with communication 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.
6/30-7/31 MTR 1340-1620
FH 407
Instructor: McRae
Class #8365

SED 616/Social-Emotional Development of the Handicapped
Prerequisite: SED 501
The unique and typically abnormal psycho-social characteristics and stresses encountered by the handicapped child. The child’s behavioral responses and personality development. Roles of the educator and other professional personnel in the school and community agencies. Techniques of therapeutic intervention, behavior modification and instruction.
6/30-7/31 MTR 1045-1325
FH 409
Instructor: Blyden
Class #8367

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 they relate to proper understanding, placement and educational management of such children.
6/30-7/31 MTR 0800-1040
FH 409
Instructor: Weisberg
Class #8369

SED 627/Perceptual-Motor Characteristics of the Handicapped
Prerequisite: SED 625
The unique and varied perceptual-motor problems of the handicapped; an understanding of the individual developmental problems of children with learning difficulties. Controversial concepts such as developmental lag, neurological organization, cerebral dominance, minimal brain dysfunction, pertinent diagnostic and remediation techniques.
6/30-7/31 MTR 1045-1325
FH 226
Instructor: Weisberg
Class #8371

Special Education

SED 501/Learning and Behavior 3 cr.
Problems of Handicapped Children
Prerequisite: child psychology.
This survey course provides an introduction to the field of special education by focusing on the characteristics and educational needs of handicapped students. Following a categorical approach, the course covers etiology and behavioral manifestations of a wide variety of handicapping conditions and introduces current approaches to the education of students with these disabilities. Included is up-to-date information on federal and state laws which affect services for the handicapped.
6/30-7/31 MTR 0800-1040
FH 407
Instructor: Blyden
Class #8361

SED 514/Curriculum and Methods 3 cr.
For Teaching Exceptional Learners
(This course integrates SED 510, 511, 512.)
Prerequisite: SED 501 (for all students)
Overview of basic principles of teaching the developmentally handicapped with (a) examination of curriculum preparation, lesson planning and classroom scheduling; (b) 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) study of modern curriculum models and materials; and how to plan, write and utilize an IEP (individual educational plan).
6/30-7/31 MTR 1045-1325
FH 407
Instructor: Alpauge
Class #8363
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 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.
6/30-7/31 FH 409 MTR 1340-1620
Class #8373 Instructor: Riley

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 practica and each concurrent course.
6/30-7/31
Hours: TBA
Class #8375
Coordinator: Weisberg

SED 697/Independent Study in Special Education
Prerequisite: Permission of advisor.
Independent exploration of a specific topic in depth under the individual supervision of a faculty member. Such a study could include a unique case study, exploration of a potential research topic, extensive reading in an area of interest, participation in department or inter-agency clinics, grant projects, forums, workshops, etc. May be repeated for an additional semester with permission of advisor. Students are expected to purchase any necessary testing and/or curriculum materials needed for the proper completion of the course. Open only to advanced students matriculated in the special education program.
Hours: TBA
SED 697A Class #8379 1 cr.
SED 697B Class #8381 2 cr.
SED 697C Class #8383 3 cr.
Coordinator: McRae

Speech Pathology & Audiology

SPP 515/Cleft Palate
Prerequisite: an undergraduate degree in speech pathology or the equivalent.
A study of remedial methods for speech disorders resulting from cleft palate.
6/30-7/31 MTR 1645-1925
FH 155 Instructor: Schwartz
Class #8401

SPP 518/Childhood Aphasia and Language Disorders
Prerequisite: SPP 311 or an equivalent course in normal language and speech acquisition.
Investigation of the neurophysiological bases of childhood language disorders; analysis of assessment principles and instruments; and a study of remedial approaches and techniques.
6/30-7/31 MTR 1045-1325
FH 155 Instructor: Jensen
Class #8403

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 inter-
An intensive study of feeding techniques, alternative symbol systems, gestural assisted nonelectronic and electronic devices and their application to the rehabilitation of communication handicapped individuals.

Prerequisites: Undergraduate degree in speech pathology or equivalent and a course in childhood or adult language disorders; course to be taken concurrently with a practicum experience.

Hours: TBA
Coordinator: Schwartz
Class #8411
IED 581/Industrial Education Workshop  
Topic: Computer Aided Design  
Prerequisite: Permission of dean.  
Advanced course dealing with topics in Industrial Education.  
6/23-7/11 MTWR 1200-1700  
AR27 Instructor: Hess  
Class #8441  
IED 597/Advanced Topics in Industrial Education  
Technology Curriculum  
An advanced course devoted to an in-depth study of current or specialized topics selected by the faculty and approved by the department. 
This Course Is Not Covered by the Guarantee.  
6/23-6/27 MTWRF 0900-1600  
AR40/AR44 Instructor: Weber  
Class #8449  
IED 697/Independent 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 advisor.  
Hours: TBA  
IED 697A Class #8457 1 cr.  
IED 697B Class #8459 2 cr.  
IED 697C Class #8461 3 cr.  
Coordinator: Weber  
IED 698/Department Project in Industrial Education  
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  
Class #8463  
Coordinator: Weber

Industrial Education Summer Institute

An in-service institute for vocational teachers and coordinators to upgrade technical competency in such areas as CAD-CAM, Robotics, CIM, Computers, Vocational assessment, computerized automotive systems and other professional skills needed by instructors.

IED 581/Industrial Education Workshop  
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.  
Hours: TBA  
Class #8443  
Coordinator: Alexander

IED 697/Independent 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 advisor.  
Hours: TBA  
IED 697A Class #8451 1 cr.  
IED 697B Class #8453 2 cr.  
Coordinator: Alexander
ACADEMIC REGULATIONS AND INFORMATION
# MAJORS LEADING TO BACCALAUREATE DEGREES

Degrees will be conferred only upon completion of the entire program as outlined for a specific major. The college offers programs leading to bachelor of arts and bachelor of science degrees as follows:

## Bachelor of Arts

Art, Liberal Arts, Art Therapy or Advertising Design, Interior Design  
Art, Teaching  
Communication and Theatre, Liberal Arts  
English, Liberal Arts, Professional Writing/Journalism  
English, Teaching  
Geography, Liberal Arts  
History, Liberal Arts  
History, Teaching of Social Studies  
Mathematics, Liberal Arts, Computer Science or Statistics  
Mathematics, Teaching  
Music, Liberal Arts  
Music, Teaching  
Philosophy  
Political Science, Liberal Arts or Public Administration  
Political Science, Teaching of Social Studies  
Psychology  
Sociology, Liberal Arts

## Bachelor of Science

Administrative Office Management  
Biology  
Biology, Teaching  
Business Administration (Accounting, General Business, Management,  
Marketing, Finance, or Computer Information Systems)  
Economics  
Business Education  
Chemistry  
Chemistry, Teaching of Physical Science  
Criminal Justice  
Early Childhood Education  
Electronic Engineering Technology  
Elementary Education  
Health Education  
Health and Physical Education  
Technology Education  
Industrial Engineering Technology  
Mechanical Engineering Technology  
Nursing (BSN)  
Physics  
Physics, Teaching of Physical Science  
Recreation  
Special Education for the Developmentally Handicapped  
Education for the Hearing Impaired  
Speech Pathology and Audiology (For other than public schools)  
Speech Pathology and Audiology (For public school work)  
Vocational Education

Note: Program codes to be used on applications for admission are listed after each program title within the department listings.
GRADUATE PROGRAMS

Degrees Offered

Master of Arts
- Counseling & Personnel Services
- English
- Mathematics
- Music
- Speech Pathology

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

Master of Education
- Business & Distributive Education
- Developmental Reading
- Elementary Education
- Health & Safety Education
- Industrial Education
- Mathematics Education
- Music Education
- Physical Education
- Science Education
- Social Studies Education
- Special Education
- Speech Correction
- Urban Education

Master of Science
- Management

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

Non-Degree Programs
- Post Master Programs
  (Certification Only)
- Learning Disabilities
- Teacher/Consultant
- Principal
- Reading Specialist
- Special Education
- Supervisor

Certificate Program
- Alcoholism Counseling
- Gerontology
- Instructional Computing
  & Development
- Preschool Handicapped

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.

GRADUATING STUDENTS, SUMMER 1986

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, 1986. 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 Records and Registration, Green Hall, Room 112.

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, Forcina Hall, Room 168
- School of Business and Economics, Bliss Hall, Room 217
- School of Technology, Armstrong Hall, Room 66
- Office of Records and Registration, Green Hall, Room 112

TRANSCRIPT OF CREDIT

Students desiring a transcript for courses they have completed should write to the Office of Records and Registration, 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 (graduate or undergraduate);
4. date of graduation;
5. name and address to which transcripts should be mailed.

No fee is charged.

CREDIT LOAD

NOTE: Normally Graduate Students are limited to six semester hours of summer study and Undergraduate Students are limited to nine semester hours of summer study.

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 Office of Records and Registration.

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 Office of Academic Affairs.
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.

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.

Grade reports are issued several times over the summer. 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>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>4.0</td>
</tr>
<tr>
<td>B</td>
<td>3.0</td>
</tr>
<tr>
<td>C</td>
<td>2.0</td>
</tr>
<tr>
<td>D</td>
<td>1.0</td>
</tr>
<tr>
<td>F—No Credit</td>
<td>0.0</td>
</tr>
<tr>
<td>WF—Withdrawn, Failing</td>
<td>0.0</td>
</tr>
</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."
WITHDRAWAL FROM COURSES AND REFUND OF TUITION

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

In order to withdraw from a summer course a student must fill out an official withdrawal form obtained from the Office of Records and Registration or the office of the Division of Continuing Studies. 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."

See class schedule pages 68 to 77 for specific withdrawal and refund dates.
HEALTH SERVICES

The Student Health Center is located on the first floor of Norsworthy Hall, where a registered nurse will be on duty Monday through 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 4:30 when the Health Center is closed, students will be sent to a local hospital 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 are the responsibility of the student.

PARKING ON CAMPUS

Students must park in authorized student lots only. These lots, numbered 3 through 9, are on the west side of campus and behind Travers-Wolfe, Decker and Cromwell Dormitories. 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 dean of Admissions for further information, at (609) 771-2131.

OFFICE OF SPECIAL SERVICES

The Office of Special Services, located in Phelps Annex, provides services for disabled students, international students and veterans.

Disabled students are provided assistance with a variety of academic and personal needs. Specialized services and counseling are provided as required. A primary goal of the office is to make the campus community aware of the needs of the disabled student and to work toward total compliance with Section 504.

International students are provided assistance with their various immigration requirements and with problems they may encounter while enrolled. Every effort is made to help the international student deal with the complexities and demands of an unfamiliar environment.

The Veterans Affairs Program assists the veteran students in becoming aware of benefits for which they are eligible and helps them to apply for and maintain such benefits. All questions relating to benefits should be directed to this office. Students who receive benefits must inform this office of any change in enrollment status to avoid loss of benefits and/or financial liability.

For further information call (609) 771-2571.
The Clayon R. Brower 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 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 serves 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 College Conference Center to be an ideal setting for training programs, meetings and other functions.

The Student Center Information Desk (609-771-2331) answers inquiries about all campus activities, bus and train schedules, etc. Questions about the Student Center or Conference programs can also be directed to the Student Center, Trenton State College, Hillwood Lakes CN 550, Trenton, NJ 08625: (609) 771-2264.

**Student Center Hours**
- Monday-Friday: 8:00 a.m.-5:00 p.m. (June, July, August)
- Saturday, Sunday: Closed (June, July, August)
- Monday-Thursday: 8:00 a.m.-8:00 p.m. (during summer school session)

**Snack Bar Hours**
- Monday-Friday: 7:30 a.m.-3:00 p.m. (June, July, August)
- Saturday, Sunday: Closed
RESIDENCE ACCOMMODATIONS AND DINING SERVICE

Living on Campus

Residence accommodations (full-time residency with a meal plan) for students enrolled in summer session courses are available in college residence halls, on a double-occupancy basis.

To Live on Campus as a Full-Time Resident

1. Request an application form from the Summer Session Office, Green Hall, Room 109, (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 registration 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 9, 1986.
   b. Residence halls will be open on June 22, 1986, at 4 p.m. and close on August 2, 1986 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 residence hall charges is available upon request from the Residence Assignments Office.
There will be no on-campus accommodations for either the pre-session or post-session.
5. Housing and Food Service Rates for Summer Session:
   For 6 weeks of summer session
   19 meal plan $594.00
   14 meal plan $580.00
   10 meal plan $569.00

Residence accommodations for students enrolled in summer session courses are available in college residence halls, on a double-occupancy basis.

Eating on Campus

Meals are available on campus for commuter/off-campus students on an individual basis.

1. Students may choose from among the following meal contracts:
   19 meals per week @$40.00/wk ............................................. $240.00/session
   Any 14 meals per week @$38.00/wk ....................................... $228.00/session
   Any 10 meals per week @$36.00/wk ....................................... $216.00/session
2. Meals will be available for students in the residence dining halls on an a la carte basis. Meal prices will be as follows:

<table>
<thead>
<tr>
<th>Meal</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Breakfast</td>
<td>$2.00</td>
</tr>
<tr>
<td>Lunch</td>
<td>$3.10</td>
</tr>
<tr>
<td>Dinner</td>
<td>$4.25</td>
</tr>
<tr>
<td>Brunch</td>
<td>$3.10</td>
</tr>
</tbody>
</table>

3. Dining Schedule: The dining hall hours of operation will be posted in the summer session residence hall and Housing Office once determined.

- 3 meals/day Monday through Friday
- 2 meals on Saturday and 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 Clayton R. Brower Center on a cash basis. Hours are listed under the Clayton R. Brower Student Center Section.

**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 in Phelps Hall.

Summer business hours are:
- Monday-Friday—8:30 a.m.-4:30 p.m.
- Monday, June 9, June 23, June 30, August 4—8:30 a.m.-8:00 p.m.

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

**LIBRARY HOURS**

During the 1986 Summer Session (June 23 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.-6:00 p.m.
- Saturday ................................................................ Closed
- Sunday ................................................................ Closed
- July 4 ........................................................................ Closed

During the pre-session (June 9-June 20) and between August 1 and September 2 the library will open Monday through Friday, 8:30 a.m.-4:30 p.m.

**INTRAMURAL 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, basketball 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 eight lighted tennis courts...
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 the following numbers:

Court Reservations: 771-2190
Intramural Sports: 771-2712
Recreation/Sport Clubs: 771-2223
Facility Reservations: 771-2389
# TRENTON STATE COLLEGE SUMMER SESSION CALENDAR 1986

<table>
<thead>
<tr>
<th>June</th>
<th>June</th>
<th>June</th>
<th>June</th>
<th>July</th>
<th>July</th>
<th>July</th>
<th>July</th>
<th>July</th>
<th>July</th>
<th>July</th>
<th>Aug.</th>
</tr>
</thead>
<tbody>
<tr>
<td>9-13</td>
<td>16-20</td>
<td>23-27</td>
<td>30</td>
<td>4</td>
<td>7-11</td>
<td>14-18</td>
<td>21-25</td>
<td>28</td>
<td></td>
<td></td>
<td>1</td>
</tr>
</tbody>
</table>

**Pre-Session**

**Six-Week Session**

**Five-Week Session**

**PLEASE NOTE:**
TRENTON STATE COLLEGE WILL BE CLOSED ON THE FOLLOWING FRIDAYS

- July 4, 1986
- July 11, 1986
- July 18, 1986
- July 25, 1986
- August 1, 1986
- August 8, 1986
Withdrawal before the first scheduled class meeting—100% refund.
Withdrawal after the first scheduled class meeting—50% refund.

BUILDING DESIGNATION CODE

<table>
<thead>
<tr>
<th>Building</th>
<th>Code</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Armstrong Hall</td>
<td>AR</td>
<td>2</td>
</tr>
<tr>
<td>Bray Hall</td>
<td>BR</td>
<td>5</td>
</tr>
<tr>
<td>Bliss Hall</td>
<td>BL</td>
<td>4</td>
</tr>
<tr>
<td>Crowell Hall</td>
<td>CH</td>
<td>34</td>
</tr>
<tr>
<td>Forcina Hall</td>
<td>FH</td>
<td>43</td>
</tr>
<tr>
<td>Green Hall</td>
<td>GR</td>
<td>16</td>
</tr>
<tr>
<td>Holman Hall</td>
<td>HH</td>
<td>20</td>
</tr>
<tr>
<td>Kendall Hall</td>
<td>KE</td>
<td>21</td>
</tr>
<tr>
<td>Library</td>
<td>LN</td>
<td>36</td>
</tr>
<tr>
<td>Nursing Building</td>
<td>NU</td>
<td>37</td>
</tr>
<tr>
<td>Packer Hall</td>
<td>PA</td>
<td>28</td>
</tr>
<tr>
<td>Relocatable</td>
<td>RE</td>
<td>32</td>
</tr>
</tbody>
</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
5 DAY

Withdrawal Dates
50%—6/11
Final—6/13

CTH 108 TV Production
MTWRF 0900-1600

ENG 345 Studies in Lit.
MTWRF Library 222 1300-1600

GOL 120 Intro. Geology
MTWRF CH139 1000-1500

HED 150 Contemp. Health
MTWRF PA103 1700-1940

PED 131 Golf
MTWRF PA104 1530-1800

PED 201 Acquatic
MTWRF Pool 2000-2200

PED 541 Golf
MTWRF PA104 1500-1800

PSY 333 Mental Health
MTWRF W. Library 0930-1530
### Withdrawal Dates
- 50% — 7/8
- Final — 7/14

<table>
<thead>
<tr>
<th>Time Block</th>
<th>Course and Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0800-1040</td>
<td>CPS 545 Community Agency Counseling</td>
</tr>
<tr>
<td></td>
<td>CRJ 415 Criminal Evidence</td>
</tr>
<tr>
<td></td>
<td>ECE 504 Teaching Young Children</td>
</tr>
<tr>
<td></td>
<td>EDF 600 Intro. to Research</td>
</tr>
<tr>
<td></td>
<td>ELM 530 Exploring Child's Lit.</td>
</tr>
<tr>
<td></td>
<td>ELM 562A Computers and Appl. in Ed.</td>
</tr>
<tr>
<td></td>
<td>ENG 228 Eng. Lit. to Restoration</td>
</tr>
<tr>
<td></td>
<td>ENG 246 The Film</td>
</tr>
<tr>
<td></td>
<td>HED 358 Aging, Death and Dying</td>
</tr>
<tr>
<td></td>
<td>HED 390 Curr. &amp; Methods in Health Ed.</td>
</tr>
<tr>
<td></td>
<td>HED 500 Family Life and Sex Ed.</td>
</tr>
<tr>
<td></td>
<td>HIS 116 US History-Modern</td>
</tr>
<tr>
<td></td>
<td>POL 110 Amer. Nat'l. Government</td>
</tr>
<tr>
<td></td>
<td>RDG 323 Teaching Reading &amp; Lang. Arts</td>
</tr>
<tr>
<td></td>
<td>RDG 327 Tching. Redg. Mid. thru Sr. HS</td>
</tr>
<tr>
<td></td>
<td>SEC 514 Curriculum Theory &amp; Practice</td>
</tr>
<tr>
<td></td>
<td>SEC 520 Staff Supervision</td>
</tr>
<tr>
<td></td>
<td>SEC 501 Learning and Behav. Prob.</td>
</tr>
<tr>
<td></td>
<td>SED 626 Clinical Types in M.R.</td>
</tr>
</tbody>
</table>

### 1045-1325
<table>
<thead>
<tr>
<th>Time Block</th>
<th>Course and Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>BUS 560 Curriculum in Business</td>
</tr>
<tr>
<td></td>
<td>CPS 551 Alcohol, Individual &amp; Society</td>
</tr>
<tr>
<td></td>
<td>CRJ 435 Research Planning</td>
</tr>
<tr>
<td></td>
<td>EDF 400 Teacher in School and Comm.</td>
</tr>
<tr>
<td></td>
<td>EDF 570 N.J. School Law</td>
</tr>
<tr>
<td></td>
<td>ELM 325 Teach. Sci. &amp; Soc. Studies in Elem. School</td>
</tr>
<tr>
<td></td>
<td>EDF 562B Computers and Appl. in Ed.</td>
</tr>
<tr>
<td></td>
<td>ENG 109 Composition II</td>
</tr>
<tr>
<td></td>
<td>HED 356 Foundations in Sex Ed.</td>
</tr>
<tr>
<td></td>
<td>HED 555 Aging, Death and Dying</td>
</tr>
<tr>
<td></td>
<td>PED 511 Curr. &amp; Program Constr. in PE</td>
</tr>
<tr>
<td></td>
<td>POL 330 Amer. Foreign Pol.</td>
</tr>
<tr>
<td></td>
<td>PSY 313 Learn., Memory &amp; Motivation</td>
</tr>
<tr>
<td></td>
<td>RDG 421 Diag. Reading Difficulties</td>
</tr>
<tr>
<td></td>
<td>RDG 570 Corrective Tech. in Reading</td>
</tr>
<tr>
<td></td>
<td>SEC 514 Curriculum Theory &amp; Practice</td>
</tr>
<tr>
<td></td>
<td>SEC 520 Staff Supervision</td>
</tr>
<tr>
<td></td>
<td>SEC 525 Intro. to Ed. Adminis.</td>
</tr>
<tr>
<td></td>
<td>SED 616 Social-Emotional Develop. Handicapped</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
</tr>
<tr>
<td>-------------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>SED 627</td>
<td>Perceptual Motor</td>
</tr>
<tr>
<td>SOC 504</td>
<td>Community: Soc. Org. Structure</td>
</tr>
<tr>
<td>SPP 311</td>
<td>Language &amp; Speech Develop.</td>
</tr>
<tr>
<td>SPP 518</td>
<td>Childhood Aphasia</td>
</tr>
<tr>
<td>ART 105</td>
<td>Intro. Art History</td>
</tr>
<tr>
<td>BDE 210</td>
<td>Intro. to Business</td>
</tr>
<tr>
<td>BUS 511</td>
<td>Organizational Communications</td>
</tr>
<tr>
<td>EDF 500</td>
<td>Foundation of Ed.</td>
</tr>
<tr>
<td>EDF 520</td>
<td>Social Prob. and Educ.</td>
</tr>
<tr>
<td>HED 552</td>
<td>Health Science</td>
</tr>
<tr>
<td>HIS 101</td>
<td>Western Civ.-1648</td>
</tr>
<tr>
<td>MUS 160</td>
<td>Music Fundamentals</td>
</tr>
<tr>
<td>MUS 602</td>
<td>Devices of Musical Force</td>
</tr>
<tr>
<td>PED 690</td>
<td>Prof. Seminar</td>
</tr>
<tr>
<td>PSY 316</td>
<td>Psych. of Personality</td>
</tr>
<tr>
<td>REL 151</td>
<td>Comp. Religion</td>
</tr>
<tr>
<td>SEC 560</td>
<td>Comp. Tech. in Ed. Adminis.</td>
</tr>
<tr>
<td>SED 605</td>
<td>Individualized Rdg. Instr.</td>
</tr>
<tr>
<td>SED 643</td>
<td>Guid. and Rehab.</td>
</tr>
<tr>
<td>SOC 505</td>
<td>Soc. Pathology and Student</td>
</tr>
<tr>
<td>SPP 380</td>
<td>Instr. Methods in EH I</td>
</tr>
<tr>
<td>SPP 542</td>
<td>Alternative Comm. Sys.</td>
</tr>
<tr>
<td>SPP 605</td>
<td>Disorders of Articulation</td>
</tr>
<tr>
<td>CSP 594</td>
<td>Intro. to CPS</td>
</tr>
<tr>
<td>HIS 102</td>
<td>Western Civ. to Present</td>
</tr>
<tr>
<td>MGT 310</td>
<td>Management Principles</td>
</tr>
<tr>
<td>MUS 663</td>
<td>Band Develop. III</td>
</tr>
<tr>
<td>MUS 664</td>
<td>Choral Develop.</td>
</tr>
<tr>
<td>PED 301</td>
<td>Kinesiology</td>
</tr>
<tr>
<td>SEC 525</td>
<td>Intro. to Ed. Adminis.</td>
</tr>
<tr>
<td>SPP 515</td>
<td>Cleft Palate</td>
</tr>
<tr>
<td>AST 161</td>
<td>Descriptive Astronomy</td>
</tr>
<tr>
<td>BUS 317</td>
<td>Legal Environ. of Business</td>
</tr>
<tr>
<td>CPS 565</td>
<td>Educational Statistics</td>
</tr>
<tr>
<td>EDF 600</td>
<td>Intro. to Research</td>
</tr>
<tr>
<td>MUS 150</td>
<td>Survey Music Lit.</td>
</tr>
<tr>
<td>MUS 562</td>
<td>Voice Culture</td>
</tr>
<tr>
<td>MUS 670</td>
<td>Adv. Conduct. II</td>
</tr>
<tr>
<td>Time</td>
<td>Course</td>
</tr>
<tr>
<td>-------</td>
<td>--------</td>
</tr>
<tr>
<td>0800-1000</td>
<td>ART 101</td>
</tr>
<tr>
<td></td>
<td>ENG 109</td>
</tr>
<tr>
<td></td>
<td>GGR 111</td>
</tr>
<tr>
<td>1030-1230</td>
<td>ART 101</td>
</tr>
<tr>
<td></td>
<td>ENG 120</td>
</tr>
<tr>
<td></td>
<td>ENG 550</td>
</tr>
<tr>
<td></td>
<td>GGR 597</td>
</tr>
<tr>
<td></td>
<td>GOL 398</td>
</tr>
<tr>
<td></td>
<td>PSY 222</td>
</tr>
<tr>
<td></td>
<td>PSY 623</td>
</tr>
<tr>
<td>1245-1445</td>
<td>CTH 242</td>
</tr>
<tr>
<td>1700-1900</td>
<td>ART 201</td>
</tr>
<tr>
<td></td>
<td>ART 302</td>
</tr>
<tr>
<td></td>
<td>PSY 102</td>
</tr>
<tr>
<td></td>
<td>VOC 391</td>
</tr>
<tr>
<td>1915-2115</td>
<td>PSY 224</td>
</tr>
<tr>
<td></td>
<td>VOC 393</td>
</tr>
</tbody>
</table>
### Withdrawal Dates
- 50%—7/3
- Final—7/10

### 0800-1015
- **CSC 108** Elements of Computing
  - MTR
  - HH252
- **ENG 228** Eng, Lit. to Restoration
  - MTR
  - HH304
- **PHI 120** Intro. to Logic
  - MWR
  - HH126

### 1030-1245
- **CRJ 100** Intro. Criminal Justice
  - TWR
  - BL123
- **CSC 215** Intro. to Computer Science I
  - MTR
  - HH252
- **ENG 222** Short Story
  - MTR
  - HH372
- **SOC 101** Intro. to Sociology
  - MTR
  - BL229

### 1300-1515
- **PSY 203** Stat. Behav. Sci. I
  - MTW
  - FH424

### 1700-1915
- **CRJ 215** Juvenile Delinquency
  - MTW
  - BL123
- **CSC 108** Elements of Computing
  - MTR
  - HH252
- **MET 284** Thermodynamics
  - MTR
  - AR36
- **SOC 101** Intro. to Sociology
  - MTR
  - BL229

### 1930-2145
- **CSC 215** Intro. to Computer Science I
  - MTR
  - HH252
- **PSY 101** Intro. to Psychology I
  - MTW
  - FH409
6 WEEK, 4 DAY  6/23-7/31

Withdrawal Dates
50%—7/3
Final—7/10

0830-1010

CTH 100 Speech I: Public Speaking
MTWR  BL123

MAT 104 Math in Liberal Arts
MTWR  HH204

MAT 227 Calculus I
MTWR  HH253

PSY 101 Intro. Psychology I
MTWR  FH423

1025-1205

MAT 101 Foundations of Math
MTWR  HH204

MAT 115 Statistics I
MTWR  HH253

PSY 331 Intro. to Abnormal Psychology
MTWR  FH423

1715-1855

MTWR  BL124

MAT 115 Statistics I
MTWR  HH204

MAT 120 Elem. Math. Analysis
MTWR  HH253

MAT 227 Calculus I
MTWR  HH227

1915-2055

MAT 101 Foundations of Math
MTWR  HH204

MAT 211 Intro. Quant. Analysis I
MTWR  HH253

MAT 228 Calculus II
MTWR  HH124
### SPECIAL SCHEDULING

#### WEEK BEGINNING 5/26

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Days</th>
<th>Time</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 500A</td>
<td>Workshop in Business</td>
<td>BL31</td>
<td>5/26-6/14</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>50% WD: 6/2</td>
<td>Final WD: 6/4</td>
</tr>
<tr>
<td>NUR 406</td>
<td>Contemporary Nursing</td>
<td>NU111</td>
<td>5/27-6/24</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>50% WD: 6/3</td>
<td>Final WD: 6/10</td>
</tr>
</tbody>
</table>

#### WEEK BEGINNING 6/2

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Days</th>
<th>Time</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 497A</td>
<td>Selected Topics in Business</td>
<td>BL31</td>
<td>6/3-6/7</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>50% WD: 6/3</td>
<td>Final WD: 6/5</td>
</tr>
<tr>
<td></td>
<td>Chemistry</td>
<td></td>
<td>50% WD: 6/4</td>
<td>Final WD: 6/6</td>
</tr>
<tr>
<td>PED 203</td>
<td>Anatomy and Physiology</td>
<td>PA101</td>
<td>6/2-6/19</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>50% WD: 6/5</td>
<td>Final WD: 6/10</td>
</tr>
<tr>
<td>SAF 204</td>
<td>Emergency Care</td>
<td>P103</td>
<td>6/2-6/20</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>50% WD: 6/6</td>
<td>Final WD: 6/10</td>
</tr>
<tr>
<td>SPA 101</td>
<td>Spanish for Beginners I</td>
<td>NU108</td>
<td>6/5-Final WD: 6/10</td>
<td></td>
</tr>
</tbody>
</table>

#### WEEK BEGINNING 6/9

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Days</th>
<th>Time</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC 260</td>
<td>Accounting Principles I</td>
<td>BR125</td>
<td>6/9-7/3</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>50% WD: 6/16</td>
<td>Final WD: 6/19</td>
</tr>
<tr>
<td>BIO 581</td>
<td>Pharmacology</td>
<td>NU111</td>
<td>6/10-7/10</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>50% WD: 6/18</td>
<td>Final WD: 6/24</td>
</tr>
<tr>
<td>BUS 497B</td>
<td>Selected Topics in Business</td>
<td>BL31</td>
<td>6/10-6/14</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>50% WD: 6/10</td>
<td>Final WD: 6/12</td>
</tr>
<tr>
<td>CHM 351</td>
<td>Organic Chemistry I</td>
<td>NU108</td>
<td>6/9-7/11</td>
<td>Lab-CH339</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>50% WD: 6/18</td>
<td>Final WD: 6/24</td>
</tr>
<tr>
<td>CPS 550</td>
<td>Alcoholism Counseling</td>
<td>MTR</td>
<td>6/9-6/27</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>50% WD: 6/12</td>
<td>Final WD: 6/17</td>
</tr>
<tr>
<td>CPS 670</td>
<td>Counseling Theory</td>
<td>MTR</td>
<td>6/9-6/27</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>50% WD: 6/12</td>
<td>Final WD: 6/17</td>
</tr>
<tr>
<td>CPS 675</td>
<td>Group Guidance &amp; Counseling</td>
<td>MTR</td>
<td>6/9-6/27</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>50% WD: 6/12</td>
<td>Final WD: 6/17</td>
</tr>
<tr>
<td>ECO 150</td>
<td>Contemporary Economics</td>
<td>BR128</td>
<td>6/9-6/26</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>50% WD: 6/12</td>
<td>Final WD: 6/17</td>
</tr>
<tr>
<td>ECO 202</td>
<td>Principles of Economics:</td>
<td>BR127</td>
<td>6/9-7/7</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MICRO</td>
<td></td>
<td>50% WD: 6/16</td>
<td>Final WD: 6/18</td>
</tr>
<tr>
<td>MGT 310</td>
<td>Management Principles</td>
<td>BR129</td>
<td>6/9-7/3</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>50% WD: 6/16</td>
<td>Final WD: 6/19</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Days</td>
<td>Location</td>
<td>Time</td>
</tr>
<tr>
<td>-------------</td>
<td>--------------------------------------------------</td>
<td>--------</td>
<td>------------</td>
<td>---------------</td>
</tr>
<tr>
<td>MKT 345</td>
<td>Sales</td>
<td>M T W</td>
<td>BR129 BL23</td>
<td>1045-1325</td>
</tr>
<tr>
<td>PHY 201</td>
<td>General Physics I</td>
<td>M T W R</td>
<td>CH111</td>
<td>0800-1210</td>
</tr>
<tr>
<td>PHY 201</td>
<td>General Physics I</td>
<td>M T W R</td>
<td>CH111</td>
<td>1700-2110</td>
</tr>
<tr>
<td>BIO 183</td>
<td>General Biology I</td>
<td>M T W R</td>
<td>NU323</td>
<td>0815-1300</td>
</tr>
<tr>
<td>CHM 201</td>
<td>General Chemistry I</td>
<td>M T W R</td>
<td>CR101</td>
<td>0800-1300</td>
</tr>
<tr>
<td>CHM 201</td>
<td>General Chemistry I</td>
<td>M T W R</td>
<td>CR103</td>
<td>0900-1400</td>
</tr>
<tr>
<td>SEC 491</td>
<td>Seminar in Superv. Teaching</td>
<td>M T W R</td>
<td>FH206/7</td>
<td>0830-1300</td>
</tr>
<tr>
<td>IED 581</td>
<td>Industrial Education Workshop</td>
<td>M T W R</td>
<td>A27</td>
<td>1200-1700</td>
</tr>
<tr>
<td>IET 466</td>
<td>Workshop in IED</td>
<td>M T W R</td>
<td>A27</td>
<td>1200-1700</td>
</tr>
<tr>
<td>PED 204</td>
<td>Anatomy and Physiology</td>
<td>M T W R</td>
<td>PA101</td>
<td>0800-1200</td>
</tr>
<tr>
<td>SAF 202</td>
<td>First Aid</td>
<td>M T W R</td>
<td>P103</td>
<td>1230-1415</td>
</tr>
<tr>
<td>SAF 335</td>
<td>Driver Education</td>
<td>M T W R</td>
<td>P104</td>
<td>0900-1140</td>
</tr>
<tr>
<td>SAF 581</td>
<td>Teaching Advanced First Aid and Personal Safety</td>
<td>M T W R</td>
<td>P104</td>
<td>1230-1530</td>
</tr>
</tbody>
</table>

**WEEK BEGINNING**

**6/16**

- **BIO 181** Principles of Biology I
  - Days: M T W R
  - Location: NU321 CH201
  - Time: 1730-2050
  - Dates: 6/16-7/10
  - Weighted Distribution: 50% WD: 6/23-Final

- **PHYS 201** General Physics I
  - Days: M T W R
  - Lecturer: CH111
  - Laboratory: CH334
  - Time: 0800-1210
  - Dates: 6/9-7/3
  - Weighted Distribution: 50% WD: 6/16-Final

- **BUS 497C** Selected Topics in Business
  - Days: M T W R
  - Location: BL31
  - Time: 0900-1200
  - Dates: 6/17-6/21
  - Weighted Distribution: 50% WD: 6/17-Final

- **CHM 201** General Chemistry I
  - Days: M T W R
  - Location: CR101 CH316
  - Time: 0800-1300
  - Dates: 6/16-7/10
  - Weighted Distribution: 50% WD: 6/23-Final

- **CHM 201** General Chemistry I
  - Days: M T W R
  - Location: CR103 CH319
  - Time: 0900-1400
  - Dates: 6/16-7/10
  - Weighted Distribution: 50% WD: 6/23-Final
SAF 582 Driver Education Teacher Certifi. Prog. MTWRF P104 Lot #8
0900-1200 6/23-7/11
50% WD: 6/27-Final WD: 7/1

SPA 102 Spanish for Beginners II MTWRF HH316
1715-2100 6/23-7/10
50% WD: 6/26-Final WD: 7/1

TED 111 Graphic Representation MTWR AR47
1830-2200 6/23-7/31
50% WD: 7/3-Final WD: 7/10

TED 312 Machine Drawing MTWR AR47
1830-2200 6/23-7/31
50% WD: 7/3-Final WD: 7/10

TED 466 Workshop MTWR A40/A44
0900-1600 6/23-6/27

WEEK BEGINNING 6/30

PHI 101 Intro. to Philosophy MWR HH105
1030-1230 6/30-7/31
50% WD: 7/9-Final WD: 7/15

PHY 556 Science in Industry MTR CH139
1300-1515 6/30-7/31
50% WD: 7/8-Final WD: 7/14

RDG 682 Prac. Diag. Procedure MTR FH211
1045-1425 6/30-7/31
50% WD: 7/8-Final WD: 7/14

HED 150 Contemp. Health Prob. MTR PA103
0800-0945 6/30-7/31
50% WD: 7/8-Final WD: 7/14

WEEK BEGINNING 7/7

ACC 261 Accounting Principles II MTWR BL128
0800-1030 7/7-7/31
50% WD: 7/14-Final WD: 7/17

PHY 202 General Physics II Lect:CH111 Lab:CH301
0800-1210 7/7-7/31
50% WD: 7/14-Final WD: 7/17

WEEK BEGINNING 7/14

BIO 182 Principles of Biology II Lect:NU321 Lab:CH201
1730-2050 7/14-8/7
50% WD: 7/21-Final WD: 7/24

BIO 184 General Biology II MTR NU323-0800 CH217-1030
0800-1245 7/14-8/7
50% WD: 7/21-Final WD: 7/24

BIO 481/593 Coastal Plain Ecology 8/1, 2, 3-All Day CH215
7/14-1900-2200
50% WD: 7/15-Final WD: 8/1

CHM 202 General Chemistry II MTWR CR101 Lab-CH316
0800-1300 7/14-8/7
50% WD: 7/21-Final WD: 7/24

CHM 202 General Chemistry II MTWR CR103 Lab-CH319
0900-1400 7/14-8/7
50% WD: 7/21-Final WD: 7/24

CHM 352 Organic Chemistry II MTWR NU108 Lab-CH339
0930-1320 7/14-8/15
50% WD: 7/23-Final WD: 7/29

WEEK BEGINNING 8/4

BUS 500B Workshop in Business BL
8/4-8/11
50% WD: 8/4-Final WD: 8/6
6th ANNUAL PROGRAM
SUMMER 1986

GRADUATE STUDY IN
MALLORCA SPAIN

GRADUATE STUDY IN MALLORCA SPAIN
GRADUATE STUDY IN MALLORCA SPAIN
GRADUATE STUDY IN MALLORCA SPAIN
GRADUATE STUDY IN MALLORCA SPAIN
GRADUATE STUDY IN MALLORCA SPAIN
GRADUATE STUDY IN MALLORCA SPAIN
GRADUATE STUDY IN MALLORCA SPAIN

TRENTON STATE COLLEGE

In cooperation with
The American School of Mallorca
Graduate Study
PURPOSE
In 1981, Trenton State College established a summer overseas campus at the American School of Mallorca to provide graduate courses and in-service training which may be counted towards a master's degree in education or for additional certification as supervisor, principal, superintendent of schools, and as Teacher of English as a Second Language. In-service workshops or courses may also be offered on site at a requesting school.

LOCATION
Classes and housing accommodations will be at the American School of Mallorca which is located six miles from Palma in the seaside village of Portals Nous, Mallorca, Spain.

DATES AND TIMES
Session I (6 s.h.)
Session II (3 s.h.)
Classes are held from 8:00-12:15 in the mornings, Monday through Friday.

June 30-July 25, 1986
July 29-August 8, 1986
SESSION I: June 30-July 25, 1986

OPTION A: ADMINISTRATION (6 s.h.)
SEC 525 Introduction to Educational Administration (9037) AND
ELM 553 Administration of Modern Elementary School (9013)
OR
SEC 526 Administration of Modern Secondary School (9039)

OPTION B: CURRICULUM (6 s.h.)
SEC 514 Curriculum Theory and Practice (9031) AND
ELM 555 Advanced Study in Elementary Curriculum (9015)
OR
SEC 530 Secondary School Curriculum (9041)

OPTION C: SUPERVISION (6 s.h.)
SEC 520 Staff Supervision (9033) AND
ELM 550 Supervision in Elementary Education (9011)
OR
SEC 522 Supervision in Secondary Education (9035)

OPTION D: ENGLISH AS A SECOND LANGUAGE (6 s.h.)
EDF 578 English as a Second Language for the Bilingual Teacher (9003) AND
EDF 585 Methods and Materials for ESL (9005)

OPTION E: COMPUTERS (6 s.h.)
ELM 562 Computer Applications in Education (9017) AND
ELM 564 Computer Assisted Instruction/Management (9019)

OPTION F: FOUNDATIONS (6 s.h.)
EDF 600 Introduction to Research (9007) AND
EDF 580 Social Foundations of Urban Education (9009)

OPTION G: ELEMENTARY EDUCATION (6 s.h.)
ELM 663 Advanced Trends in Elementary Education (9023) AND
ELM 696 General Seminar in Elementary Education (9025)

SESSION II: July 28-August 8, 1986

OPTION H: CURRICULUM (3 s.h.)
SEC 514 Curriculum Theory and Practice (9031)

OPTION I: SUPERVISION (3 s.h.)
SEC 520 Staff Supervision (9033)

OPTION J: ENGLISH AS A SECOND LANGUAGE (3 s.h.)
ENG 510 Structure and Phonology of American English (9027)

OPTION K: COMPUTERS (3 s.h.)
ELM 564 Classroom Computer Assisted Instruction and Management (9019)

OPTION L: GUIDANCE (3 s.h.)
CPS 660 Organization and Administration of Counseling and Personnel Services (9001)

OPTION M: PSYCHOLOGY (3 s.h.)
PSY 623 Advanced Child Growth and Development (9029)

OPTION N: INTERNATIONAL EDUCATION (3 s.h.)
ELM 597 History and Development of International and Overseas Education (9021)
Students may choose to register for three (3), six (6), or nine (9) semester hours of study during the six-week summer program. During Session I, all students attending must register for one option block of six semester hours credit. Students wishing to complete nine semester hours of study would register for an additional three semester hours credit in Session II. Those students wishing to complete only three semester hours of study would register just for Session II.

Indicate your first choice among the offerings listed above. If your first choice is not available and you will accept an alternate choice, please indicate that as well. Note that Options A, B, and C require choosing between elementary and secondary areas for the specific courses.

FOR FURTHER INFORMATION, PLEASE WRITE TO OR CALL:

Dr. Leon Durkin, Coordinator
Graduate Study in Mallorca
Trenton State College, FH 367
Hillwood Lakes, CN 550
Trenton, NJ 08625
Telephone: (609) 771-2251

GRADUATE CREDIT

Prospective students desiring to receive graduate credit must be admitted as graduate students to the college. Upon receipt of the deposit, each new applicant will be sent a form to apply for matriculated or non-matriculated status. This form should be completed and returned as soon as possible. Official transcripts of all previous graduate and undergraduate work should be requested to be sent to the coordinator of the Mallorca program.

Master's degree candidates should take the Foundations and Psychology courses at the first possible opportunity. These are required core courses for the degree.
### SUMMER COURSES June 9-July 31

<table>
<thead>
<tr>
<th>Class #</th>
<th>Course #</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td><strong>Monday and Wednesday 5:00-7:30 p.m.</strong></td>
<td></td>
</tr>
<tr>
<td>7004</td>
<td>ART 101</td>
<td>Foundations of Art</td>
<td>3</td>
</tr>
<tr>
<td>7008</td>
<td>CRJ 205</td>
<td>History and Philosophy of Corrections</td>
<td>3</td>
</tr>
<tr>
<td>7018</td>
<td>MAT 115</td>
<td>Statistics I</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Monday and Wednesday 7:40-10:10 p.m.</strong></td>
<td></td>
</tr>
<tr>
<td>7006</td>
<td>BDE 210</td>
<td>Introduction to Business</td>
<td>3</td>
</tr>
<tr>
<td>7010</td>
<td>CRJ 491</td>
<td>Topics in Criminal Justice</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>“Hostage Crises &amp; Terrorism”</td>
<td></td>
</tr>
<tr>
<td>7016</td>
<td>MAT 101</td>
<td>Foundations of Mathematics</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Tuesday and Thursday 5:00-7:30 p.m.</strong></td>
<td></td>
</tr>
<tr>
<td>7002</td>
<td>AOM 312</td>
<td>Office Management</td>
<td>3</td>
</tr>
<tr>
<td>7012</td>
<td>ENG 107</td>
<td>Composition I</td>
<td>3</td>
</tr>
<tr>
<td>7014</td>
<td>GGR 101</td>
<td>Physical Environment and Man</td>
<td>3</td>
</tr>
<tr>
<td>7024</td>
<td>PSY 331</td>
<td>Abnormal Psychology</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Tuesday and Thursday 7:40-10:10 p.m.</strong></td>
<td></td>
</tr>
<tr>
<td>7020</td>
<td>MGT 313</td>
<td>Personnel Administration</td>
<td>3</td>
</tr>
<tr>
<td>7022</td>
<td>PSY 101</td>
<td>Introductory Psychology I</td>
<td>3</td>
</tr>
<tr>
<td>7026</td>
<td>SOC 315</td>
<td>American Minority Groups</td>
<td>3</td>
</tr>
</tbody>
</table>

**Registration** for McGuire A.F.B. & Ft. Dix courses **ONLY**

**Mail Registration**

May 1-June 6  
Submit Registration Forms to:  
Division of Continuing Studies  
Trenton State College  
Hillwood Lakes CN 550  
Trenton, NJ 08625

**In-Person Registration**

Wednesday, May 28  
Education Office, McGuire A.F.B.  
5:00-8:00 p.m.

**Late Registration**

June 10 & 11  
Tuesday & Wednesday, 4:30-8:00 p.m.  
Education Office, McGuire A.F.B.  
Late Registration Fee: $15.00

**PAYMENTS:** TO BE MADE AT THE TIME OF REGISTRATION, IN THE FORM OF CHECK OR MONEY ORDER ONLY, PAYABLE TO TRENTON STATE COLLEGE.

Withdrawal from Courses and Refund of Tuition:  
Withdrawal before session begins—100% refund.  
Withdrawal before June 27—50% refund.  
Withdrawal after June 27—no refund.  
A student may not withdraw from school officially after July 17, 1986.
This Summer at TRENTON STATE COLLEGE
June 30-July 31
GEOLOGY OF NEW JERSEY

NO PREREQUISITE

For Information contact:
Division of Continuing Studies
Trenton State College
Hillwood Lakes CN 550
Trenton, New Jersey 08625
Telephone: (609) 771-2255

Geological tour of New Jersey comparing and contrasting its 5 geologic provinces.
(For course description see page 16 & 40.)
ART AS SURVIVAL: a cross-cultural exploration of ritual and the arts

an interdisciplinary graduate study

JUNE 30-JULY 31

FOR FURTHER INFORMATION CONTACT:
Division of Continuing Studies
Trenton State College
Hillwood Lakes CN 550
Trenton, New Jersey 08625
Telephone: (609) 771-2255

For course description see page 39.
Marine Studies at the Jersey Shore

Spring-Summer - 1986

Marine Biology*
Coastal Studies *
Field Methods *
Oceanography*
Basic Scuba-NAUI Certification

*NEW POLICY—THESE COURSES ARE NOW GUARANTEED

Scholarship/Financial Aid is available
Contact: Dr. Albert Eble
609-771-2531
DIRECTIONS TO THE CAMPUS

Railroad
Trenton is on the main service line of AMTRAK. The railroad station is located in the city five miles from the campus. Public transportation from the station to the college necessitates first taking a bus from the station to State and Broad and there connecting with a Pennington Road bus to campus. Taxi service to the campus is also available.

Plane
The Mercer County Airport is located within two miles of the campus. USAir Airlines has several flights a day between Trenton, Philadelphia, Newark, Chicago, and Washington, D.C. Taxi service is available at the airport.

Automobile
The college is most easily reached by automobile. Trailblazers at key intersections near the college will help with directions.

From Newark and North Jersey:
Persons coming from North Jersey using the New Jersey Turnpike should exit at New Brunswick (Exit 9) and then follow Rt. 1 South.
*Leave Rt. 1 at I-295 to 95 and travel south (toward Pennsylvania) to the Pennington Road (Rt. 31) south exit, Exit 4. Continue on Pennington Road south through the traffic light (at the Ewingville Road intersection) to the college. The college is on the left about .4 mile from the light.
Or you may travel south on Rt. 95 (as above, toward Pennsylvania) and exit at the Federal City Road south until the stop sign, turn right onto Ewingville Road and continue to the traffic light, turn left onto Pennington Road south (Rt. 31). The college is on the left about .4 mile from the light.

From Pennsylvania
Follow I-95 North and cross the Scudder Falls Bridge to Rt. 31, Exit 4A. Take Rt. 31 South to the college.

From Asbury Park-Freehold area:
Take Rt. 33 West to Hightstown. Continue to light at Stockton St. (Rt. 57W). Turn right (toward Princeton) and proceed to Penns Neck. Turn left onto Rt. 1 South and follow from * above.

From Northwest New Jersey:
Follow Rt. 202 until it intersects Rt. 31 at Flemington. Continue along Rt. 31 until you reach the college. This is about .4 mile past the traffic light at Ewingville.

From South Jersey:
At the Whitehorse Circle on Route 206, take Route 533 (Whitehorse-Mercerville Road) for 1.4 miles to Kuser Road. At this intersection, turn left onto Kuser Road and proceed .6 miles to 295. From this point travel 8.7 miles on Rt. I-295/95 and follow from * above.
### TABLE OF GRADUATE TUITION AND FEES*

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>In-State Tuition</th>
<th>Out-of State Tuition</th>
<th>I.D. Fee</th>
<th>Student Center Fee</th>
<th>General Service Fee</th>
<th>Total In-State</th>
<th>Total Out-of-State</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>$ 74.00</td>
<td>$ 94.00</td>
<td>$ 1.00</td>
<td>$ 1.50</td>
<td>$ 6.50</td>
<td>$83.00</td>
<td>$103.00</td>
</tr>
<tr>
<td>2</td>
<td>148.00</td>
<td>188.00</td>
<td>1.00</td>
<td>3.00</td>
<td>13.00</td>
<td>165.00</td>
<td>205.00</td>
</tr>
<tr>
<td>3</td>
<td>222.00</td>
<td>282.00</td>
<td>1.00</td>
<td>4.50</td>
<td>19.50</td>
<td>247.00</td>
<td>307.00</td>
</tr>
<tr>
<td>4</td>
<td>296.00</td>
<td>376.00</td>
<td>1.00</td>
<td>6.00</td>
<td>26.00</td>
<td>329.00</td>
<td>409.00</td>
</tr>
<tr>
<td>5</td>
<td>370.00</td>
<td>470.00</td>
<td>1.00</td>
<td>7.50</td>
<td>32.50</td>
<td>411.00</td>
<td>511.00</td>
</tr>
<tr>
<td>6</td>
<td>444.00</td>
<td>564.00</td>
<td>1.00</td>
<td>9.00</td>
<td>39.00</td>
<td>493.00</td>
<td>613.00</td>
</tr>
<tr>
<td>7</td>
<td>518.00</td>
<td>658.00</td>
<td>1.00</td>
<td>10.50</td>
<td>45.50</td>
<td>575.00</td>
<td>715.00</td>
</tr>
<tr>
<td>8</td>
<td>592.00</td>
<td>752.00</td>
<td>1.00</td>
<td>12.00</td>
<td>52.00</td>
<td>657.00</td>
<td>817.00</td>
</tr>
<tr>
<td>9</td>
<td>666.00</td>
<td>846.00</td>
<td>1.00</td>
<td>13.50</td>
<td>58.50</td>
<td>739.00</td>
<td>919.00</td>
</tr>
<tr>
<td>10</td>
<td>740.00</td>
<td>940.00</td>
<td>1.00</td>
<td>15.00</td>
<td>65.00</td>
<td>821.00</td>
<td>1021.00</td>
</tr>
<tr>
<td>11</td>
<td>814.00</td>
<td>1034.00</td>
<td>1.00</td>
<td>16.50</td>
<td>71.50</td>
<td>903.00</td>
<td>1123.00</td>
</tr>
<tr>
<td>12</td>
<td>888.00</td>
<td>1128.00</td>
<td>1.00</td>
<td>18.00</td>
<td>78.00</td>
<td>985.00</td>
<td>1225.00</td>
</tr>
</tbody>
</table>

*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.