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 53  February 1984  Number 2
WE’RE GLAD TO HAVE YOU AT TRENTON STATE COLLEGE FOR THE SUMMER WE’RE SURE YOU’LL LIKE OUR—

• flexible schedule
• guaranteed courses
• easy access to Philadelphia and New York

We are a fully-accredited, multipurpose institution, offering comprehensive graduate and undergraduate programs.

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

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

1. Choose your classes (course descriptions begin on p. 9).
2. Check your schedule for possible time conflicts (See p. 67).
3. Check admission and registration requirements (See p. 34 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 and Adult Education
   Trenton State College
   Hillwood Lakes CN 550
   Trenton, NJ 08625
   or: bring them to the Division of Continuing and Adult Education
   10 Green Hall
   Trenton State College Campus
   Mon.- Fri. 8:30 a.m. to 4:30 p.m.

(For in-person registration dates and times, see p. 6).

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

PLEASE NOTE: CLASSES SCHEDULED TO MEET WEDNESDAY, JULY 4 WILL MEET FRIDAY, JULY 6.
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NOTE: ALL CAMPUS OFFICES CLOSED ON FRIDAYS
WITH THE EXCEPTION OF JULY 6

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

Undergraduate enrollment in the summer session is open to:
1. college graduates;
2. students who are attending Trenton State College or other colleges and universities in good academic standing*;
3. high school students who will be seniors in September 1984;
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 either a transcript from the last school or college attended, or letter verifying good standing and granting permission to enroll at Trenton State College.
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; however, credits earned during the summer can be applied toward a degree.
2. High school seniors may also take credit courses which are applicable toward a degree at Trenton State College but must meet the following requirements:
   a. complete 3 years of secondary school with a “B” or higher scholastic average;
   b. submit a letter of recommendation and formal transcript from their high school guidance office; and
   c. complete the Application for Undergraduate Admission (Form B on inside back cover).

UNDERGRADUATE REGISTRATION PROCEDURES

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

TO REGISTER BY MAIL Between April 16 and May 18. Please note: Mail registration cannot be accepted beyond the postmark date of May 18.
1. Complete forms A and C; and B if not previously enrolled at Trenton State College.
2. Detach forms.
3. Enclose check or money order for $10.00 Application Fee (made payable to Trenton State College) if including Form B.

4. Enclose check or money order for Tuition and Fees (payable to Trenton State College) with the forms and mail to:
   Division of Continuing and Adult Education
   Trenton State College
   Hillwood Lakes CN 550
   Trenton, N.J. 08625

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

TO REGISTER IN PERSON Between May 21 and the deadline for the desired session:
1. Complete forms A, C, and B if not previously enrolled at Trenton State College.
2. Detach forms.
3. Bring the completed forms and your check(s) or money order(s) (payable to Trenton State College) to:
   Division of Continuing and Adult Education
   Room 109-Green Hall
   Trenton State College
Between the hours of 1:00-4:00 (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 Registrations Can Be Accepted After the Deadlines Stated.

MAIL REGISTRATION
April 16-May 18 Please note: Mail registration cannot be accepted beyond the postmark date of May 18.

IN-PERSON REGISTRATION BEGINS
May 21 1:00-4:00 p.m. Monday through Wednesday
5:00-8:00 p.m. Thursday

For classes beginning on June 4
May 21-May 31 In-person registration.
       June 4 Late registration ($15.00 late registration)

For classes beginning on June 18
May 21-June 14 In-person registration.
       June 18, 19, 20 Late registration ($15.00 late registration fee)

For classes beginning on June 25
May 21-June 21 In-person registration.
       June 25, 26 Late registration ($15.00 late registration fee)

For classes beginning on July 30
May 21-July 26 In-person registration.
       July 30 Late registration ($15.00 late registration fee)

FINAL DAY FOR REGISTERING FOR INDEPENDENT STUDY IS JUNE 25.
SUMMER CO-OPPORTUNITY

Salaries & Credits through Cooperative Education

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

WHAT DOES CO-OP OFFER A STUDENT?

- earn a salary
- earn up to 6 credits per summer
- gain professional work experience
- apply classroom learning to practical job situations
- develop contacts in your field
- focus on career goals
- experiment with career possibilities

WHO IS ELIGIBLE TO CO-OP?

To be eligible for a co-op job, a Trenton State student should:

- have completed two semesters of course work before a co-op job starts (at least 24-32 credits, including credits transferred from another college);
- be matriculated at Trenton State College as an undergraduate;
- 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 90 percent of Trenton State co-op students work in paying jobs. The remaining 10 percent choose to co-op with community service organizations in volunteer positions. The only fee required for co-op is the standard college registration fee for 3 or 6 academic credits.

HOW DO STUDENTS GET STARTED?

Stop by the Cooperative Education Center, 207 Green Hall or telephone the center at (609) 771-2161.

385/Cooperative Education 3, 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. This level may be taken for a total of six semester hours.

399/Cooperative Education 3, 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. This level may be taken for a total of six semester hours.

480/Cooperative Education 3, 6 cr.
Specifically oriented to the academic major with recognition of career objectives. Taken only with permission of faculty coordinator. Credit applied to major. This level may be taken for a total of six semester hours.

For additional information about co-op, contact the Cooperative Education Center, Trenton State College, Hillwood Lakes CN 550, Trenton, New Jersey 08625, 609-771-2161.
### Art

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 101</td>
<td>Foundations of Art</td>
<td>3 cr.</td>
<td>(75 minutes lecture, 100 minutes studio) Personal and social meanings of art and their expression through technique, composition and subject. Art processes, principles of design and interpretations of symbols of an art investigated through illustrated lectures, alternating with studio work in a variety of materials. 6/25-7/27 MTR 0800-1040 HH 374 Instructor: Rigby Class #5005 6/25-7/27 MTR 1045-1325 HH 374 Instructor: Rigby Class #5007</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 105</td>
<td>Introduction to Art</td>
<td>3 cr.</td>
<td>History (3 class hours) A survey of the history of Western art. It serves as a framework for all other art history offerings and makes the student aware of the sequence of the cultural periods. 6/25-7/27 MTR 1340-1620 FH 130 Instructor: Lehman Class #5009</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 480</td>
<td>Cooperative Education in Art III</td>
<td>3,6 cr.</td>
<td>(See COOPERATIVE EDUCATION for description.)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 499</td>
<td>Independent Study</td>
<td>1-6 cr.</td>
<td>Prerequisites: Enrollment in the upper division art major, three courses in the area of study with a B+ average in these courses. Preregistration with approval of an art faculty sponsor and of department chairperson. Individual, self-guided course of work and study for the advanced student under the supervision of a faculty adviser and/or committee. Opportunity to develop personal interests and strength within the major field. May be repeated. Hours: TBA ART 499A Class #5013 1 cr. ART 499B Class #5015 2 cr. ART 499C Class #5017 3 cr. ART 499D Class #5019 4 cr. ART 499E Class #5021 5 cr. ART 499F Class #5023 6 cr. Coordinator: Goldstein</td>
</tr>
</tbody>
</table>

### Astronomy

<table>
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<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AST 161</td>
<td>Descriptive Astronomy</td>
<td>3 cr.</td>
<td>(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. 6/25-7/27 MTR 1045-1325 CH 114 Instructor: Hlack Class #5047 6/25-7/27 MTR 1935-2215 CH 114 Instructor: Pregger Class #5049</td>
</tr>
</tbody>
</table>

### Biology

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 181-182</td>
<td>Principles of Biology I and II</td>
<td>3,3 cr.</td>
<td>(2 class hours and 2 laboratory hours) Restriction: Not to be taken by biology majors without permission from the chairperson of the biology department. Major principles of biology as they relate to man. The evolution of man from vertebrates in general and primates in particular; topics in birth control, human embryology, human genetics and human ecology. BIO 181 6/11-7/6 Lect: NU 323 Lab: Ch 201 Class #5053 BIO 182 7/9-8/2 Lect: NU 323 Lab: CH 201 Class #5055</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 183-184</td>
<td>General Biology I and II</td>
<td>4,4 cr.</td>
<td>(3 class hours and 3 laboratory hours) For biology majors. Fundamentals and cellular and subcellular structures, tissues, genetics, metabolism, and organismal biology: morphology and physiological function in plants and animals. BIO 183 6/11-7/6 Lect: NU 110 Lab: CH 217 Class #5057 BIO 184 7/9-8/2 Lect: NU 110 Lab: CH 217 Class #5059</td>
</tr>
</tbody>
</table>
BIO 443/Introduction to Freshwater Algae
1 cr.
(5 class hours and 20 laboratory hours)
Prerequisite: BIO 183-184 or permission of the instructor.
An introduction to the structure, function, ecology and taxonomy of freshwater algae. Laboratory and field experiences include sampling methodology, floristic analysis and ecological study of local ponds, lakes and streams.
BIO 443
7/9 1800-2200 CH 217
7/16 1800-2100 CH 217
7/14-7/15 ALL DAY
Class #5061 Instructor: Shevlin

BIO 461/Coastal Plain Ecology 1 cr.
(5 class hours and 20 laboratory hours)
Prerequisite: BIO 261 or equivalent.
Acquaints students with the ecology of one of the major land areas of New Jersey. Predominantly field studies, but lecture and student seminars will also be employed to investigate pine barrens, cedar swamp and salt-marsh environments.
BIO 461
7/23 1900-2200 CH 215
8/3-8/5 ALL DAY
Class #5063 Instructor: Heck

BIO 462/Ecology of New Jersey's Highlands 1 cr.
(5 class hours and 20 laboratory hours)
Prerequisite: BIO 261 or equivalent.
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.
BIO 462
6/11 1900-2200 CH215
6/15-6/17 ALL DAY
Class #5065 Instructor: Heck

BIO 385/Cooperative Education in Biology I 3,6 cr.
BIO 399/Cooperative Education in Biology II 3,6 cr.
BIO 480/Cooperative Education in Biology III (See COOPERATIVE EDUCATION for description.) 3,6 cr.
BIO 499/Independent Study in Biology 1-6 cr.
Prerequisite: Approval of the chairperson.
Student pursues an original research project under the direction of a supervising professor. Research culminates in an oral presentation to students and faculty.

Marine Sciences Consortium at Seaville and Sandy Hook

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

Courses to be given at Sandy Hook

BIO 132A/NJ Marine Sciences 4 cr.
Consortium Intro. to Marine Sciences 7/2-8/10 MTWRF
Class #5083

BIO 433A/Introduction to Marine Biology 4 cr.
7/2-8/10 MTWRF
Class #5087

BIO 499/Biology of Marine Fishes 4 cr.
7/16-8/10 MTWRF
Class #5091

Coastal Marine Geology 4 cr.
6/2-7/27 MTWRF
Class #5093

BIO 499/Marine Science Education 3 cr.
6/2-7/13 MTWRF
Class #5095

BIO 499/Independent Study in Marine Science 1-4 cr.
Hours: TBA
Class #5097 1 cr.
Class #5099 2 cr.
Class #5101 3 cr.
Class #5103 4 cr.
### Courses to be given at Seaville

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
<th>Start Date</th>
<th>End Date</th>
<th>Meeting Times</th>
<th>Instructor(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 132A/ Marine Sciences</td>
<td>4 cr.</td>
<td>6/25 -7/11</td>
<td>MTWRF</td>
<td>Class #5079</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIO 132A/Introduction to Marine Sciences</td>
<td>4 cr.</td>
<td>6/25-8/8</td>
<td>TWR</td>
<td>Class #5081</td>
<td>1800-2115</td>
<td></td>
</tr>
<tr>
<td>BIO 433A/Introduction to Marine Biology</td>
<td>4 cr.</td>
<td>7/2-7/27</td>
<td>MTWRF</td>
<td>Class #5085</td>
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<td></td>
</tr>
<tr>
<td>BIO 499/Field Methods in Marine Science</td>
<td>4 cr.</td>
<td>7/16-8/10</td>
<td>MTWRF</td>
<td>Class #5089</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIO 499/Independent Study in Marine Sciences</td>
<td>1-4 cr.</td>
<td>Hours: TBA</td>
<td>Class #5105</td>
<td>1 cr.</td>
<td></td>
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<tr>
<td>Class #5107</td>
<td>2 cr.</td>
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<tr>
<td>Class #5109</td>
<td>3 cr.</td>
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<tr>
<td>Class #5111</td>
<td>4 cr.</td>
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<tr>
<td>Bio 499/Basic Scuba</td>
<td>0 cr.</td>
<td>7/23-7/29</td>
<td>Class #5115</td>
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</tbody>
</table>

### Chemistry

#### CHM 201-202/General Chemistry 4,4 cr.

**I and 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 equilibria, periodicity and properties. Quantitative experiments coordinated with lectures. A working knowledge of elementary algebra is assumed.

**CHM 201**

6/18-7/12 | MTWR 0800-1300 | Instructor: Dumas

| Lect: NU 111 | Lab: CH 319 | Class #5185 |

**CHM 202**

7/16-8/9 | MTWR 0800-1300 | Instructor: Adler

| Lect: NU 111 | Lab: CH 319 | Class #5189 |

---

**CHM 202**

7/16-8/9 | MTWR 0900-1400 | Instructor: Aagaard

| Lect: NU 321 | Lab: CH 316 | Class #5191 |

**CHM 350/Fundamentals of Organic Chemistry** 3 cr.

(3 class hours)

**Restriction:** Not applicable to chemistry major.

**Prerequisite:** CHM 202.

A study of the homologous series of organic compounds with special emphasis on clinical applications.

**CHM 350**

6/4-6/15 | MTWR 1700-2100 | Instructor: Dumas

| Class #5193 |

**CHM 351-352/Organic Chemistry** 5,5 cr.

**I and 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, alicyclic, aromatic and heterocyclic compounds.

**CHM 351**

6/11-7/13 | MTWR 0930-1320 | Instructor: Nechamkin

| Lect: CH 101 | Lab: CH 339 | Class #5195 |

**CHM 352**

7/16-8/17 | MTWR 0930-1320 | Instructor: Nechamkin

| Lect: CH 101 | Lab: CH 339 | Class #5197 |

**CHM 370/Fundamentals of Chemical Instrumentation** 3 cr.

(1 class hour and 4 laboratory hours)

**Prerequisites:** CHM 352 or 354.

**Restriction:** Not applicable to chemistry major.

A laboratory course emphasizing the use and application of specialized chemical instruments.

**CHM 370**

6/11-7/12 | MTR 1700-2110 | Instructor: Aagaard

| Lect: NU 321 | Lab: CH 337 | Class #5199 |

**CHM 395/Cooperative** 3,6 cr.

Education in Chemistry I

**CHM 399/Cooperative** 3,6 cr.

Education in Chemistry II
**Criminal Justice**

**CRJ 250/White Collar Crime**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRJ 250</td>
<td>3 cr.</td>
<td>CRJ 100</td>
</tr>
</tbody>
</table>

An investigation and analysis of white collar crime in American society. Based on the major classic and contemporary writings in this area of law violation, this course is designed to explore white collar crime in relation to the political economy, corporate and government organization, the legal system, and structural and cultural features of the workplace.

6/25-7/27 MTR 1340-1620
BL 235 Instructor: Fenwick
Class #5209

**CRJ 310/Juvenile Delinquency**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRJ 310</td>
<td>3 cr.</td>
<td>Criminal Justice major and permission of instructor</td>
</tr>
</tbody>
</table>


6/25-7/27 TR 1700-2110
BL 233 Instructor: Nittoli
Class #5211

**Computer Science**

**CSC 108/Elements of Computing**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSC 108</td>
<td>3 cr.</td>
<td>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.</td>
</tr>
</tbody>
</table>

6/18-7/27 MTR 0800-1015
HH 120 Instructor: Staff
Class #5329

6/18-7/27 MTR 1700-1915
HH 120 Instructor: Staff
Class #5331
CSC 215/Introduction to Computer Science I
(3 class hours)
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.
6/18-7/27 MTR 0800-1015
HH 124 Instructor: Staff
Class #5333
6/18-7/27 MTR 1300-1515
HH 118 Instructor: Staff
Class #5335
6/18-7/27 MTR 1930-2145
HH 117 Instructor: Staff
Class #5337

CSC 499/Independent Study in Computer Science
Prerequisite: By invitation only.
A student will study independently an appropriate area. A department member will be assigned to advise the student.
Hours: TBA
CSC 499A Class #5339 1 cr.
CSC 499B Class #5341 2 cr.
CSC 499C Class #5343 3 cr.
Coordinator: Conjura

CTH 100/Speech I: Fundamentals
(3 class hours)
The techniques of public speaking. Attention given to speaker-listener relationships, management and choice of ideas; selection and organization of materials; use of language; non-verbal elements.
CTH 100
6/18-7/27 MTR 1700-1915
KE 113 Instructor: Staff
Class #5233

CTH 100
6/25-7/27 MTR 0800-1040
KE 113 Instructor: McLeod
Class #5235

CTH 100
6/25-7/27 MTR 1340-1620
KE 113 Instructor: Staff
Class #5237

CTH 108/Performance Credit
(1 class hour)
Participation in theatre activity, intercollegiate forensics, radio production. (P/U grading).

CTH 108A
Hours: TBA
Class #5239
Coordinator: McCullough

CTH 108B
Hours: TBA
Class #5241
Coordinator: McCullough

CTH 486/Internship in Communication and Theatre
Prerequisite: Approval of department chairperson.
Supervised field experiences in approved areas; coordinated by faculty.
CTH 486
Hours: TBA
Class #5243
Coordinator: McCullough

CTH 480/Cooperative
(See COOPERATIVE EDUCATION for description.)

CTH 499/Independent Study in Communication and Theatre
Prerequisite: Approval of department chairperson.
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 #5245 1 cr.
CTH 499B Class #5247 2 cr.
CTH 499C Class #5249 3 cr.
CTH 499D Class #5251 4 cr.
CTH 499E Class #5253 5 cr.
CTH 499F Class #5255 6 cr.
Coordinator: McCullough

English

ENG 107/Composition I
(3 class hours)
Understanding and practicing the relationships between reading and writing with emphasis on writing essays.
ENG 107/Composition I
6/25-7/27 MTR 1045-1325
HH 315 Instructor: Murray
Class #5259

ENG 109/Composition II
(3 class hours)
Prerequisite: English 107.
Study and practice of major forms of writing, emphasizing the writing of a research paper.
ENG 109/Composition II
6/25-7/27 MTR 1045-1325
HH 252 Instructor: Novick
Class #5261
ENG 222/Short Story 3 cr.
(3 class hours)
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.

ENG 222
6/18-7/27 MTWR 0830-1010
HH 316  Instructor: Brazell
Class #5263

ENG 222
6/18-7/27 MTR 1030-1245
HH 253  Instructor: DeMeritt
Class #5265

ENG 227/Major Themes in American Literature 3 cr.
(3 class hours)
Prerequisite: English 107. Not applicable to the English major.
An introductory survey of some recurring themes in American literature, such as man, God and nature; and man and society.
6/25-7/27 MTR 1045-1235
HH 316  Instructor: Thomas
Class #5267

ENG 228/English Literature to the Restoration 3 cr.
(3 class hours)
Prerequisite: English 107.
Selected works of major English writers and their milieu, from the Anglo-Saxon Age to the Restoration period.
6/18-7/27 MTWR 0830-1010
HH 304  Instructor: Erath
Class #5269

ENG 233/Women Writers 3 cr.
(3 class hours)
Prerequisite: English 107.
An examination of women as serious writers in the major genres from the 17th century to the present.
6/4-6/15 MTWRF 0800-1600
HH 372  Instructor: Friedman
Class #5271

ENG 246/The Film 3 cr.
(3 class hours)
Prerequisite: English 107.
Background and development of the motion picture; film technique and aesthetics; film criticism.
6/25-7/27 MTR 0800-1040
HH 372  Instructor: Novick
Class #5273

ENG 345/Studies in Literature 3 cr.
(3 class hours)
Worlds unseen, worlds better or, at any rate, different have been given shape by writers over the ages. Explore the visions of Mac-Donald, Tolkien, LeGuin, Lewis and others in a study of both serious and lighthearted attempts to create an exotic but coherent universe in which we can lose ourselves.
Focuses on a different topic each semester; e.g., The Bible as Literature, Asian Literature, the Twenties, Dostoevsky, etc.
6/25-7/27 MTWR 1030-1230
HH 304  Instructor: Brown
Class #5275

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

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

ENG 480/Cooperative Education in English III 3,6 cr.
(See COOPERATIVE EDUCATION for description.)

ENG 499A/Independent Study variable
Prerequisite: Junior standing.
Intensive study of a literary or linguistic problem chosen through consultation between student and instructor.
Hours: TBA
ENG 499A  Class #5277  1 cr.
ENG 499B  Class #5279  2 cr.
ENG 499C  Class #5281  3 cr.
ENG 499D  Class #5283  4 cr.
ENG 499E  Class #5285  5 cr.
ENG 499F  Class #5287  6 cr.
Coordinator: Diskin

Geoscience

GGR 101/Physical Environment and Man 3 cr.
(3 class hours)
Nature and cultural environments and their interrelationship. Basic features of the earth. Use of literature of geography, atlases, maps, and other devices useful in locating and interpreting the character of places.
6/25-7/27 MTR 1045-1325
FH 206  Instructor: Melvin
Class #5289

GGR 375/Man’s Impact on the Environment 3 cr.
(3 class hours)
Prerequisite: Either 3 s.h. of geography or, for environmental studies minors, junior standing.
Analysis of problems and policies arising from man’s misunderstanding and abuse of the environment; consequences of man-environment interrelationships with emphasis on their spatial distribution.
6/25-7/27 MTR 1340-1620
FH 206  Instructor: Hewitt
Class #5291
### History

**GOL 120/Introduction to Geology** 3 cr.  
(2 class hours and 2 laboratory hours)  
An introductory course in the principles of geology. Topics will include earthquakes, glaciers, volcanoes, natural resources, the evolution of the earth and life.  
6/25-7/27 MTR 0800-1040  
CH 139 Instructor: Hewitt  
Class #5293

**GGR 385/Cooperative Education in Geography I** 3,6 cr.  
6/25-7/27 MT R 0800-1040  
CH 139 Instructor: Hewitt  
Class #5293

**GGR 399/Cooperative Education in Geography II** 3,6 cr.  
6/25-7/27 MT R 0800-1040  
CH 139 Instructor: Hewitt  
Class #5293

**GGR 480/Cooperative Education in Geography III** 3,6 cr.  
(See COOPERATIVE EDUCATION for description.)  
6/25-7/27 MT R 0800-1040  
CH 139 Instructor: Hewitt  
Class #5293

**HIS 101/Western Civilization to 1648** 3 cr.  
(3 class hours)  
Political, social, economic and intellectual developments underlying western civilization from its beginning to the dawn of the Enlightenment.  
6/25-7/27 MTR 1340-1620  
EB 209 Instructor: Allen  
Class #5319

**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.  
6/25-7/27 MTR 1645-1925  
EB 209 Instructor: Faughnan  
Class #5321

**HIS 115/Introduction to U.S. History: Early** 3 cr.  
(3 class hours)  
Chronological survey of major developments in American history from colonial settlement through the period of reconstruction following the Civil War.  
6/25-7/27 MTR 1045-1325  
EB 208 Instructor: MacLaury  
Class #5323

**HIS 116/Introduction to U.S. History: Modern** 3 cr.  
(3 class hours)  
Chronological survey of major developments in American history beginning with reconstruction following the Civil War through the 1960's.  
6/25-7/27 MTR 0800-1040  
EB 208 Instructor: Faughnan  
Class #5325

**HIS 395/Cooperative Education in History I** 3,6 cr.  
6/25-7/27 MTR 0800-1040  
EB 208 Instructor: Faughnan  
Class #5325

**HIS 399/Cooperative Education in History II** 3,6 cr.  
6/25-7/27 MTR 0800-1040  
EB 208 Instructor: Faughnan  
Class #5325

**HIS 480/Cooperative Education in History III** 3,6 cr.  
(See COOPERATIVE EDUCATION for description.)  
6/25-7/27 MTR 0800-1040  
EB 208 Instructor: Faughnan  
Class #5325

**HIS 499/Independent Study in History** 3 cr.  
(See description.)  
6/25-7/27 MTR 0800-1040  
EB 208 Instructor: Faughnan  
Class #5325

**MAT 101/Foundations of Mathematics I** 3 cr.  
(3 class hours)  
A liberal studies course. Provides intuitive and formal experiences in development and appreciation of structural bases charac-
teristic of mathematics. Topics from: Logic, Sets, and Probability.
6/18-7/27  
HH 105  
Class #5345

MAT 104/Mathematics in the Liberal Arts  
(3 class hours)  
Liberal studies course. Topics selected from the history of mathematics; the inter-relation 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. 6/18-7/27  
HH 105  
Class #5349

MAT 115/Statistics I  
(3 class hours)  
Liberal studies course. Introduction to descriptive statistics and statistical inference. Topics include: averages, variability, histograms, probability, normal distribution, hypothesis testing. 6/18-7/27  
HH 105  
Class #5351

MAT 120/Elementary Mathematical Analysis  
(3 class hours)  
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. 6/18-7/27  
HH 105  
Class #5355

MAT 211/Introduction to Quantitative Analysis I  
(3 class hours each semester)  
Liberal studies course. A sequence in quantitative methods for students of business, accounting, and social sciences. Topics in MAT 211 include: algebra, linear methods and probability. 6/18-7/27  
HH 118  
Class #5359

MAT 225-226/Differential and Integral Calculus I and II  
(3 class hours each semester)  
Prerequisite: MAT 120 or equivalent.
Liberal studies course. Recommended for majors in biological science, chemistry, economics and engineering technology. Concepts and applications of differential and integral calculus with cartesian geometry developed intuitively. Functions, extrema, rates; geometric, physical and industrial applications. 6/18-7/27  
HH 118  
Class #5361

MAT 226  
6/18-7/27  
HH 118  
Class #5363

MAT 227-228/Calculus I,II  
(3 class hours each semester)  
Liberal studies course. A two-semester course in differential and integral calculus intended for majors in mathematical sciences and physics. Prerequisite for many higher level mathematics courses. Typical topics: limits, derivatives, integrals, transcendental functions, and techniques of integration. 6/18-7/27  
HH 118  
Class #5367

MAT 385/Cooperative Education in Mathematics I  
(3,6 cr.)

MAT 399/Cooperative Education in Mathematics II  
(3,6 cr.)

MAT 480/Cooperative Education in Mathematics III  
(See COOPERATIVE EDUCATION for description.)

MAT 498/Independent Study in Mathematics  
(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

MAT 498A  
Class #5369  
1 cr.

MAT 498B  
Class #5371  
2 cr.

MAT 498C  
Class #5373  
3 cr.

MAT 498D  
Class #5375  
4 cr.

MAT 498E  
Class #5377  
5 cr.

MAT 498F  
Class #5379  
6 cr.
Coordinator: Concura
### Music

**MUS 150/Survey of Music** 3 cr.
*Literature*  
(3 class hours)
Liberal studies offering. Examination of periods, styles and outstanding musical personalities from the Renaissance to the contemporary scene. Non-music majors only.  
6/25-7/27  
BR 125  
Class #5381

**MUS 160/Music Fundamentals** 3 cr.  
(3 class hours)  
(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.  
6/25-7/27  
BR 125  
Class #5383

**MUS 385/Cooperative**  
**Education in Music I** 3,6 cr.  
**MUS 399/Cooperative**  
**Education in Music II** 3,6 cr.  
**MUS 481/Cooperative**  
**Education in Music III** 3,6 cr.  
(See COOPERATIVE EDUCATION for description.)

**MUS 499/Independent Study** 1,2,3 cr.  
-Prerequisite: Permission of music chairperson.  
In-depth study of a specific musical area selected through consultation between student and teacher.  
Hours: TBA  
MUS 499A Class #5395 1 cr.  
MUS 499B Class #5397 2 cr.  
MUS 499C Class #5399 3 cr.  
Coordinator: Rittenhouse

### Philosophy

**PHI 101/Introduction to Philosophy** 3 cr.  
(3 class hours)  
Introduction to philosophical thinking. The nature and means of knowledge; the existence of God; the nature of reality; the relation of mind and body; free will and determinism; egoism vs. altruism; rights and equality. Specific sections of this course may be designed for certain majors; e.g., business, psychology, etc.  
6/18-7/27  
HH 315  
Class #5401

**PHI 120/Introduction to Logic** 3 cr.  
(3 class hours)  
Basic principles and techniques of correct reasoning in daily life and the sciences. Detection of common fallacies, and analysis and evaluation of arguments via formal techniques.  
6/18-7/27  
HH 204  
Class #5403

**PHI 499/Independent Study** variable cr.  
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 #5405 1 cr.  
PHI 499B Class #5407 2 cr.  
PHI 499C Class #5409 3 cr.  
PHI 499D Class #5411 4 cr.  
PHI 499E Class #5413 5 cr.  
PHI 499F Class #5415 6 cr.  
Coordinator: Winston

### Physics

**PHY 201-202/General Physics** 4,4 cr.  
I and 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.  
6/11-7/6  
MTWR 0800-1210  
MTWR 1730-2140  
Instructor: Fink  
Instructor: Moses

**PHY 201**  
6/11-7/6  
Lect: CH 111  
Lab: CH 334  
Class #5417  
6/11-7/6  
Lect: CH 111  
Lab: CH 334  
Class #5419

**PHY 202**  
7/9-8/3  
Lect: CH 111  
Lab: CH 334  
Class #5421  
7/9-8/3  
Lect: CH 111  
Lab: CH 334  
Class #5423
PHY 385/Cooperative Education 3,6 cr. in Physics I

PHY 399/Cooperative Education 3,6 cr. in Physics II

PHY 480/Cooperative Education 3,6 cr. in Physics III
(See COOPERATIVE EDUCATION for description.)

PHY 499/Independent Study variable 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

PHY 499A Class #5425 1 cr.
PHY 499B Class #5427 2 cr.
PHY 499C Class #5429 3 cr.
PHY 499D Class #5431 4 cr.
PHY 499E Class #5433 5 cr.
PHY 499F Class #5435 6 cr.
Coordinator: Fink

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

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

Hours: TBA

POL 398A Class #5441 1 cr.
POL 398B Class #5443 2 cr.
POL 398C Class #5445 3 cr.
POL 398D Class #5447 4 cr.
POL 398E Class #5449 5 cr.
POL 398F Class #5451 6 cr.
Coordinator: Fair

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

Hours: TBA

POL 497C Class #5453 3 cr.
POL 497D Class #5455 4 cr.
POL 497E Class #5457 5 cr.
POL 497F Class #5459 6 cr.
Coordinator: Fair

Psychology

PSY 101/Introductory 3 cr.

Psychology I
(3 class hours)
Fundamental principles of psychology, stressing history and methodology, brain and behavior, principles of learning and perception, human development and personality, social and abnormal behavior.

6/25-7/27 MTWR 0800-1010
FH 423 Instructor: Staff
Class #5461
6/25-7/27 MTWR 1245-1445
FH 407 Instructor: Staff
Class #5463

PSY 102/Introductory 3 cr.

Psychology II
(3 class hours)
Prerequisite: PSY 101.
Exploration and analysis of specific aspects of human functioning including cognitive processes, motivation, emotion,
states of consciousness and individual differences.
6/25-7/27 MTWR 0800-1010
FH 410 Instructor: Wang
Class #5465

**PSY 203/Statistics in Behavioral Science** 3 cr.
(2 class hours and 2 laboratory hours)
Prerequisite: PSY 101, PSY 102 or PSY 201.
Elementary calculation and interpretation of standard statistical techniques. Parametric measures up to elementary analysis of variance, factorial design. Introduction to nonparametrics.
6/25-7/27 MTWR 1030-1230
FH 407 Instructor: Wang
Class #5467

**PSY 222/Child Psychology** 3 cr.
(3 class hours)
Prerequisite: PSY 101 or PSY 102.
Psychological, physical and social development of children. Theories of development include learning, dynamic and cognitive theories.
6/25-7/27 MTWR 0800-1010
FH 407 Instructor: Wang
Class #5469

**PSY 224/Adolescent Psychology** 3 cr.
(3 class hours)
Prerequisite: PSY 101 or PSY 102.
Physical, intellectual, personality and social development during the period from puberty to the attainment of full adult status within the society. Emphasis on family, peer, school and community influences on development.
6/25-7/27 MTWR 1030-1230
FH 424 Instructor: Wren
Class #5471

**PSY 310/Principles of Learning** 3 cr.
(3 class hours)
Prerequisite: PSY 101 and PSY 102.
Major learning principals and their applications.
6/25-7/27 MTWR 1030-1230
FH 423 Instructor: Wren
Class #5473

**PSY 316/Personology of Personality** 3 cr.
(3 class hours)
Prerequisite: PSY 101 and 3 additional s.h. of psychology.
Contemporary approaches to the study of personality. Detailed treatment of various modern theories of personality. Major de-terminants and dynamics of personality organization.
6/25-7/27 MTWR 1245-1445
FH 423 Instructor: Staff
Class #5475

**PSY 331/Introduction to Abnormal Psychology** 3 cr.
(3 class hours)
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.
6/25-7/27 MTWR 1245-1445
FH 224 Instructor: Staff
Class #5477

**PSY 333/Mental Health** 3 cr.
(3 class hours)
Prerequisite: 6 s.h. of psychology.
Examination of problems involved in self-understanding and understanding of others. Discussion of personality and personal value systems. Elementary discussion of common behavior problems.
6/4-6/15 MTWF 0930-1500
FH 424 Instructor: Hohmuth
Class #5479

**PSY 385/Cooperative Education in Psychology** 3,6 cr.
**PSY 399/Cooperative Education in Psychology** 3,6 cr.
**PSY 480/Cooperative Education in Psychology** (See COOPERATIVE EDUCATION for description.)

**PSY 499/Independent Study variable 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 #5480 1 cr.
PSY 499B Class #5481 2 cr.
PSY 499C Class #5482 3 cr.
PSY 499D Class #5483 4 cr.
PSY 499E Class #5484 5 cr.
PSY 499F Class #5485 6 cr.
Coordinator: Waterman
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.
6/18-7/27 MTR 1300-1515
HH 304 Instructor: Clouser
Class #5487

REL 497/Independent Study in Religion 3 cr.
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 5489 Coordinator: Winston

Sociology

SOC 101/Introductory Sociology 3 cr.
(3 class hours)
Perspectives and methods of the sociological approach. Analysis of institutions, class, ecology, and the processes of interaction. An introductory study of the nature of culture and cultural change.
6/18-7/27 MTR 1030-1245
BL 123 Instructor: Anderson
Class #5497
6/18-7/27 MTR 1700-1915
BL 123 Instructor: Robboy
Class #5499

SOC 385/Cooperative Education in Sociology I 3,6 cr.
SOC 399/Cooperative Education in Sociology II 3,6 cr.
SOC 480/Cooperative Education in Sociology III (See COOPERATIVE EDUCATION for description.) 3,6 cr.
SWE 385/Cooperative Education in Social Welfare 3,6 cr.
SWE 399/Cooperative Education in Social Welfare 3,6 cr.
SWE 480/Cooperative Education in Social Welfare (See COOPERATIVE EDUCATION for description.) 3,6 cr.

SOC 402/Independent Study in Sociology variable 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 #5501 1 cr.
SOC 402B Class #5503 2 cr.
SOC 402C Class #5505 3 cr.
SOC 402D Class #5507 4 cr.
SOC 402E Class #5509 5 cr.
SOC 402F Class #5511 6 cr.
Coordinator: Anderson

Spanish

SPA 101-102/Spanish for Beginners I and II 3,3 cr.
(Language laboratory required)
An introduction to spoken and written Spanish, emphasizing the skills of reading, comprehension and writing.
SPA 101 6/18-7/6 MTWR 1715-2055
HH 315 Instructor: Staff
Class #5515
SPA 102 7/9-7/26 MTWR 1715-2055
HH 315 Instructor: Staff
Class #5517

SPA 499/Independent Study in Spanish variable 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 #5519 1 cr.
SPA 499B Class #5521 2 cr.
SPA 499C Class #5523 3 cr.
SPA 499D Class #5525 4 cr.
SPA 499E Class #5527 5 cr.
SPA 499F Class #5529 6 cr.
Coordinator: Murphy
### Women’s Studies

**WOS 200/Introduction to Women’s Studies**

3 cr.

An interdisciplinary course tracing changing views on women since World War II, including current unresolved conflicts, and new opportunities. Academic areas will include psychology, literature, education, health, biology, sociology and history.

6/25-7/27 MTR 1030-1245
FH 210 Instructor: Shanler

Class #5837

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### SCHOOL OF BUSINESS

### Accounting

**ACC 260/Accounting Principles I**

3 cr.

(3 class hours)

Basic course in financial accounting including study of the accounting cycle, classification and valuation of assets and periodic income measurement. Particular emphasis on the analysis of financial information from a user's perspective.

6/18-7/26
BL 128 Class #5123
MTWR 0810-1040 Instructor: Shiarappa

6/25-7/26
BL 128 Class #5125
MTR 1645-1925 Instructor: Sherrer

**ACC 261/Accounting Principles II**

3 cr.

(3 class hours)

*Prerequisite:* ACC 260 or ACC 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.

7/16-8/9
BL 128 Class #5127
MTWR 0810-1040 Instructor: Shiarappa

### Administrative Office Management

**AOM 312/Office Management**

3 cr.

(3 class hours)

Survey of managerial functions and supervisory control as they relate to the leadership function of the administrative office manager.

6/25-7/26
BL 229 Class #5129
MTR 1645-1925 Instructor: Staff

**AOM 315/Business Report Writing**

3 cr.

(3 class hours)

*Prerequisite:* English I or equivalent.

Emphasis on communication theory as applied to the analysis and preparation of information and analytical reports. Covers the use of formal and informal reports in a wide variety of organizational settings.

6/25-7/26
BL 229 Class #5131
MTWR 1030-1245 Instructor: Robinson

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### Business

**BUS 317/Introduction to Law and Contracts**

3 cr.

(3 class hours)

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.

6/18-7/12
BL 129 Class #5135
MTWR 1050-1330 Instructor: Staff

**BUS 329/Corporate Finance I**

3 cr.

(3 class hours)

*Prerequisite:* 6 s.h. in accounting, business statistics, junior standing.

Study of corporate financial management from the point of view of the chief financial officer. Areas include introduction to working capital management, capital budgeting, financial analysis and control, business organizations and taxes.

6/18-7/12
BL 125 Class #5137
MTWR 0800-1040 Instructor: Patrick

**BUS 330/Business and Economic Statistics**

3 cr.

(3 class hours)

*Prerequisite:* 6 semester hours of mathematics.

Basic tools and techniques of descriptive and inferential statistics especially as applied to business.

6/25-7/26
BL 229 Class #5139
MTR 1935-2215 Instructor: Liu
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th>Instructor</th>
<th>Times</th>
<th>Notes</th>
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<tbody>
<tr>
<td>BUS 332</td>
<td>Communication for Business</td>
<td>3 cr.</td>
<td>Staff</td>
<td>MTWR 0800-1040</td>
<td>Junior standing. Application of writing and speaking to the</td>
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<td>communication requirements of business—their roles, techniques and</td>
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<td>types, with exercises in the formulation of some business</td>
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<td>communication products.</td>
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<td>BUS 333</td>
<td>Public Relations</td>
<td>3 cr.</td>
<td>Shenker</td>
<td>MT 1935-2215</td>
<td>Public relations as a tool to supplement the efforts of management.</td>
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<td></td>
<td></td>
<td>Emphasis is placed on business-community relations and customer-</td>
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<td></td>
<td></td>
<td>company relations. A survey course.</td>
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<tr>
<td>BUS 430</td>
<td>Corporate Finance II</td>
<td>3 cr.</td>
<td>Patrick</td>
<td>MTWR 1050-1330</td>
<td>A continuation of Bus 329. Topics include leverage, cost of capital,</td>
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<td></td>
<td></td>
<td>dividend policy, valuation, long term financing, leasing, mergers</td>
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<td></td>
<td></td>
<td></td>
<td>and bankruptcy.</td>
</tr>
<tr>
<td>BUS 476</td>
<td>Honors Independent Study</td>
<td>3 cr.</td>
<td>Duffy</td>
<td>TBA</td>
<td>An opportunity for students to do advanced work in their major field</td>
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<td></td>
<td></td>
<td></td>
<td>under the supervision of a faculty advisor.</td>
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<tr>
<td>BUS 499</td>
<td>Independent Study</td>
<td>1-6 cr.</td>
<td>Duffy</td>
<td>TBA</td>
<td>Permission of instructor. An opportunity to engage in individual or</td>
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<td></td>
<td></td>
<td>small-group projects and studies not otherwise available in the</td>
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<td></td>
<td>curriculum; under the supervision of a faculty adviser. (Independent</td>
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<td>studies activities may not be substituted for required courses in an</td>
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<td></td>
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<td>individual's major program.)</td>
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<tr>
<td>BUS 400H</td>
<td>Class #5151</td>
<td>1 cr.</td>
<td></td>
<td></td>
<td>Hours: TBA.</td>
</tr>
<tr>
<td>BUS 400J</td>
<td>Class #5163</td>
<td>2 cr.</td>
<td></td>
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<td>Coordinator: Duffy.</td>
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<tr>
<td>BUS 400K</td>
<td>Class #5165</td>
<td>3 cr.</td>
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<tr>
<td>BUS 400L</td>
<td>Class #5167</td>
<td>4 cr.</td>
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<tr>
<td>BUS 400M</td>
<td>Class #5169</td>
<td>5 cr.</td>
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<tr>
<td>BUS 400N</td>
<td>Class #5171</td>
<td>6 cr.</td>
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<tr>
<td>BUS 373</td>
<td>Cooperative Education in Business I</td>
<td>3 cr.</td>
<td>Sherrera</td>
<td>TBA</td>
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<tr>
<td>BUS 379</td>
<td>Cooperative Education in Business II</td>
<td>3 cr.</td>
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<tr>
<td>BUS 473</td>
<td>Cooperative Education in Business III</td>
<td>3 cr.</td>
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<tr>
<td>BUS 385</td>
<td>Cooperative Education in Business I</td>
<td>6 cr.</td>
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<tr>
<td>BUS 399</td>
<td>Cooperative Education in Business II</td>
<td>6 cr.</td>
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<tr>
<td>BUS 480</td>
<td>Cooperative Education in Business III</td>
<td>6 cr.</td>
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</tbody>
</table>

**Business Distributive Education**

**BDE 495/Vocational Youth Group Management**
Class #5133

**Economics**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ECO 150</td>
<td>Contemporary Economics</td>
<td>3 cr.</td>
</tr>
<tr>
<td></td>
<td>(3 class hours)</td>
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<tr>
<td></td>
<td>Restriction: Open to non-majors in eco-</td>
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<tr>
<td></td>
<td>nomics and business only. May not be</td>
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<td></td>
<td>taken by those students who have</td>
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<td></td>
<td>completed ECO 201 or ECO 202.</td>
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<tr>
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<td>An integration of the basic macroeco-</td>
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<td>nomic and microeconomic principles which</td>
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<td>provide the background for understand-</td>
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<td>ing contemporary economic problems.</td>
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<td></td>
<td>6/18-7/26</td>
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<tr>
<td></td>
<td>BL 233</td>
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<td></td>
<td>Instructor: Hall</td>
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<tr>
<td></td>
<td>Class #5173</td>
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</table>

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ECO 201</td>
<td>Principles of Economics: Macro</td>
<td>3 cr.</td>
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<td></td>
<td>(3 class hours)</td>
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<td></td>
<td>Macroeconomics: an introduction to eco-</td>
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<tr>
<td></td>
<td>nomic concepts and their application to</td>
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<td>problems of unemployment, inflation and</td>
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<td>economic growth. Government fiscal and</td>
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<td>monetary policy are examined.</td>
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<td>6/4-7/6</td>
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<td></td>
<td>BL 229</td>
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<td>Instructor: Kim</td>
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<tr>
<td></td>
<td>Class #5175</td>
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</tbody>
</table>
ECO 202/Principles of Economics: Micro (3 class hours)
Microeconomics: an analysis of price determination in product and resource markets under varying competitive conditions.
7/9-8/10 MT R 10 45 -1 32 5
BL 229 Instructor: Staff
Class #5177

MGT 313/Personnel Administration (3 cr.
(3 class hours)
Prerequisite: MGT 310 recommended.
Examination of personnel policies and practices. Emphasizes functional areas of personnel and the role of personnel management in the total organization.
6/25-7/26 MTR 1045-1325
BL 128 Instructor: Staff
Class #5181

Management

MGT 310/Management Principles (3 cr.
(3 class hours)
Prerequisite: Junior standing.
The management functions of planning, organizing, controlling, and motivating as applicable to organizations in the public and private sector.
6/25-7/26 MTR 1935-2215
BL 128 Instructor: Staff
Class #5179

Marketing

MKT 340/Marketing Principles (3 cr.
(3 class hours)
An introduction to the marketing discipline. Exposes students to the variables examined in designing marketing strategy and the options available to the marketing manager.
6/25-7/26 MTR 1645-1925
BL 125 Instructor: Staff
Class #5183

SCHOOL OF INDUSTRIAL EDUCATION AND ENGINEERING TECHNOLOGY

Electronics Engineering Technology

EET 370/Cooperative Education 3, 6 cr.
in Electronic Engineering Technology

EET 375/Cooperative Education 3, 6 cr.
in Electronic Engineering Technology
(See COOPERATIVE EDUCATION pg. X for description.)

EET 489/Senior Project 2 cr.
(1 class hour and 2 laboratory hours)
Prerequisite: Senior standing.
Focusing of students' previous experience upon specific technical projects. Library research, design, cost analysis, construction and testing. Students work with faculty adviser, discuss other students' projects through class meetings.

Hours: TBA
Coordinator: Katz
Class #5531

EET 497/Independent Study 1-6 cr.
Prerequisites: Permission of instructor and dean of SIEET.
For advanced students wishing to pursue a special area of interest. Topic developed in consultation with a faculty adviser.

Hours: TBA
EET 497A Class #5533  1 cr.
EET 497B Class #5535  2 cr.
EET 497C Class #5537  3 cr.
EET 497D Class #5539  4 cr.
EET 497E Class #5541  5 cr.
EET 497F Class #5543  6 cr.
Coordinator: Thower
Industrial Education

IED 391/Foundations of Practical Arts and Vocational Education (3 cr.)
Philosophical and psychological basis of practical arts and vocational education in contemporary American life; historical roots, present values, objectives and contributions. Industrial education curriculum reviews, their relationship to one another and role in American education. Field trips may be required at student expense.
6/25-7/27 MTWR 1700-1900
Class #5545
Instructor: Alexander

IED 393/Content and Methods in Practical Arts and Vocational Education (3 cr.)
Prerequisite: IED 391.
Methods of teaching, safety and evaluation studied in relation to objectives. Selection and organization of subject matter and development of programs and courses of study in practical arts and vocational education.
6/25-7/27 MTWR 1915-2115
Class #5547
Instructor: Alexander

IED 466/Workshop in Industrial Education (1 cr.)
Prerequisites: Recommendation of faculty adviser, approval of department chairperson.
Advanced course dealing with technical experiences in industrial education, 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.
6/25-6/28 MTWR 1800-2100
Class #5549
Instructor: Kelly

These Courses Are Not Covered By The Guarantee

Industrial Engineering Technology

IET 111/Graphic Representation (3 cr.)
(2 class hours and 3 laboratory hours)
Engineering graphics as a language and a tool of industry. Freehand drawing, orthographic projection and basic descriptive geometry, axonometric drawings, developments and intersections. Basic dimensioning and reproduction of working drawings.
6/25-7/27 MTR 1800-2210
Instructor: Laws
Class #5551

IET 179/General Photography (3 cr.)
(1 class hour and 4 laboratory hours)
Not open to industrial education or advertising design majors. Each student must furnish his own adjustable camera. Principles and practices of general photography. Emphasis on candid portrait and pictorial photography and photography's role of visual communication. Activities include picture taking, processing, enlarging and photo finishing.
6/25-7/27 MTR 1800-2210
Instructor: Edelbach
Class #5555

IET 222/Photography in the Graphic Arts (3 cr.)
(2 class hours and 3 laboratory hours)
Prerequisite: IET 121.
A study of the scientific and aesthetic principles of the photographic process as they relate to continuous tone and process photography.
6/25-7/27 MTR 1800-2210
Instructor: Edelbach
Class #5557

IET 312/Machine Drawing (3 cr.)
(2 class hours and 3 laboratory hours)
Prerequisite: IET 111.
6/25-7/27 MTR 1800-2210
Instructor: Laws
Class #5559

IET 370/Cooperative Education (3,6 cr.)
in Industrial Education Technology

IET 375/Cooperative Education (3,6 cr.)
in Industrial Education Technology
(See COOPERATIVE EDUCATION for description.)

IET 489/Senior Project (2 cr.)
(1 class hour and 2 laboratory hours)
Prerequisite: Senior standing.
Focusing of students' previous experience upon specific technical projects. Library research, design, cost analysis, construction and testing. Students work with faculty adviser, discuss other students' projects through class meetings.
Hours: TBA
Coordinator: Flynn
Class #5561
This Course Is Not Covered By The Guarantee

IET 165/Industrial Plastics  3 cr.
(2 class hours and 3 laboratory hours)
Familiarization with the materials, tools, processes of production and development of the plastic industries. Emphasis on duplicating or adapting industrial procedures. Field trips may be required at student expense.
7/30-8/10  MTWRF 0900-1700
AR 16  Instructor: Hess
Class #5553

IET 497/Independent Study  1-6 cr.
Prerequisites: Permission of instructor and dean of SIEET.
For advanced students wishing to pursue a special area of interest. Topic developed in consultation with a faculty adviser.
Hours: TBA
IET 497A Class #5563    1 cr.
IET 497B Class #5565    2 cr.
IET 497C Class #5567    3 cr.
IET 497D Class #5569    4 cr.
IET 497E Class #5571    5 cr.
IET 497F Class #5573    6 cr.
Coordinator: Thrower

MET 489/Senior Project  2 cr.
(1 class hour and 2 laboratory hours)
Prerequisite: Senior standing.
Focusing of students' previous experience upon specific technical projects. Library research, design, cost analysis, construction and testing. Students work with faculty adviser, discuss other students' projects through class meetings.
Hours: TBA
Coordinator: Shelley
Class #5575

MET 497/Independent Study  1-6 Cr.
Prerequisites: Permission of instructor and dean of SIEET.
For advanced students wishing to pursue a special area of interest. Topic developed in consultation with a faculty adviser.
Hours: TBA
MET 497A Class #5577    1 cr.
MET 497B Class #5579    2 cr.
MET 497C Class #5581    3 cr.
MET 497D Class #5583    4 cr.
MET 497E Class #5585    5 cr.
MET 497F Class #5587    6 cr.
Coordinator: Thrower

Mechanical Engineering Technology

MET 370/Cooperative Education  3,6 cr.
in Mechanical Engineering Technology

MET 375/Cooperative Education  3,6 cr.
in Mechanical Engineering Technology
(See COOPERATIVE EDUCATION for description.)

SCHOOL OF EDUCATION

Early Childhood Education

ECE 360/Curriculum of Early Childhood Education  3 cr.
(3 class hours)
Basic concepts underlying the curriculum for young children in the nursery school. Curriculum planning; techniques, methods and materials; role of the teacher in presenting appropriate curriculum content.
6/25-7/27  MTR 0800-1040
FH349  Instructor: Staff
Class #5681

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

ECE 480/Cooperative Education in Early Childhood Education III
See COOPERATIVE EDUCATION for description.

ECE 498/Independent Study in Early Childhood Education  1-3 cr.
Prerequisite: Departmental approval.
An in-depth independent study of an aspect of early childhood education chosen
through consultation between the student and a faculty adviser.
Hours: TBA
ECE 498A Class #5683 1 cr.
ECE 498B Class #5685 2 cr.
ECE 498C Class #5687 3 cr.
Coordinator: Staff

**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.
6/18-7/27 MTWR 0830-1300
FH 205 Instructor: Farber
Class #5615

**Educational Foundations**

EDF 300/Development of Educational Thought 3 cr.
(3 class hours)
Synoptic study of the history of European and American education; principles underlying educational theories and practices; philosophies of education and their implications for modern education. Emphasis upon developing a personal philosophy of education.
6/25-7/27 MTR 1340-1620
FH210 Instructor: Skelton
Class #5689
6/25-7/27 MTR 1645-1925
FH210 Instructor: Charlton
Class #5691
EDF 400/The Teacher in School 2 cr.
and Community* (2 class hours)
The influence of economic, political and social forces on the role of the teacher and the school, school law, collective bargaining and problems in public education. Special emphasis will also be given to human and intercultural relations. Field trips may be required in quarter courses at student expense.
*Fulfills human and intercultural relations certification requirement.
6/25-7/27 MTR 800-1040
FH210 Class #5693
6/25-7/27 MTR 1340-1620
FH211 Class #5695

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

Hours: TBA
EDF 499A Class #5697 1 cr.
EDF 499B Class #5699 2 cr.
EDF 499C Class #5701 3 cr.
EDF 499D Class #5703 4 cr.
EDF 499E Class #5705 5 cr.
EDF 499F Class #5707 6 cr.
Coordinator: Carroll

**Elementary Education**

ELM 325/Teaching Science and Social Studies in the Elementary School 3 cr.
(3 class hours)
(Required of students in Track OIA.)
Purpose, scope and sequence of science and social studies instruction. Planning for teaching of science and social studies content. (May not be substituted for ELM 306.)
6/25-7/27 MTR 0800-1040
FH347 Instructor: Staff
Class #5713

ELM 341/Language Arts in the Elementary School 3 cr.
(3 class hours)
*Prerequisite:* ENG 210.
Language as a form of social behavior; language needs of children; methods and materials including children's literature in developing oral and written language skills.
6/25-7/27 MTR 1045-1325
FH101 Instructor: Staff
Class #5715

ELM 385/Cooperative Education in Elementary Education I 3,6 cr.

ELM 399/Cooperative Education in Elementary Education II 3,6 cr.
ELM 480/Cooperative Education in Elementary Education III  3,6 cr.  
See COOPERATIVE EDUCATION for description.)

ELM 498/Independent Study in Elementary Education  1-3 cr.  
Prerequisite: Departmental approval. 
An independent study of an aspect of elementary education chosen through consultation between the student and a faculty adviser. 
Hours: TBA 
ELM 498A Class #5717  1 cr. 
ELM 498B Class #5719  2 cr. 
ELM 498C Class #5721  3 cr. 
Coordinator: Staff

Health Education

HED 150/Contemporary Health  2 cr.  
Problems  
(Two 50 min/sem.)  
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. 
6/25-7/27 MTR 0800-1000 
PA 103  Instructor: Chilakos 
Class #5723 
6/4-6/15 MTWRF 1630-1915 
PA 103  Instructor: McCorkle 
Class #5725 

HED 356/Foundations of Sex Education  3 cr.  
(Two 75 min/sem.)  
6/25-7/27 MTR 1645-1925 
FH 222  Instructor: Brown 
Class #5727 

HED 358/Perspectives on Aging/Death and Dying  3 cr.  
(Two 75 min/sem.)  
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. 
6/25-7/27 MTR 0800-1040 
FH 203  Instructor: Herzstein 
Class #5729

HED 390/Curriculum and Methods in Health Education  3 cr.  
(Two 75 min/sem.)  
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. 
6/25-7/27 MTR 1045-1325 
FH 204  Instructor: Fassbender 
Class #5731 

HED 453/Alcohol and Narcotics Workshop  3 cr.  
(Two 75 min/sem.)  
Investigates various drug dependencies and their effect on the individual and society. Scientific discovery regarding the use, misuse and abuse of mood-modifying substances is emphasized. 
6/18-7/13 MTWR 1700-1930 
FH 203  Instructor: Herzstein 
Class #5733

Physical Education

PED 131/Golf  1 cr.  
(Two 75 min/qtr.)  
Development of golfing skills, plus knowledge of basic rules and etiquette. Field trips may be required at student expense. 
6/4-6/15 MTWRF 1530-1800 
GYMS I & II  Instructor: Oshel 
Class #5747

PED 201/Aquatics I  1 cr.  
(Two 50 min/sem.)  
6/4-6/15 MTWRF 1930-2230 
POOL  Instructor: McCorkle 
Class #5749
PED 203-204/Human Anatomy and Physiology 6 cr.
(Two 75 min lecture & One 50 min lab each semester)
Prerequisite: BIO 181 & 182.
Structure and function of the various tissues, organs and systems of the human body, with applications of structural and functional relationships pertinent to the professions of health and physical education.
PED 203
6/4-6/21 MTWR 0800-1200
PA 101 Instructor: Schmid
Class #5751
PED 204
6/12-7/12 MTWR 0800-1200
PA 101 Instructor: Schmid
Class #5753
PED 385/Cooperative Education in Physical Education I 3,6 cr.
PED 399/Cooperative Education in Physical Education II 3,6 cr.
PED 480/Cooperative Education in Physical Education III (See COOPERATIVE EDUCATION for description.)

Reading

See also: Elementary Education; Early Childhood Education

RDG 323/Teaching Reading in the Elementary Grades 3 cr.
(3 class hours)
Prerequisite: ENG 210 (Required of students enrolled in Track OIA.)
Basic principles. Nature of reading programs for the elementary school. Methods and materials used in a sequential reading program. Teacher's responsibility in guiding the elementary school reader's growth. (May not be substituted for ELM 305.)
6/25-7/27 MTR 0800-1040 FH319 Instructor: Staff
Class #5775

RDG 327/Teaching Reading in the Junior and Senior High School 3 cr.
(3 class hours)
Includes causes of reading difficulty, nature of reading process; procedures for developing reading study skills, word recognition; comprehension, appreciation; reading programs; materials for teaching; measurement and evaluation.
6/25-7/27 MTR 0800-1040 FH320 Instructor: Staff
Class #5777

RDG 421/Diagnosis of Reading 3 cr.
Difficulties (3 class hours)
Prerequisites: RDG 305, or RDG 315, RDG 323, RDG 327 or equivalent.
Nature, analysis, and causes of reading disabilities; principles and approaches to diagnosis; techniques of diagnosis and use of tests. Overcoming reading defects in comprehension, basic study skills and oral reading.
6/25-7/27 MTR 1045-1325 FH348 Instructor: Staff
Class #5779

Recreation

REC 395/Fieldwork Experiences in Recreation 3 cr.
(6 laboratory hours)
Prerequisite: 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
Coordinator: Curry
Class #5781

REC 385/Cooperative Education in Recreation I 3,6 cr.

REC 399/Cooperative Education in Recreation II 3,6 cr.

REC 480/Cooperative Education in Recreation III (See COOPERATIVE EDUCATION for description.)

Rec 493/Internship in Recreation 12 cr. (T.B.A.)
Prerequisite: 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
Coordinator: Curry
Class #5783

REC 499A/Independent Study in Recreation 1-6 cr.
Prerequisite: Approval of topic by department.
For advanced student; in-depth study of a
carefully defined area of recreation.

Hours: TBA
REC 499A Class #5785 1 cr.
REC 499B Class #5787 2 cr.
REC 499C Class #5789 3 cr.
REC 499D Class #5791 4 cr.
REC 499E Class #5793 5 cr.
REC 499F Class #5795 6 cr.
Coordinator: Curry

Safety
SAF 202/First Aid 2 cr.
(Two 50 min/sem.)
The standard first aid course of the American Red Cross with opportunities to attain
American Red Cross Standard, Advanced and Instructor's First Aid Certificates.
6/18-7/6 MTWRF 1230-1430
PA 103 Instructor: Oshel
Class #5797

SAF 335/Driver Education 3 cr.
(Three 75 min lab/sem.)
Prerequisite: Senior standing or approval
of program director.
Methodology relating to knowledge, skill and psychological considerations in teaching
driver education. This course certifies individuals to teach driver education in New Jersey.
6/18-7/6 MTWRF 0900-1200
PA 104 Instructor: Oshel/Medve
Class #5799

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

SED 480/Cooperative 3,6 cr.
Education in Special Education
(See COOPERATIVE EDUCATION for description.)

SED 499/Independent Study in 1–6 cr.
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 #5819 1 cr.
SED 499B Class #5821 2 cr.
SED 499C Class #5823 3 cr.
SEC 499D Class #5825 4 cr.
SEC 499E Class #5827 5 cr.
SEC 499F Class #5829 6 cr.
Coordinator: McRae

Speech Pathology and Audiology
SPP 385/Cooperative 3,6 cr.
Education in Speech Pathology I

SPP 399/Cooperative 3,6 cr.
Education in Speech Pathology II

SPP 480/Cooperative 3,6 cr.
Education in Speech Pathology III
(See COOPERATIVE EDUCATION for description.)

SPP 490/Student Teaching 4 cr.
Clinical Practice I
Prerequisite: Completion of freshman, sophomore and junior speech pathology and audiology courses with 2.5 g.p.a. in major.
Supervised clinical experience in speech and language therapy with children and adults. (P/U grading)
Hours: TBA
0800-1300 Instructor: Hornyak
Class #5831

SPP 491/Student Teaching 4 cr.
Clinical Practice II
Continuation of Clinical Practice I. Supervised clinical experience in diagnosis and therapy with children and adults who have speech and language problems. (P/U grading)
Hours: TBA
0800-1300 Instructor: Hornyak
Class #5833

SCHOOL OF NURSING

Nursing
NUR 406/Issues in Contemporary 3 cr.
Nursing
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.
5/29-6/21
NU 110
Class #5835
MTR 1700-2200
Instructor: Porter
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 adviser prior to registration; an appointment is recommended.* Non-matriculated students should secure adviser's signature via the Office of Graduate study.

2. Detach forms.

3. Enclose check or money order (payable to Trenton State College) with form and mail to:
   Division of Continuing and Adult Education
   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 and Adult Education, Room 109, Green Hall, beginning on May 21, Monday through Wednesday 1:00-4:00 p.m. and Thursday 5:00-8:00 p.m.

Graduate students not enrolled in a Graduate program
1. should follow graduate admission procedure, on the following pages,
2. contact the Office of Graduate Study (609-771-2111) for an appointment to secure an adviser's signature.

*After May 10, 1984 faculty advisers may not be available on a regular basis; however, students may secure advisement after this date from the Office of Graduate Study if they are unable to reach their adviser.

GRADUATE REGISTRATION DEADLINES

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

MAIL REGISTRATION
April 16-May 18 Please note: Mail registration cannot be accepted beyond the postmark date of May 18.

IN-PERSON REGISTRATION BEGINS

May 21 1:00-4:00 p.m. Monday through Wednesday 5:00-8:00 p.m. Thursday

For classes beginning on June 4
May 21-May 31 In-person registration
June 4 Late registration ($15.00 late registration fee)

For classes beginning on June 18
May 21-June 14 In-person registration
June 18, 19, 20 Late registration ($15.00 late registration fee)

For classes beginning on June 25
May 21-June 21 In-person registration.
June 25, 26 Late registration ($15.00 late registration fee)

For classes beginning on July 30
May 21-July 26 In-person registration.
July 30 Late registration ($15.00 late registration fee)

FINAL DAY FOR REGISTERING FOR INDEPENDENT STUDY IS JUNE 25.
1. Students not intending to enroll in a degree program at Trenton State College Graduate Division must:
   a. possess a bachelor's degree from an accredited college or university in the United States, or proof of equivalent preparation at a foreign university;
   b. complete Application for Graduate Admission as an Unclassified (Non-Degree) Student. It is imperative that the information be complete and accurate;
   c. include an official transcript of the undergraduate record with the admission application or forward it to the Graduate Office immediately after filing the application; and
   d. pay a non-refundable application fee of $10. (Make checks payable to Trenton State College.)

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

Please note:
Applications for matriculation should be submitted by May 10, 1984, in order to be processed for June enrollment.
A maximum of 6 credits of appropriate graduate work taken at Trenton State College as a non-degree student may be credited toward the master's degree, provided the work was completed no earlier than six years prior to the date of matriculation.
In all cases, the student assumes the responsibility for knowing and meeting the various regulations and procedures as stated in the annual Graduate Bulletin. For detailed information, contact the Graduate Office, Room 119 in Green Hall, phone (609) 771-2111.
Procedures for Applying for Matriculation in a Graduate Program

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

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

Applications for Matriculation must be submitted by May 10, 1984

Applications received after the deadline may not be processed in time for June enrollment. Applicants are urged to file early.

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

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

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

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

6. A student who wishes to re-apply under the deferred matriculation plan should contact the Graduate Office for an appointment to outline a program of 12 hours of study (at least 6 credits in the major field, and at least 3 hours outside of the major field). Upon the completion of these hours of study, the student will be required to present an application and supporting evidence which demonstrates ability to perform competently at the graduate level to the Graduate Office. The dean of graduate study and the graduate program supervisor will review all evidence and make a decision relating to possible matriculation. If the application is approved, a maximum of 12 credits of appropriate course work of A and B grades taken at Trenton State prior to matriculation may be accepted toward the student's degree program.
All students are required to submit all credentials and to complete the matriculation process within a six-month period from the date of application. Applications of students who fail to comply with this requirement may be inactivated, and it would be necessary for students to refile applications with all required credentials, if they desire to matriculate in a graduate program.

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

**BIO 532/Phycology 4 cr.**
A survey of diversified groups of algae, their classification and phylogenetic relationships. Laboratory studies include collection, isolation and culturing.
6/18-8/2 TWR 1800-2130 NU111 Instructor: Shevlin
Class #8001

**BIO 597/Advanced Topics in Biology: Introduction to Freshwater Algae 1 cr.**
An introduction to the structure, function, ecology and taxonomy of freshwater algae. Laboratory and field experiences include sampling methodology, floristic analysis and ecological study of local ponds, lakes and streams.
7/9 1800-2200 CH217
7/16 1800-2100 CH217
7/14-7/15 ALL DAY Class #8003

**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.
7/23 1900-2200 CH215
8/3-8/5 ALL DAY Class #8005

**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.
6/11 1900-2200 CH215
6/15-6/17 ALL DAY Class #8007

**BIO 697/Independent Study 1-3 cr. in Biology**
In-depth exploration of a topic within a specific area of the discipline involving supervised reading, research, and regular conferences with the faculty adviser.
Hours: TBA
BIO 697A Class #8009 1 cr.
BIO 697B Class #8011 2 cr.
BIO 697C Class #8013 3 cr.
Coordinator: Klug

### English

**ENG 505/Principles of Literary Criticism 3 cr.**
Examination of the major schools and theories of modern literary theory and practice.
6/25-7/27 MTR 1045-1325 HH372 Instructor: Liddle
Class #8019

**ENG 507/Applied English Linguistics 3 cr.**
Studies in structuralism, transformationalism, stylistics, prosody and other topics in modern linguistics. This course is approved for bilingual certification.
6/25-7/27 MTR 1645-1925 HH304 Instructor: Waterhouse
Class #8021

**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.
6/25-7/27 MTWR 0800-1010 HH311 Instructor: Brown
Class #8023

**ENG 697/Independent Study 1-6 cr. in English**
In-depth exploration of topic within a specific area of the discipline involving supervised reading, research and regular...
conferences with the faculty adviser.

Hours: TBA
ENG 697A Class #8025 1 cr.
ENG 697B Class #8027 2 cr.
ENG 697C Class #8029 3 cr.
ENG 697D Class #8031 4 cr.
ENG 697E Class #8033 5 cr.
ENG 697F Class #8035 6 cr.
Coordinator: Diskin

ENG 698/Department Project 3 cr.
in English
A critical independent study of an aspect of English of interest to the student that is explored under faculty guidance. Open only to students matriculated in the English program.

Hours: TBA
Class #8037
Coordinator: Diskin

ENG 699/The Thesis/Creative Project 6 cr.
in English
An original research of creative study under the guidance of a thesis committee approved by the graduate dean. Open only to students matriculated in the English program.

Hours: TBA
Class #8039
Coordinator: Diskin

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, research and regular conferences with the faculty adviser.

Hours: TBA
HIS 697C Class #8041 3 cr.
Coordinator: Karras

Music

MUS 522/Choral Materials Seminar 2 cr.
Meets the teachers’ need for good choral materials for each level and group he meets. A laboratory situation. A gamut of materials are sung, heard, analyzed and evaluated. Materials sequenced in the order needed in the typical public school year. Students develop lists of materials designed to meet the technical demands and limitations of their choral groups.

6/25-7/27 MTR 1200-1355
BR133 Instructor: Harrison
Class #8049

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

6/25-7/27 MTR 1400-1630
BR133 Instructor: Harrison
Class #8097

MUS 673/Seminar in Advanced Interpretative Instrumental Conducting 3 cr.
Prerequisites: MUS 503, MUS 602, MUS 603, MUS 570, MUS 670 or their equivalents.
Intensive advanced interpretative conducting study, score preparation and all other study experiences necessary to the preparation of the effective conductor of instrumental music.

6/25-7/27 MTR 1400-1630
BR129 Instructor: Eicher
Class #8099

MUS 692/Adult Music Education 3 cr.
Focus is on the adult education movement. Night school organization of appreciation-type courses, community bands, orchestras and choirs.

6/25-7/27 MTR 1200-1355
BR126 Instructor: Eicher
Class #8101

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 697A Class #8103 1 cr.
MUS 697B Class #8105 2 cr.
MUS 697C Class #8107 3 cr.
Coordinator: Eicher
MUS 698/Department Project 3 cr. in Music
(Open to M.A. and M.Ed. Candidates)
Required of candidates who wish to present a recital, conducting performance, musical composition or innovative teaching as their final project, and the written diary. The Supervisor of Graduate Music appoints a committee to assist each candidate with the project.
Hours: TBA
Class #8109 Coordinator: Eicher
Class #8111 Coordinator: Eicher

MUS 699/Theaia/Creative Project 6 cr. in Music Education
(Open to M.A. and M.Ed. Candidates)
An original research or creative study under the guidance of a thesis committee approved by the graduate dean.
Hours: TBA
Class #8113 Coordinator: Eicher

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.
MTR 1230-1630
CH111 Instructor: Pregger
Class #8115

PHY 697/Independent Study 1-3 cr. in Physics
In-depth exploration of a topic within a specific area of the discipline involving supervised reading, research and regular conferences with the faculty adviser. May be repeated for credit if topics differ.
Hours: TBA
Class #8117
Class #8119
Class #8121

PHY 698/Department Project in 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 the science education program whose area of concentration is physics or general science. May be repeated for credit if topics differ.
Hours: TBA
Class #8123 Coordinator: Pregger

PHY 699/Theaia/Creative Project 6 cr. in Science Education (Physical Science, General Science)
Prerequisite: Permission of the student's adviser.
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 #8125 Instructor: Pregger

Political Science

POL 697/Independent Study in Political Science 1-3 cr.
In-depth exploration of a topic within a specific area of the discipline involving supervised reading, research and regular conferences with the faculty adviser.
Hours: TBA
Class #8127 1 cr.
Class #8129 2 cr.
Class #8131 3 cr.

POL 698/Department Project in Political Science
Prerequisite: Permission of the department chairperson.
A critical independent study of an aspect of political science of interest to the student, that is explored under faculty guidance. Open only to students matriculated in the social studies program.
Hours: TBA
Class #8133 Coordinator: Fair

POL 699/Theaia/Creative Project 6 cr. in Political Science
An original research or creative study under the guidance of a thesis committee approved by the graduate dean. Open only to students matriculated in the social studies program.
Hours: TBA
Class #8135 Coordinator: Fair
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.
6/15-7/27 MW 1800-2130
FH 423 Instructor: Archer
Class #8137

PSY 697/Independent Study in Psychology
In-depth exploration of a topic within a specific area of the discipline involving supervised reading, research and regular conferences with the faculty adviser.
Hours: TBA
PSY 697A Class #8139 1 cr.
PSY 697B Class #8141 2 cr.
PSY 697C Class #8143 3 cr.
PSY 697D Class #8145 4 cr.
PSY 697E Class #8147 5 cr.
PSY 697F Class #8149 6 cr.
Coordinator: Sarafino

Sociology

SOC 504/The Community: Its Social and Organizational Structure 3 cr.
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 the 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.
6/25-7/27 MTR 1045-1325
BL 125 Instructor: Robboy
Class #8153

SOC 505/Social Pathology and the Student 3 cr.
Family tensions, neighborhood deterioration, poverty and dependency, vice and crime, racial and ethnic conflict, excessive mobility and alcoholism and drug addiction which contribute to socially and emotionally disturbed children and youth. Attention to the amelioration of these problems and more positive adaptation.
6/25-7/27 MTR 1340-1620
BL 123 Instructor: Anderson
Class #8155

SOC 697/Independent Study in Sociology 1-3 cr.
In-depth exploration of a topic within a specific area of the discipline involving supervised reading research and regular conferences with the faculty adviser.
Hours: TBA
SOC 697A Class #8157 1 cr.
SOC 697B Class #8159 2 cr.
SOC 697C Class #8161 3 cr.

SOC 698/Department Project in Sociology 3 cr.
A critical independent study of an aspect of sociology of interest to the student that is explored, under faculty guidance. Open only to students matriculated in the social studies program.
Hours: TBA
Coordinator: Robboy
Class #8163

SCHOOL OF BUSINESS

Business Education

BUS 500 Workshop in Business Microcomputers
Prerequisite: Permission of Graduate Program Supervisor
This course provides the opportunity to investigate and study the skills and knowledge needed for efficient use of microcomputers in business and the delivery system used in providing such training to others. A "hands-on" approach using microcomputers will be emphasized. Topics include: microcomputer basics; selecting a microcomputer; BASIC programming; and popular business software programs, such as spreadsheet, accounting, word processing, and graphics.
5/29, 31; 6/5, 7, 12, 14 1730-2130
6/2, 16 0830-1630
BL 124 Instructor: Merlo
Class #8167 3 cr.
BUS 511/Organizational Communication for Business 3 cr.

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 communication, listening, inter- and intra-personal communications, diagnosing and solving communication problems and managing communications.

6/25-7/6 TR 1800-2200 BL 124 Instructor: Staff
Class #8169
Note: BUS 511 Organizational Communication for Business may be used as an elective for MSM students.

BUS 521/Computer Programming 3 cr. with COBOL

Development of programming concepts and skills using the COBOL language with emphasis on problem solving in education, business and government.

6/25-7/6 MTR 1340-1620 BL 125 Instructor: Sherron
Class #8171

BUS 591/Business Field Experience 3 cr.

Study of organizations through on-site visits and in-depth interviews and seminars with line and staff managers in areas directly related to business and distributive education. Investigation of industries through analyses of individual firms.

6/25-7/6 TR 1200-1630 BL 234 Instructor: Shenker
Class #8175

BUS 671/Trends and Issues in Business and Distributive Education 3 cr.

Prerequisite: BUS 560.
Examination of significant problems, issues, and trends in business and distributive education. Exploration of research and current thinking expressed in the professional literature.

6/25-7/6 MTR 0800-1040 BL 229 Instructor: Gaston
Class #8177

BUS 697/Independent Study in Business and Distributive Education 3 cr.

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

Hours: TBA
BUS 697B Class #8179 2 cr.
BUS 697C Class #8181 3 cr.
Coordinator: Everard

BUS 698/Department Project in Business and Distributive Education 3 cr.

A critical independent study on an aspect of business or distributive education of interest to the student that is explored under faculty guidance. Open only to students matriculated in the business and distributive education program.

Hours: TBA
Coordinator: Everard
Class #8183

BUS 699/Thesis/Creative Project 6 cr. in Business and Distributive Education 3 cr.

An original research or creative study under the guidance of a thesis committee approved by the Graduate Dean. Open only to students matriculated in the business and distributive education program.

Hours: TBA
Coordinator: Everard
Class #8185

Economics

ECO 550/Economic Education 3 cr.

Workshop
A comprehensive analysis of basic economic concepts and issues designed for teachers who teach at all levels. Exploration of instructional strategies and methods of integrating economic concepts in the curricula.

7/16-8/2 MTWR 1300-1630 BL 233 Instructors: Hall/Stout
Class #8187

Management

MGT 697/Independent Study in Management 3 cr.

Prerequisite: Permission of the management program supervisor.
A critical independent study on an aspect of management of interest to the student that is explored under faculty guidance.

Hours: TBA
MGT 697A Class #8189 1 cr.
MGT 697B Class #8191 2 cr.
MGT 697C Class #8193 3 cr.
Coordinator: Everard

MGT 699/Thesis/Creative Project 6 cr. in Management

Prerequisite: Permission of the management program supervisor.
An original research or creative study under the guidance of a thesis committee approved by the graduate dean. Open only to matriculated graduate students with a concentration in management.

Hours: TBA
Coordinator: Everard
Class #8195
### Industrial Education

**IED 562/Industrial Education**

A study of the plastics industry and its importance in the continuing development of American industry. Emphasis on the historical development, occupational opportunities and manufacturing processes.

- **Course**: 3 cr.
- **Workshop (Plastics)**
- **Section**: MTWR 0900-1700
- **Instructor**: Hess
- **Class #**: 8465

**IED 570/Industrial Education Workshop (Industrial Arts in Grades K-6)**

A workshop for teachers who possess basic skills with tools and materials. Appropriate construction activities related to units of study for grades K-6 will be developed. Exploration of the role of the elementary school consultant.

- **Course**: 1 cr.
- **Section**: MTWR 0900-1600
- **Instructor**: Weber
- **Class #**: 8467

**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.

- **Course**: 1 cr.
- **Section**: MTWR 1800-2100
- **Instructor**: Kelly
- **Class #**: 8469

**Industrial Ed. Workshop**

1 cr.

- **Gifted & Talented in V.E.**
- **Section**: MTWR 1800-2100
- **Instructor**: Kelly
- **Class #**: 8469

**Industrial Ed. Workshop**

1 cr.

- **Organizing & Managing I.E. Student Assoc.**
- **Section**: MTWR 1930-2200
- **Instructor**: Weber
- **Class #**: 8471

**Industrial Ed. Workshop**

3 cr.

- **Computers in I.E.**
- **Section**: MTR 1930-2200
- **Instructor**: Cappelle
- **Class #**: 8473

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### These Courses Are Covered By The Guarantee

**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 adviser.

- **Course**: 1-3 cr.
- **Hours**: TBA
- **Section**: MTWR F 0900-1700
- **Instructor**: Hessler
- **Class #**: 8455

**IED 697A**

Class # 8455

**IED 697B**

Class # 8477

**IED 697C**

Class # 8479

**Coordinator**: Thrower

**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.

- **Course**: 3 cr.
- **Hours**: TBA
- **Coordinator**: Asper
- **Class #**: 8481
ECE 504/Teaching Young Children 3 cr.
6/25-7/27 MTR 1045-1325
FH 349 Instructor: Staff
Class #8199

ECE 697/Independent Study in Early Childhood 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 adviser.
Hours: TBA
ECE 697A Class #8201 1 cr.
ECE 697B Class #8203 2 cr.
ECE 697C Class #8205 3 cr.
Coordinator: Durkin

SEC 514/Curriculum Theory and Practice 3 cr.
The contemporary public school curriculum from the primary through the secondary levels including social and educational foundations, basic factors in design, and common organizational patterns. This course is required and accepted by the New Jersey State Department of Education toward administrative or supervisory certificates.
6/25-7/27 MTR 0800-1040
FH 222 Instructor: Evangelisto
Class #8387
6/25-7/27 MTR 1040-1325
FH 226 Instructor: Evangelisto
Class #8389

SEC 520/Staff Supervision 3 cr.
Prerequisite: 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.
6/25-7/27 MTR 0800-1040
FH 211 Instructor: Smith
Class #8391
6/25-7/27 MTR 1045-1325
FH 256/257 Instructor: Smith
Class #8393

SEC 525/Introduction to Educational Administration 3 cr.
A comprehensive overview of the field of educational administration furnishes guidelines for professional career guidance in the administrative field. An examination of the objectives, techniques and materials of educational administration will be made in order to assist the prospective school administrator in administrative leadership. This course is accepted by the New Jersey State Department of Education toward principal and school administrator certificates.
6/25-7/27 MTR 0800-1040
FH 206/207 Instructor: Wright
Class #8395

SEC 530/Secondary School Curriculum 3 cr.
Prerequisite: SEC 514 or permission of instructor.
A competency-based, inquiry-oriented experience wherein the participant engages in the process of building a curriculum for secondary schools. Using data gleaned from background readings, personal experiences and interaction with others, the individual examines past and present curricular patterns, then designs new or modified patterns to meet the challenge of a total society in continual change. This course is accepted by the New Jersey State Department of Education toward administrative or supervisory certificates.
6/25-7/27 MTR 0800-1040
FH 202 Instructor: Wright
Class #8397

SEC 535/Curriculum Strategies 3 cr.
Prerequisite: SEC 514/Curriculum Theory and Practice.
An examination of the process by which curriculum implementation and infusion occurs. An investigation of a number of Organizational Development (OD) models and their application to curriculum implementation and infusion.
6/25-7/27 MTR 1340-1620
FH 226 Instructor: Evangelisto
Class #8399
SEC 560/Computer Technology in Educational Administration 3 cr.

Prerequisite: SEC 525.
The course will examine the relationship and role of computer technology to educational administration. Student will develop competencies through the study and utilization of the computer in scheduling, attendance, grade systems, inventory, personnel records and other administrative applications. The selection of administrative software, hardware and relevant research in this area will be studied. No previous computer experience is necessary.
6/25-7/27 MTR 1340-1620
FH 202 Instructor: Wright
Class #8401

SEC 697/Independent Study in Educational Field Experiences 1-3 cr.

Educational Foundations 1-3 cr.

EDF 500/Workshop in Foundations of Education 3 cr.

An in-depth study of highly specialized topics of recent origin, with an emphasis on application to foundations of education programs and on improvement of teaching effectiveness.
6/25-7/27 MTR 1340-1620
FH 222 Instructor: Carroll
Class #8207

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.
6/25-7/27 MTR 1045-1325
FH 211 Instructor: Staff
Class #8209

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.
6/25-7/27 MTR 1045-1325
FH 222 Instructor: Carroll
Class #8211

EDF 583/Practicum in Urban School and Community 3 cr.

On-site experiences arranged for students in government and interaction group related institutions and agencies in the community. Period of eight weeks arranged to fit the schedule of participating student.
6/25-7/27 MTR 1340-1620
FH 208 Instructor: Carroll
Class #8217

EDF 597B/Advanced Topics in Educational Foundations 3 cr.

An advanced course devoted to an in-depth study of current or specialized topics selected by the faculty and approved by the department.
6/25-7/27 MTR 1935-2215
FH 211 Instructor: Skelton
Class #8219

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.
6/25-7/27 MTR 1045-1295
FH 211 Instructor: Yengo
Class #8221

EDF 697A/Independent Study in Bilingual Education 3 cr.

An in-depth study of a topic within a specific area of the discipline involving supervised reading, research and regular conferences with the faculty adviser.
6/25-7/27 MTR 1935-2215
FH 210 Instructor: Carroll
Class #8223

EDG 697B/Independent Study in Educational Foundations 3 cr.

In-depth exploration of a topic within a specific area of the discipline involving supervised reading, research and regular conferences with the faculty adviser.
6/25-7/27 MTR 1935-2215
FH 210 Instructor: Carroll
Class #8227

EDF 697C/Independent Study in Urban Education 3 cr.

In-depth exploration of a topic within a specific area of the discipline involving supervised reading, research and regular conferences with the faculty adviser.
6/25-7/27 MTR 1935-2215
FH 210 Instructor: Carroll
Class #8229
### EDF 698/Departmental Project in 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 students should consult their advisers. Open only to students matriculated in the urban education program.

Hours: TBA
Coordinator: Carroll
Class #8231

### EDF 699/Thesis/Creative Project in Urban Education

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

Hours: TBA
Instructor: Staff
Class #8253

### Health Education

**See also: Physical Education; Safety**

#### HED 500/Workshop in Health

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.

6/25-7/27 MTR 1935-2215
FH 222 Instructor: Brown
Class #8257

#### HED 551/Alcohol and Narcotics

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

6/18-7/13 MTWR 1700-1930
FH 203 Instructor: Herzstein
Class #8259

#### HED 555/Seminar on Aging, Death and Dying

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

6/25-7/27 MTR 1045-1325
FH 203 Instructor: Herzstein
Class #8261

#### HED 653/Problems and Issues in Health and Safety Education

The study of major current problems and
issues in health and safety education including the place of health and safety education in the schools, problems of an older population, health in the atomic age, school-community cooperation in health safety programs, degenerative diseases and other specific health and safety problems.

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Credits</th>
<th>Instructor/Coordinator</th>
<th>Class</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>HPE 699</td>
<td>Thesis in Health, Physical Education, Recreation and Safety</td>
<td>6 cr.</td>
<td></td>
<td></td>
<td>Extensive research under the guidance of a thesis committee approved by the graduate dean. Open only to students matriculated in the health and physical education program. Hours: TBA Coordinator: Medve Class #8287</td>
</tr>
<tr>
<td>PED 541</td>
<td>Advanced Theory and Techniques in Golf</td>
<td>2 cr.</td>
<td></td>
<td></td>
<td>Investigation and application of recent information on theory, techniques, teaching and administrative procedures as they relate to golf. 6/4-6/15 MTWRF 1530-1830 Gym I &amp; II Instructor: Oshel Class #8293</td>
</tr>
<tr>
<td>PED 690</td>
<td>Professional Seminar</td>
<td>3 cr.</td>
<td></td>
<td></td>
<td>A culminating experience for the graduate student in health and physical education. Includes discussions and lectures with guest speakers, emphasis upon probable trends and future responsibilities of the individual and the profession. 6/25-7/27 MTW 0800-1040 FH 202 Instructor: Tillman Class #8295</td>
</tr>
<tr>
<td>RDG 571</td>
<td>Language and the Teaching of Reading</td>
<td>3 cr.</td>
<td></td>
<td></td>
<td>Prerequisite: An undergraduate or graduate course in the methods of teaching reading. Corequisite: Actively engaged in working with children and youth. Place of language in the cultural system; linguistics as an academic discipline: its organization, investigative methods and specialized terminology; examination of linguistic concepts significant for a reading program; analysis of American English, including standard and nonstandard dialects and the phenomena of urban ghetto speech; implications of these data for instruction. 6/25-7/27 MTR 1045-1325 FH 347 Instructor: Staff Class #8331</td>
</tr>
</tbody>
</table>

### Health Education, Physical Education, Recreation and Safety

**HPE 600/Investigative Design in Health, Physical Education, Recreation and Safety**

Research design discussed and opportunities provided for individual study. Areas include: creativity and communication, understanding and using research, identifying professional needs and problems, orientation to laboratory procedures, and application of inquiry and investigation to future growth and development in the field.

- **HPE 697** Independent Study in Health, Physical Education, Recreation and Safety
  - Exploration of a topic within a specific area of the discipline involving supervised reading, research and regular conferences with the faculty adviser.
  - Hours: TBA
  - HPE 697A: Class #8273 1 cr.
  - HPE 697B: Class #8275 2 cr.
  - HPE 697C: Class #8277 3 cr.
  - HPE 697D: Class #8279 4 cr.
  - HPE 697E: Class #8281 5 cr.
  - HPE 697F: Class #8283 6 cr.
  - Coordinator: Medve

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

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 #8285

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**Physical Education**

See also: Health Education; Safety

**PED 541/Advanced Theory and Techniques in Golf**

- Investigation and application of recent information on theory, techniques, teaching and administrative procedures as they relate to golf.
- **HPE 690/Professional Seminar**
  - 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.
- **HPE 697/Independent Study in Health, Physical Education, Recreation and Safety**
  - Exploration of a topic within a specific area of the discipline involving supervised reading, research and regular conferences with the faculty adviser.
  - Hours: TBA
  - HPE 697A: Class #8273 1 cr.
  - HPE 697B: Class #8275 2 cr.
  - HPE 697C: Class #8277 3 cr.
  - HPE 697D: Class #8279 4 cr.
  - HPE 697E: Class #8281 5 cr.
  - HPE 697F: Class #8283 6 cr.
  - Coordinator: Medve

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

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 #8285

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**Reading**

**RDG 571/Language and the Teaching of Reading**

- Prerequisite: An undergraduate or graduate course in the methods of teaching reading.
- Corequisite: Actively engaged in working with children and youth.
- Place of language in the cultural system; linguistics as an academic discipline: its organization, investigative methods and specialized terminology; examination of linguistic concepts significant for a reading program; analysis of American English, including standard and nonstandard dialects and the phenomena of urban ghetto speech; implications of these data for instruction.
- Hours: TBA
- Coordinator: Medve
- Class #8285
RDG 676/Introduction to Diagnostic Procedures 3 cr.
Prerequisite: RDG 573
Investigation of formal/informal diagnostic methods and materials for testing reading achievement; critical appraisal of these methods and materials based on psychological and linguistic principles; utilization of the results of diagnosis in identification of reading difficulties; identification of techniques appropriate for meeting these difficulties: case studies required.
6/25-7/27 MTR 1045-1325
FH 321 Instructor: Staff
Class #8333

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.
6/25-7/27 MTR 1045-1425
FH 319/320 Instructor: Staff
Class #8335

RDG 698/Department Project in Reading 3 cr.
A critical independent study of an aspect of reading of interest to the student that is explored under faculty guidance. Open only to students matriculated in the graduate Developmental Reading program.
Hours: TBA
Coordinator: Staff
Class #8337

RDG 699/Thesis/Creative Project 6 cr.
in Reading
An original research or creative study under the guidance of a thesis committee approved by the graduate dean. Open only to students matriculated in the Developmental Reading program.
Hours: TBA
Coordinator: Staff
Class #8339

SAF 582/Driver Education 3 cr.
Teacher Certification Program
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.
6/18-7/6 MTWRF 0900-1200
PA 104 Instructor: Medve/Oshel
Class #8343

Special Education

SED 501/Learning and Behavior 3 cr.
Problems of Handicapped Children
Prerequisite: Child psychology.
Learning and behavior characteristics of handicapped children; inter-related aspects of emotional, intellectual and physical development as affected by sensory, perceptual and motor disabilities, especially those resulting from neurological dysfunction, etiology and developmental characteristics as relevant to understanding behavior and learning problems.
6/25-7/27 MTR 800-1040
FH 348 Instructor: Alpaugh
Class #8361

SED 514/Curriculum and Methods 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: (a) with examination of curriculum preparation, lesson planning and classroom scheduling; (b) with examination of occupational orientation techniques; exploration of work experiences; selection of placement activities, and understanding of the role of community agencies in occupational planning and training; (c) with study of modern curriculum models and materials; and how to plan, write and utilize and IEP (individual educational plan).
6/25-7/27 MTR 1045-1325
FH 424 Instructor: Weisberg
Class #8363

SED 550/The Culturally Different Child (Behavior and Learning Problems)
Prerequisite: SED 501.
"Culturally deprived" children and youth—often identified as mentally retarded, slow learner, socially and emotionally maladjusted, and the core of the school dropout problem—serve as the center of concern.

Safety

SAF 581/Teaching Advanced First Aid and Personal Safety 3 cr.
Primarily designed to meet the needs of individuals who are in a position to teach safety and emergency first aid knowledge and skills which are required for American National Red Cross instructor certification.
6/18-7/6 MTWRF 1230-1530
PA 104 Instructor: Medve
Class #8341
Emphasis on the practical and immediate approach by the public schools in meeting the educational needs of these children.  
6/25-7/27  MTR 1045-1325  
FH 411  Instructor: Alpaugh  
Class #8365

SED 605/Individualizing Reading 3 cr.  
Instruction for Exceptional Children  
Prerequisite: SED 310, SED 501.  
Past and current research in teaching language arts to children with communications problems. Methods of teaching reading, writing, spelling and grammar and particular emphasis on the auditory, kinesthetic and tactile modes as well as the visual. The multi-media approach to teaching.  
6/25-7/27  MTR 1625-1905  
FH 348  Instructor: McRae  
Class #8367

SED 614/Management 3 cr.  
Techniques for Learning and Behavior Problems in the Classroom  
Prerequisite: SED 501.  
The variety of techniques which may be employed to enable the teacher to manage difficult behavior to facilitate learning. Intended for teachers of children with behavioral problems which interfere with learning.  
6/25-7/27  MTR 1625-1905  
FH 348  Instructor: Brightly  
Class #8369

SED 622/Curriculum Alternatives 3 cr.  
for the Developmentally Handicapped  
Pre-School Child, Age 3 to 5  
Prerequisites: SED 501 and a course in child growth and development or equivalent.  
Consideration will be given to the characteristics of growth and development in relation to the curricula needs of both normal and the handicapped pre-school child, ages 3-5. Formal and informal pre-school programs will be researched, and early identification models and strategies for intervention will be examined and evaluated.  
6/25-7/27  MTR 1625-1905  
FH 349  Instructor: Johnson  
Class #8371

SED 625/Biophysical and Neurological Problems in Children  
Prerequisite: SED 501.  
Designed to aid school personnel to recognize biophysical and neurological problems in children; to understand some organic determinants of behavior; to understand their etiology; to become familiar with resources and methods available both within and outside the school for diagnosis, treatment and rehabilitation.  
6/25-7/27  MTR 0800-1040  
FH 424  Instructor: Weisberg  
Class #8373

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.  
6/25-7/27  MTR 1340-1620  
FH 349  Instructor: Riley  
Class #8375

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.  
Hours: TBA  
Coordinator: Weisberg  
Class #8377

SED 696/Practicum—Observation and Participation  
Prerequisites: SED 501, SED 514, SED 605, SED 625, SED 643.  
An observation and participation program for Track II and post master's 24 s.h approved certification graduate students to enable the student to have direct contact with the following: observation of and participation in programs and teaching strategies relating to special education curricula in a number of settings; examination of techniques of evaluation and management outcomes; exploration of resources and facilities available to meet the special education needs. A fee may be required.  
Hours: TBA  
Coordinator: McRae  
Class #8379
Speech Pathology & Audiology

SPP 515/Cleft Palate and other Oral Anomalies 3 cr.
Prerequisite: An undergraduate degree in speech pathology or the equivalent.
A study of remedial methods for speech disorders resulting from cleft palate, which include reversed swallowing.
6/25-7/27 MTR 1645-1925
FH 208 Instructor: Schwartz
Class #8433

SPP 518/Childhood Aphasia and Language Disorders 3 cr.
Prerequisite: An undergraduate degree in speech pathology or the equivalent.
Investigation of the neurophysiological bases of childhood language disorders; the role of the speech pathologist in the diagnostic process; and a study of remedial approaches and techniques.
6/25-7/27 MTR 1645-1925
FH 409 Instructor: Jenson
Class #8435

SPP 540/Applied Diagnostics in Speech Pathology 3 cr.
Prerequisite: Undergraduate degree or equivalent in speech pathology or permission of the instructor.
Advanced study of the principles and procedures of assessment for communication disorders; test administration and interpretation, diagnostic report writing, interview techniques, staffing and referrals.
6/25-7/27 MTR 800-1040

FH 409 Instructor: Staff
Class #8437

SPP 542/Alternative Communication Systems 3 cr.
Prerequisite: Undergraduate degree in speech pathology or equivalent and a course in childhood or adult language disorders; course to be taken concurrently with a practical experience.
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.
6/25-7/27 MTR 1340-1620
FH 409 Instructor: Jenson
Class #8439

SPP 590A/Clinical Practicum 3 cr.
Prerequisite: Completion of two required courses in the area of specialization.
The course includes observation, analysis and guided experience in the evaluation and remediation of speech, hearing and language disabilities as well as procedures for organizing and maintaining programs of therapy for these disorders in school and clinical settings. Special fee may be required.
6/25-7/27 MTR 1340-1620
FH 411 Instructor: Druker
Class #8441

SPP 590B/Clinical Practicum 3 cr.
Prerequisite: An undergraduate degree in speech pathology or the equivalent.
Provides an opportunity to study in depth an area of interest to the student. Provides opportunity for participation in an activity related to the area. Open only to students matriculated in the speech correction or speech pathology program.
Hours: TBA
Instructor: Hornyak
Class #8443

SPP 597/Advanced Topics in Speech Pathology and Audiology 3 cr.
An advanced course devoted to an in-depth study of current or specialized topics selected by the faculty and approved by the department.
6/25-7/27 MTR 1045-1325
FH 407 Instructor: Druker
Class #8445

SPP 605/Disorders of Articulation 3 cr.
Prerequisite: An undergraduate degree in speech pathology or the equivalent.
Advanced study of diagnostic procedures and therapy methods applied to functional articulation problems.
6/25-7/27 MTR 1340-1620
FH 410 Instructor: Schwartz
Class #8447
SPP 697/Independent Investigation

Prerequisite: An undergraduate degree in speech pathology or its equivalent.

Provides an opportunity to study in depth an area of interest to the student. Provides opportunity for participation in an activity.

Hours: TBA

SPP 697A Class #8449 1 cr.
SPP 697B Class #8451 2 cr.
SPP 697C Class #8453 3 cr.

Coordinator: Schwartz

SPP 698/Department Project 3 cr.

In Speech

Critical independent study of an aspect of speech of interest to the student that is explored, under faculty guidance. Open only to students matriculated in the speech correction or speech pathology program.

Hours: TBA

Coordinator: Schwartz

Class #8455

SPP 699/Thesis/Creative Project 6 cr.

In Speech

An original research or creative study under the guidance of a thesis committee approved by the graduate dean. Open only to students matriculated in speech correction or speech pathology program.

Hours: TBA

Coordinator: Schwartz

Class #8455

Student Personnel Services

SPG 501/Introduction to Counseling and Student Personnel Services

Major emphasis is on the applied psychology of the helping relationship through active field experiences, human relations training and exploration of field opportunities.

6/18-7/6 MTW 1730-2155
FH 407 Instructor: Kouzes
Class #8411

SPG 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.

6/25-7/27 MTR 1045-1325
FH 410 Instructor: Yengo
Class #8413

SPG 535/Career Counseling and Placement 3 cr.

Prerequisite: Permission of department.

This course is designed to provide the necessary knowledge and skills required for those individuals who wish to do career counseling in an agency, public school or post-secondary 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.

6/25-7/27 MTR 0810-1040
FH 411 Instructor: Staff
Class #8415

SPG 551/Alcohol, the Individual and Society 3 cr.

The effects of alcohol on the body as well as society are 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 they affect the individual and society is stressed.

6/25-7/27 MTR 1645-1925
FH 411 Instructor: Fassbender
Class #8417

SPG 675/Group Guidance and Counseling 3 cr.

Prerequisite: SPG 501, SPG 515, SPG 670 (SPG 675 may be taken concurrently with SPG 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 on-going counseling groups.

6/18-7/6 MTW 1730-2155
FH 409 Instructor: Ramsey
Class #8421

SPG 677/Group Leadership Skills 3 cr.

Prerequisite: SPG 675.

Study and practice of professional skills and behaviors which enable the group leader to activate and maintain effective counseling groups. Focus will be on how the leader capitalizes on group forces to encourage member goal achievement.

6/18-7/6 MTW 1730-2155
FH 410 Instructor: Worthington
Class #8423

SPG 670/Counseling Theory 3 cr.

Prerequisites: SPG 501 & SPG 515.

Designed to develop a sound under-
standing of the counseling relationship through 1) presentation of a range of psychological theories as they apply to counseling, 2) exploration of the role of counselor, and 3) examination of oneself in the role of counselor. Students given the opportunity to develop their own counseling skills through activities that involve observation, role-playing, interviews and self-exploration.

6/25-7/27  MTR 1645-1925  
FH 424  Instructor: Staff  
Class #8419

SPG 680/Practicum in Counseling and Testing  
Prerequisites: SPG 670, SPG 675.  
Basic laboratory experience, students will engage in the development of effective counseling behaviors and practice test selection, administration, scoring and interpretation. The focus is on an integration of counseling theory and practice and educational testing.

6/25-7/27  MTR 1935-2215  
FH 348  Instructor: Staff  
Class #8425

SPG 697/Independent Study in Student Personnel Services  
Prerequisite: EDF 600 or permission of department.

6/25-7/27  MTR 1645-1925  
FH 424  Instructor: Staff  
Class #8427

SPG 698/Department Project in Student Personnel Services  
Prerequisites: SPG 697.

6/25-7/27  MTR 1645-1925  
FH 424  Instructor: Staff  
Class #8429

SPG 699/The Thesis/Creative Project in Student Personnel Services  
Prerequisite: EDF 600 or permission of department.

6/25-7/27  MTR 1645-1925  
FH 424  Instructor: Staff  
Class #8431
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
- Art, Teaching
- Communication and Theatre, Liberal Arts
- Communication and Theatre, Teaching
- English, Liberal Arts
- English, Teaching
- Geography, Liberal Arts
- Geography, Teaching of Social Studies
- History, Liberal Arts
- History, Teaching of Social Studies
- Mathematics, Liberal Arts, Computer Science or Statistics
- Mathematics, Teaching
- Music, Liberal Arts
- Music, Teaching
- Philosophy
- Political Science, Liberal Arts or Public Administration
- Political Science, Teaching of Social Studies
- Psychology
- Sociology, Liberal Arts
- Sociology, Teaching of Social Studies

**Bachelor of Science**
- Administrative Office Management
- Biology
- Biology, Teaching
- Business Administration (with an Accounting, General Business, Management, Marketing, Finance, or Public Administration Emphasis)
- Business Economics
- Business Education
  (With either Full Certification, Accounting, or Secretarial Studies Emphasis)
- Chemistry
- Chemistry, Teaching of Physical Science
- Criminal Justice
- Distributive Education
- Early Childhood Education
- Electronic Engineering Technology
- Elementary Education
- Health Education
- Health and Physical Education
- Industrial Education (with Industrial Arts or Vocational-Industrial Emphasis)
- Industrial Engineering Technology
- Mechanical Engineering Technology
- Nursing
- Physics, Health Physics
- Physics, Teaching of Physical Science
- Recreation
- Special Education for the Developmentally Handicapped
- Special Education for the Hearing Impaired
- Speech Pathology and Audiology (For other than public schools)
- Speech Pathology and Audiology (For public school work)
- Teacher-Librarian (Combines Elementary Teaching and School Librarian)

Note: Program codes to be used on applications for admission are listed after each program title within the departmental listings.
Graduate Programs

Degrees Offered

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

Master of Arts in Teaching
- Business & Distributive Education
- 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
- Student Personnel Services
- Urban Education†

Master of Science
- Management†

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

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

Certificate Program
- Gerontology***

*Contact Dr. Schwartz (609) 771-2396
**See pages 23, 60 of the Graduate Catalog for further information.
***See pages 24, 68 of the Graduate Catalog for further information.
†See page 69 of the Graduate Catalog for further information.

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.
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."

GRADUATING STUDENTS, SUMMER 1984

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, 1984. 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 Industrial Education and Engineering 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.
An auditor may not elect to receive credit for a course after classes begin. Since only a limited number of auditors can be accommodated, only students presenting bona fide reasons will be granted this privilege.

**Course Numbering**

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

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

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

**Course Prerequisites**

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

**Credit Load**

*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 registrar.

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

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

**Grades**

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

Grades will *not* be released over the telephone or in person.
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 and Adult Education. After a student has officially withdrawn, the instructor must assign a grade of “WP” or “WF” as appropriate. If no official withdrawal is received, the student’s grade will be an automatic “F”.

See class schedule pages 68 to 76 for specific withdrawal and refund dates.
STUDENT SERVICES
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 St. Francis Medical Center Emergency Room for treatment if they cannot wait until the next day. The Campus Police (609) 771-2167 may be called for assistance with directions, transportation, etc. if needed. Service at the Health Center is free; however, all expenses for services rendered by community facilities and practitioners are the responsibility of the student.

Parking on Campus

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

Foreign Students

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

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

Veterans’ Assistance

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

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

Disabled Students

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

The Women's Center in Room 14 of Green Hall offers a variety of programs and services for the Trenton State College community:

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

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

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

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

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

The Clayton R. Brower Student Center

The Clayton 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 CN550, Trenton, NJ 08625. Telephone: (609) 771-2264.

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

HOUSING ACCOMMODATIONS AND FOOD SERVICE

Living on Campus

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

1. Request an application form from the Summer Session Office, Green Hall, Room 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 reservation is made, there may be a two-day period at the start of the summer session before a room can be assigned. Students must present receipt of room payment before checking into the residence hall.

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

4. Remember the following dates and policy:
   a. Reservations for the summer session must be received by June 8, 1984.
   b. Residence halls will be open on June 17, 1984, at 4 p.m. and close on July 27, 1984 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 Housing Office.

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

5. Housing Rates for Summer Session:
   For 6 weeks of summer session $306.00
   For 1 week (3 nights or more) $51.00

TO LIVE ON CAMPUS AS AN OCCASIONAL OVERNIGHT GUEST

Arrangements for commuting students who desire overnight accommodations, minimum of once a week in residence halls, should be made at the Housing Office, preferably at least 24 hours in advance. The charge is $10.00 per night, plus a $5.00 refundable key charge. The key refund is obtained from the Housing Office by presenting a clearance slip obtained from the director of summer residences.

EATING ON CAMPUS

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

1. Students may choose from among the following meal contracts:
   19 meals per week @ $34.00/wk
   Any 14 meals per week @ $32.00/wk
   Any 10 meals per week @ $30.50/wk

   *Please add the cost of the meal contracts to the room rent for the total room and board cost.
2. Meals will be available for students in the residence dining halls on an a la carte basis. Meal prices will be as follows:

<table>
<thead>
<tr>
<th>Meal</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Breakfast</td>
<td>$1.80</td>
</tr>
<tr>
<td>Lunch</td>
<td>$2.85</td>
</tr>
<tr>
<td>Dinner</td>
<td>$3.85</td>
</tr>
<tr>
<td>Brunch</td>
<td>$2.85</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 Student 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, June 18 and Tuesday, June 19-8:30 a.m.-8 p.m.
- Monday, June 25 and Tuesday, June 26-8:30 a.m.-8 p.m.
- Monday-Friday—9 a.m.-5 p.m.

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

**LIBRARY HOURS**

During the 1984 Summer Session (June 18 through July 27) the library will be open during the following hours:
- Monday through Thursday ........................................ 7:45 a.m.-10:30 p.m.
- Friday ......................................................................... 8:30 a.m.-6 p.m.
- Sunday ........................................................................ Closed
- July 4 .......................................................................... Closed

During the pre-season (June 4-June 15) and the post-session (July 30-August 10) the library will open Monday through Friday, 8:30 a.m.-4:30 p.m.

**Intramurals and Recreation Services**

The Trenton State College Intramural and Recreation Services program provides opportunities for the college community to participate in many informal recreational activities throughout the summer months.
The Student Recreation Center is available at regularly scheduled hours and includes racquetball courts, tennis courts, 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 seven lighted tennis courts, two basketball courts and the 3.25 mile jogging course. Copies of course maps are available at the Student Recreation Center.

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

Monthly activity and facility calendars along with additional information and schedules are all available at the Student Recreation Center. To find out more, call the following numbers:

Court Reservations: 771-2190
Intramural Sports: 771-2223
Recreation & Sport Clubs: 771-2389
June 4-June 15  Pre-Session
(Registration for this session must be completed on or before June 4, 1984.)

June 18-July 27  Six-Week Session
(Registration dates vary according to specified class schedules—see Registration Deadlines for dates.)

June 25-July 27  Five-Week Session
(Registration dates vary according to specified class schedules—see Registration Deadlines for dates.)

July 4 (Wednesday)  College Closed
(Courses scheduled to meet on Wednesdays will meet Friday, July 6.)

July 30-August 10  Post-Session
(Registration for this session must be completed on or before July 30, 1984.)

PLEASE NOTE: TRENTON STATE COLLEGE WILL BE CLOSED ON THE FOLLOWING FRIDAYS.
June 22, 1984
June 29, 1984
July 13, 1984
July 20, 1984
July 27, 1984

THE COLLEGE WILL BE OPEN FRIDAY, JULY 6 FOR CLASSES SCHEDULED TO MEET ON WEDNESDAY, JULY 4.
Classes scheduled for Wednesday, July 4 will be held Friday, July 6.

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>Building Code</th>
<th>Building Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Armstrong Hall</td>
<td>AR</td>
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</tr>
<tr>
<td>Bray Hall</td>
<td>BR</td>
<td>5</td>
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<tr>
<td>Bliss Hall</td>
<td>NBL</td>
<td>4</td>
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<tr>
<td>Crowell Hall</td>
<td>CH</td>
<td>34</td>
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<td>Forcina Hall</td>
<td>FH</td>
<td>43</td>
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<td>Green Hall</td>
<td>GR</td>
<td>16</td>
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<tr>
<td>Holman Hall</td>
<td>HH</td>
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<td>Kendall Hall</td>
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<td>21</td>
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<tr>
<td>Library</td>
<td>LN</td>
<td>36</td>
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<td>Nursing Building</td>
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<td>Packer Hall</td>
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<td>Relocatable</td>
<td>RE</td>
<td>32</td>
</tr>
<tr>
<td>Classrooms</td>
<td></td>
<td></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. 1600 = 4 p.m.
0900 = 9 a.m. 1700 = 5 p.m.
1000 = 10 a.m. 1800 = 6 p.m.
1100 = 11 a.m. 1900 = 7 p.m.
1200 = 12 NOON 2000 = 8 p.m.
1300 = 1 p.m. 2100 = 9 p.m.
1400 = 2 p.m. 2200 = 10 p.m.
1500 = 3 p.m.

M = Monday  T = Tuesday
W = Wednesday  R = Thursday
F = Friday  S = Saturday
TBA = To Be Arranged
### 5 WEEK 2 DAY
6/25-7/27

<table>
<thead>
<tr>
<th>Time</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>5:00-9:10</td>
<td>CRJ 310</td>
<td>Juvenile Delinquency</td>
<td>BL233</td>
</tr>
<tr>
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<td></td>
<td>TR 1700-2210 50% WD: 7/3—Final WD: 7/10</td>
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<tr>
<td>6:00-10:10</td>
<td>BUS 511</td>
<td>Org Comm Bus</td>
<td>BL124</td>
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<tr>
<td></td>
<td></td>
<td>TR 1840-2210 50% WD: 7/3—Final WD: 7/10</td>
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### 5 WEEK 3 DAY
6/25-7/27

<table>
<thead>
<tr>
<th>Time</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Location</th>
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<tbody>
<tr>
<td>8:00-10:40</td>
<td>ART 101</td>
<td>Foundations of Art</td>
<td>HH374</td>
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<tr>
<td></td>
<td>BUS 671</td>
<td>Trends &amp; Issues in B D ED</td>
<td>BL229</td>
</tr>
<tr>
<td></td>
<td>CRJ 435</td>
<td>Research &amp; Planning</td>
<td>BL235</td>
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<tr>
<td></td>
<td>CTH 100</td>
<td>Public Speaking</td>
<td>KE113</td>
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<td></td>
<td>EDF 400</td>
<td>Tchr in, Sch &amp; Comm</td>
<td>FH210</td>
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<tr>
<td></td>
<td>ELM 325</td>
<td>Teaching Social Studies</td>
<td>FH347</td>
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<tr>
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<td>ELM 562</td>
<td>Computer App.</td>
<td>FH103</td>
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<td></td>
<td>ENG 246</td>
<td>The Film</td>
<td>HH372</td>
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<tr>
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<td>GOL 120</td>
<td>Intro. Geo.</td>
<td>CH139</td>
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<td></td>
<td>HED 150</td>
<td>Contemporary Health Problems</td>
<td>PA103</td>
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<td></td>
<td>HED 358</td>
<td>Perspectives Aging, Death and Dying</td>
<td>FH203</td>
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<td>HED 653</td>
<td>Problems and Issues in Health &amp; Saf. Ed.</td>
<td>FH204</td>
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<td>HIS 116</td>
<td>Intr US Mod</td>
<td>EB208</td>
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<td>PED 690</td>
<td>Professional Seminar</td>
<td>FH202</td>
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<td>POL 321</td>
<td>Constitution Law Civ Lib</td>
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<td>RDG 323</td>
<td>Tch. Rdg.</td>
<td>FH319</td>
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<td></td>
<td>RDG 327</td>
<td>Diag. Reading</td>
<td>FH320</td>
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<tr>
<td></td>
<td>SEC 514</td>
<td>Curr. Theory &amp; Pract.</td>
<td>FH222</td>
</tr>
<tr>
<td></td>
<td>SEC 520</td>
<td>Staff Supervision</td>
<td>FH211</td>
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<tr>
<td></td>
<td>SEC 525</td>
<td>Intro to Ed Admin.</td>
<td>FH206/07</td>
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<tr>
<td></td>
<td>SED 501</td>
<td>Lrng. &amp; Beh Prob.</td>
<td>FH348</td>
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<td>10:45-1:25</td>
<td>SED 625</td>
<td>Biophys &amp; Neuro Prob.</td>
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<td></td>
<td>SPG 535</td>
<td>Career Plan Pl.</td>
<td>MTR</td>
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<td>SPP 540</td>
<td>Appl. Diag.</td>
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<td>RDG 676</td>
<td>Intro Diag Proc</td>
<td>FH424</td>
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<td>RDG 682</td>
<td>Prac Diag Proc</td>
<td>FH319/320</td>
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<tr>
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<td>SEC 514</td>
<td>Curr Theory &amp; Prac</td>
<td>MTR</td>
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<td>SEC 520</td>
<td>Staff Supervision</td>
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<td>SEC 530</td>
<td>Sec. School Curr.</td>
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<td>SED 514</td>
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<td>SED 550</td>
<td>Culturally Different</td>
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<td>SOC 504</td>
<td>Comm: Soc Org Struct.</td>
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<td>SPG 515</td>
<td>Educ. Stat.</td>
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<td>SPP 518</td>
<td>Child. Aphasia</td>
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<td></td>
<td>SPP 597</td>
<td>Adv Top</td>
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<tr>
<td>1:40-4:20</td>
<td>ART 105</td>
<td>Intro to Art History</td>
<td>FH130</td>
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<tr>
<td></td>
<td>AOM 315</td>
<td>Bus Report Writing</td>
<td>BL229</td>
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<td></td>
<td>BUS 521</td>
<td>Computer Prog COBOL</td>
<td>BL125</td>
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<tr>
<td></td>
<td>CRJ 250</td>
<td>White Collar Crime</td>
<td>BL235</td>
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<tr>
<td></td>
<td>CTH 100</td>
<td>Public Speaking</td>
<td>KE113</td>
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<td>EDF 300</td>
<td>Dev. of Educ. Thgt.</td>
<td>FH210</td>
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<td></td>
<td>EDF 400</td>
<td>Tchr in Sch &amp; Comm</td>
<td>FH211</td>
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<tr>
<td></td>
<td>EDF 500</td>
<td>Found of Education</td>
<td>FH222</td>
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<td>EDF 583</td>
<td>Prac. in Uran School</td>
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<td>GGR 375</td>
<td>Man's Impact on Envir.</td>
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<td></td>
<td>HIS 101</td>
<td>West Civ to 1648</td>
<td>FH209</td>
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### 5 WEEK 3 DAY

<table>
<thead>
<tr>
<th>Time</th>
<th>Course Code</th>
<th>Course Name</th>
<th>Building</th>
</tr>
</thead>
<tbody>
<tr>
<td>4:45-7:25</td>
<td>ACC 250</td>
<td>Accounting Prin I</td>
<td>BL128</td>
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<td>AOM 312</td>
<td>Office Mgt.</td>
<td>BL229</td>
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</tr>
<tr>
<td></td>
<td>EDF 600</td>
<td>Intro to Research</td>
<td>FH211</td>
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<td>ENG 507</td>
<td>Applied Eng Ling.</td>
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<td>HED 356</td>
<td>Foundations Sex Ed.</td>
<td>FH222</td>
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<td>HIS 102</td>
<td>West Civ to 1648</td>
<td>FH209</td>
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<td>MKT 340</td>
<td>Market Prin</td>
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<td>SPG 551</td>
<td>Alcohol Ind Soc</td>
<td>FH411</td>
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<td>SPG 670</td>
<td>Counsel Theory</td>
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<td>SPP 515</td>
<td>Cleft Palate</td>
<td>FH208</td>
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<tr>
<td>7:35-10:15</td>
<td>BUS 330</td>
<td>Bus &amp; Econ Stat</td>
<td>BL229</td>
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<tr>
<td></td>
<td>BUS 333</td>
<td>Public Relations</td>
<td>BL125</td>
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<td>EDF 597</td>
<td>Adv Topics in Ed Found</td>
<td>FH211</td>
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<tr>
<td></td>
<td>EDF 600</td>
<td>Intro to Research</td>
<td>FH210</td>
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<td></td>
<td>HED 500</td>
<td>Workshop Health Ed. Fam. Life Ed.</td>
<td>FH204</td>
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<td></td>
<td>MGT 310</td>
<td>Mgt Prin</td>
<td>BL128</td>
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<tr>
<td></td>
<td>MUS 150</td>
<td>Survey of Music Lit</td>
<td>BR125</td>
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<td>POL 110</td>
<td>Am Natl Gov</td>
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<td>SPG 680</td>
<td>Practicum Cnsl &amp; Test</td>
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50% WD: 7/3
Final WD: 7/9
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<tr>
<td>8:00-10:00</td>
<td>ENG 550 Seminar in Poetry</td>
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<td>PSY 101 Intro. Psych I</td>
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<tr>
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<td>PSY 102 Intro Psych II</td>
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<td>PSY 222 Child Psych</td>
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<td>ENG 345 Studies in Literature</td>
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<td>PSY 203 Stat Behav Sci I</td>
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<td>PSY 224 Adolescent Psych</td>
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<td></td>
<td>PSY 310 Prin Learning</td>
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<td>10:30-12:30</td>
<td>ENG 345 Studies in Literature</td>
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<td>PSY 203 Stat Behav Sci I</td>
<td>MTWR</td>
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<td>PSY 224 Adolescent Psych</td>
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<td>PSY 310 Prin Learning</td>
<td>MTWR</td>
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<td>12:45-2:45</td>
<td>PSY 101 Intro Psych I</td>
<td>MTWR</td>
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<td>PSY 316 Psych Personality</td>
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<td>PSY 331 Intro to Abnormal Psych</td>
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<td>7:15-9:15</td>
<td>IED 393 Cont Meth PAVE</td>
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<td>PSY 101 Intro Psych I</td>
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<td>PSY 316 Psych Personality</td>
<td>MTWR</td>
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<td>PSY 331 Intro to Abnormal Psych</td>
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50% WD: 7/3
Final WD: 7/10
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<tr>
<td>8:00-10:15</td>
<td>CSC 108 Elem Comp</td>
<td>MTR</td>
<td>HH 120</td>
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<td>8:00-10:15</td>
<td>PHI 101 Intro to Phil</td>
<td>MTR</td>
<td>HH 315</td>
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<tr>
<td>10:30-12:45</td>
<td>ENG 222 Short Story</td>
<td>MTR</td>
<td>HH 253</td>
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<td>10:30-12:45</td>
<td>PHI 120 Intro to Logic</td>
<td>MTR</td>
<td>HH 204</td>
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<tr>
<td>10:30-12:45</td>
<td>SOC 101 Intro Soc</td>
<td>MTR</td>
<td>BL 123</td>
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<td>1:00-3:15</td>
<td>CSC 215 Intro Comp Sci</td>
<td>MTR</td>
<td>HH 118</td>
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<tr>
<td>1:00-3:15</td>
<td>REL 151 Comparative Rel</td>
<td>MTR</td>
<td>HH 304</td>
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<td>5:00-7:15</td>
<td>CSC 108 Elem Comp</td>
<td>MTR</td>
<td>HH 120</td>
</tr>
<tr>
<td>5:00-7:15</td>
<td>CTH 100 Speech I</td>
<td>MTR</td>
<td>KE 113</td>
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<tr>
<td>5:00-7:15</td>
<td>SOC 101 Intro Soc</td>
<td>MTR</td>
<td>BL 123</td>
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<tr>
<td>7:30-9:45</td>
<td>CSC 215 Int Comp Sci</td>
<td>MTR</td>
<td>HH 117</td>
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<tr>
<td>7:30-9:45</td>
<td>CSC 215 Int Comp Sci</td>
<td>MTR</td>
<td>HH 118</td>
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50% WD: 6/28
Final WD: 7/5

5:15-6:55

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<tr>
<td>5:15-6:55</td>
<td>MAT 115 Statistics I</td>
<td>MTWR</td>
<td>HH 105</td>
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<tr>
<td>5:15-6:55</td>
<td>MAT 120 Elem Math Anal</td>
<td>MTWR</td>
<td>HH 117</td>
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<tr>
<td>5:15-6:55</td>
<td>MAT 225 Diff Calc I</td>
<td>MTWR</td>
<td>HH 118</td>
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</table>
### Week Beginning 5/28

- **NUR 406 Contemporary Nursing**
  - MT R NU 110
  - 1700-2200 5/28-6/21
  - 50% WD: 6/4—Final WD: 6/7

### Week Beginning 6/4

- **ECO 201 Principles of Economics:** *Macro*
  - MTR BL229
  - 1045-1325 6/4-7/6
  - 50% WD: 6/12—Final WD: 6/18

- **HED 150 Contemp. Health Prob.**
  - MT R PA103
  - 1630-1915 6/4-6/15
  - 50% WD: 6/6—Final WD: 6/8

- **PED 131 Golf**
  - MTWR 1530-1800
  - Gym I & II
  - 6/4-6/15
  - 50% WD: 6/6—Final WD: 6/8

- **PED 201 Aquatics**
  - MTWR 1930-2230
  - Pool
  - 6/4-6/15

- **PED 203 Anatomy & Physiology**
  - MTWR PA101
  - 0800-1200 6/4-6/21
  - 50% WD: 6/7—Final WD: 6/12

- **PED 541 Adv. Theor. Golf**
  - MTWR 1530-1800
  - Gym I & II
  - 6/4-6/15
  - 50% WD: 6/6—Final WD: 6/8

### Week Beginning 6/11

- **BIO 181 Biology Principles**
  - MTWR Lecture NU323
  - Lab CH201
  - 1730-2030 6/11-7/5
  - 50% WD: 6/18—Final WD: 6/21

- **BIO 183 General Biology I**
  - MTWR Lecture NU110
  - Lab CH217
  - 0830-1320 6/11-7/5
  - 50% WD: 6/18—Final WD: 6/21

- **CHM 351 Organic Chemistry I**
  - MTWR Lecture CH101
  - Lab CH339
  - 0930-1320 6/11-7/13

- **CHM 370 Fundamentals of Chemical Instrumentation**
  - MTR Lecture NU321
  - Lab CH337
  - 1700-2110 6/11-7/12

### Week Beginning 6/18

- **PHY 201 General Physics**
  - MTWR Lecture CH111
  - Lab CH334
  - 0800-1210 6/11-7/6
  - 50% WD: 6/18—Final WD: 6/21

- **ACC 260 Accounting Principles I**
  - MTWR BL128
  - 0810-1040 6/18-7/12

- **BIO 532 Phycology**
  - TWR NU111
  - 1800-2130 6/18-7/6
  - 50% WD: 7/3—Final WD: 7/10

- **BUS 317 Introduction to Law and Contracts**
  - MTWR BL129
  - 1050-1330 6/18-7/12

- **BUS 329 Corporate Finance I**
  - MTWR BL125
  - 0800-1040 6/18-7/12

- **BUS 332 Business Communication**
  - MTWR BL124
  - 0800-1040 6/18-7/12

- **BUS 430 Corporate Finance II**
  - MTWR BL124
  - 1050-1330 6/18-7/12

- **CHM 201 General Chemistry I**
  - MTWR Lecture NU111
  - Lab CH319
  - 0800-1300 6/18-7/12

- **CHM 201 General Chemistry I**
  - MTWR Lecture NU321
  - Lab CH316
  - 0900-1400 6/18-7/12

- **HED 453 Alcohol & Narcotics Workshop**
  - MTWR FH203
  - 1700-1930 6/18-7/13
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<th>Course Code</th>
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<th>Days</th>
<th>Start Time</th>
<th>End Time</th>
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<th>End Date</th>
<th>Percentage</th>
<th>Final Date</th>
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<tr>
<td>SAF 582</td>
<td>Driver Education</td>
<td>MTWR</td>
<td>0900-1200</td>
<td>6/18-7/6</td>
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<tr>
<td>SPA 101</td>
<td>Spanish I</td>
<td>MTWR</td>
<td>1715-2055</td>
<td>6/18-7/5</td>
<td>50% WD: 6/21</td>
<td>Final WD: 6/26</td>
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<td>Week Beginning 6/25</td>
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**BUS 591** Business Field Experience  
MTWR  
1200-1630  6/25-7/26  
50% WD: 7/3—Final WD: 7/10

**IET 111** Graphic Representation  
MTR  
1800-2210  6/25-7/27  
50% WD: 7/3—Final WD: 7/9

**IET 312** Machine Draw.  
MTR  
1800-2210  6/25-7/27  
50% WD: 7/3—Final WD: 7/9

**Week Beginning 7/9**

**BIO 182** Principles Biology II  
MTWR  
1730-2030  7/9-8/2  
50% WD: 7/16—Final WD: 7/19
BIO 184 General Biology II  
MTWR Lecture NU110  
Lab CH217  
0800-1250 7/9-8/2  
50% WD: 7/16—Final WD: 7/19  

ECO 202 Princ Econ MICRO  
MTR  
1045-1325 7/9-8/10  
50% WD: 7/17—Final WD: 7/23  

PHY 202 General Physics  
MTWR Lecture CH111  
Lab CH334  
1730-2140 7/9-8/3  
50% WD: 7/16—Final WD: 7/19  

SPA 102 Spanish II  
MTWR  
17:15-2055 7/9-7/26  
50% WD: 7/12—Final WD: 7/17  

Week Beginning 7/16  
ACC 261 Account Prin II  
MTWR  
0810-1040 7/16-8/9  
50% WD: 7/23—Final WD: 7/26  

CHM 202 Gen Chem II  
MTWR Lecture NU111  
Lab CH319  
0800-1300 7/16-8/9  
50% WD: 7/23—Final WD: 7/26  

CHM 202 Gen Chem II  
MTWR Lecture NU321  
Lab CH316  
0900-1400 7/16-8/9  
50% WD: 7/23—Final WD: 7/26  

CHM 352 Organic Chem II  
MTWR Lecture CH101  
Lab CH339  
0930-1320 7/16-8/17  
50% WD: 7/25—Final WD: 7/31  

ECO 550 Econ Ed Workshop  
MTWR  
1300-1630 7/16-8/2  
50% WD: 7/19—Final WD: 7/24  

IED 466 Workshop in I E  
(Gifted & Talented in V.E.)  
MTWR  
1800-2100 6/25-6/28  
50% WD: On first meeting day—Final WD: On second meeting day.  

IED 570 IE Workshop  
(Technology for Children)  
MTWR  
0900-1600 6/25-6/29  
50% WD: On first meeting day—Final WD: On second meeting day.  

IED 581 Industrial Ed. Workshop  
(Gifted & Talented in V.E.)  
MTWR  
1800-2100 6/25-6/28  
50% WD: On first meeting day—Final WD: On second meeting day.  

IED 581 Industrial Ed. Workshop  
(Organizing & Managing IA Student Assoc.)  
MTWRF  
1930-2200 6/25-6/29  
50% WD: On first meeting day—Final WD: On second meeting day.  

IED 581 Ind Ed Workshop  
(Computers in I.E.)  
MT  
1930-2200 6/25-7/27  
50% WD: 7/3—Final WD: 7/9  

IED 562 IE Workshop  
(Plastic)  
MTWF  
0900-1700 7/30-8/10  
50% WD: 8/1—Final WD: 8/3  

IET 165 Industr Plastics  
MTWF  
0900-1700 7/30-8/10  
50% WD: 8/1—Final WD: 8/3  

BIO 443/BIO 597 Fresh Water Algae  
7/14-7/15  
Preliminary Meeting  
1800-2200 7/9  
Final Meeting  
1800-2100 7/16  

BIO 461/BIO 597 Ecol Coastal Plain  
8/3-8/5  
Preliminary Meeting  
1900-2200 7/23  

BIO 462/BIO 597 Ecol NJ Highlands  
6/15-6/17  
Preliminary Meeting  
1900-2200 6/11  
50% WD: On preliminary meeting date—Final WD: Friday of each appropriate weekend.
# Summer Courses

## McGuire A.F.B. and Fort Dix

**SUMMER COURSES** June 11-August 6

### Monday & Wednesday 5:00-7:30 p.m.

<table>
<thead>
<tr>
<th>Class # Course #</th>
<th>Course Title</th>
<th>Credits</th>
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<tr>
<td>7000 AOM 312</td>
<td>Office Management</td>
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<tr>
<td>7008 ELM 413</td>
<td>Principles &amp; Practices of Elem. Ed. (10 Class Meetings)</td>
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<tr>
<td>7010 ENG 107</td>
<td>Composition I</td>
<td>3</td>
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<tr>
<td>7024 PSY 333</td>
<td>Mental Health</td>
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### Monday & Wednesday 7:40-10:10 p.m.

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<tr>
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<th>Course Title</th>
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<td>7002 ART 101</td>
<td>Foundations of Art</td>
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<td>7006 CTH 100</td>
<td>Speech I: Fundamentals of Public Speaking</td>
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<tr>
<td>7020 MKT 347</td>
<td>Analysis of Consumer Behavior</td>
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<tr>
<td>7022 PSY 101</td>
<td>Introduction to Psychology I</td>
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### Tuesday & Thursday 5:00-7:30 p.m.

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<td>7014 MAT 115</td>
<td>Statistics I</td>
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<td>7016 MGT 338</td>
<td>Labor Management Relations</td>
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<tr>
<td>7026 SOC 205</td>
<td>Contemporary Social Issues</td>
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### Tuesday & Thursday 7:40-10:10 p.m.

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<th>Course Title</th>
<th>Credits</th>
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<tbody>
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<td>7004 CRJ 320</td>
<td>Probation &amp; Parole</td>
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<td>7012 HIS 115</td>
<td>U.S. History: Early</td>
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<tr>
<td>7018 MGT 452</td>
<td>Production Management</td>
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### Registration

- **Mail Registration**
  - May 1-May 31
  - Submit Registration Forms to:
    - Division of Continuing and Adult Education
    - Trenton State College
    - Hillwood Lakes CN 550
    - Trenton, NJ 08625

- **In-Person Registration**
  - Thursday May 31
  - Education Office, McGuire A.F.B.,
    - 5:00-8:00 p.m.

- **Late Registration**
  - June 11 & 12
  - Monday & Tuesday, 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.
GRADUATE STUDY IN MALLORCA

TRENTON STATE COLLEGE
In cooperation with
The American School of Mallorca
Graduate Study
4th ANNUAL PROGRAM
Summer 1984

PURPOSE
In 1981, Trenton State College established a summer overseas site at the American School of Mallorca to provide graduate courses and in-service training which may be counted toward a master's degree in certain fields or additional certification. Among the possible opportunities are:
1. Master's degree in education;
2. Certification as a supervisor, principal, or superintendent;
3. Certification as a teacher in elementary or secondary school reading, or English as a Second Language.

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 TIME
Session I (6 s.h.)
June 25-July 20, 1984
Session II (3 s.h.)
July 23-August 3, 1984
Classes are held from 8:00-12:15 in the mornings.
SESSION I: June 25-July 20, 1984

OPTION A: ADMINISTRATION (6 s.h.)
SEC 525 Introduction to Educational Administration (9029) AND
ELM 553 Administration of Modern Elementary School (9011)
OR
SEC 526 Administration of Modern Secondary School (9033)

OPTION B: CURRICULUM (6 s.h.)
SEC 514 Curriculum Theory and Practice (9022) AND
ELM 555 Advanced Study in Elementary Curriculum (9013)
OR
SEC 530 Secondary School Curriculum (9035)

OPTION C: SUPERVISION (6 s.h.)
SEC 520 Staff Supervision (9025) AND
ELM 550 Supervision in Elementary Education (9009)
OR
SEC 522 Supervision in Secondary Education (9024)

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

OPTION E: COMPUTERS (6 s.h.)
ELM 562 Computer Applications in Education (9015) AND
ELM 564 Computer Assisted Instruction/Management (9019)

OPTION F: FOUNDATIONS (6 s.h.)
EDF 600 Introduction to Research (9007) AND
EDF 514 Education in Developing Nations (9001)

SESSION II: July 23-August 3, 1984

OPTION G: ADMINISTRATION (3 s.h.)
SEC 525 Introduction to Educational Administration (9031)

OPTION H: CURRICULUM (3 s.h.)
SEC 514 Curriculum Theory and Practice (9023)

OPTION I: SUPERVISION (3 s.h.)
SEC 520 Staff Supervision (9027)

OPTION J: ENGLISH AS A SECOND LANGUAGE (3 s.h.)
ENG 507 Applied English Linguistics (9021)

OPTION K: COMPUTERS (3 s.h.)
ELM 562 Computer Applications in Education (9017)

OPTION L: GUIDANCE (3 s.h.)
SPG 502 Introduction to Guidance and Student Personnel Services (9037)
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, June 25-July 20, 1984, 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, July 23-August 3, 1984. Those students wishing to complete only three semester hours of study would register just for Session II, July 23-August 3, 1984.

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) 771-2252

GRADUATE CREDIT

Prospective students desiring to receive graduate credit must be admitted as graduate students to the college. Upon receipt of the deposit for Summer 1984, 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. At present a student must spend at least one summer on campus at Trenton State College in New Jersey to complete all requirements for the awarding of the master’s degree. Students desiring certification only, need not meet this requirement.
Humanities Camp
1984

July 9-July 27, 1984

A program of interdisciplinary studies for high-ability students—Grades 7-11

For further information contact:

The Division of Continuing and Adult Education
Humanities Camp
Trenton State College
Hillwood Lakes, CN 550
Trenton, New Jersey 08625
Telephone: (609) 771-2255
FILM FESTIVAL

Appearing:
Thursday Evenings, 8:00
June 25-July 27, 1984

Produced by:
The Division of Continuing
and Adult Education

Directed by:
Mr. Barry Novick

WATCH COLLEGE BULLETIN BOARDS
FOR DETAILS!

General admission: $3.00
T.S.C. Student/Staff: $ .50
(with valid T.S.C. I.D.) T.S.C. Student/Staff Guest: $ .50
(4 additional person maximum; must be accompanied by T.S.C.
student/staff member with valid I.D.)
Science camp
1984
July 9-20/July 23-Aug. 3

A program for high ability students—grades 7-11

For further information contact:
Division of Continuing and Adult Education
Trenton State College
Hillwood Lakes CN 550
Trenton, New Jersey 08625
Telephone: (609) 771-2255
THE PUBLIC IS CORDIALLY INVITED TO

The Governor's School Festival

JULY 28, 1984

WHICH IS THE CLIMAX OF THE FIRST STATE OF NEW JERSEY GOVERNOR'S SCHOOL IN THE ARTS

At this time, student artists will exhibit their work for the enjoyment of the public.

For additional information, contact:

Mr. Glenn Rodman
Division of Continuing & Adult Education, Trenton State College, Hillwood Lakes, CN 550, Trenton, New Jersey 08625
(609) 771-3114
Only seven hours away by jet lies Africa - a continent filled with age-old mystique, beauty, excitement, and history.

Dates:
Saturday, August 11, 1984
Saturday, August 18, 1984

Departure/Arrival:
John F. Kennedy Airport, New York City, New York
Depart: 8:00 pm, August 11
Return: 8:00 am, August 18

For Further Information:
write to:
The Division of Continuing and Adult Education - Senegal
Trenton State College
Hillwood Lakes CN 550
Trenton, New Jersey 08625
or call:
(609) 771-2255
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 then 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. 571W). 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 .7 miles on Rt. I-295/95 and follow from * above.
Map of the Campus

Trenton State College

FACILITIES

1. ALLEN HOUSE
2. ARMSTRONG HALL
3. BLISS HALL
4. BOWLS HALL
5. BOOTH
6. BOWES HALL
7. CENTENNIAL HALL
8. CHAPEL
9. CROMWELL HALL
10. DECKER HALL
11. FOLICA HALL
12. ELY HALL
13. GREEN HALL
14. HUB
15. INFORMATION HALL
16. KENDALL HALL
17. MAINTENANCE BUILDING
18. MAURER HALL
19. MCCAULEY HOUSE
20. MASTERS HALL
21. MATHILDA HALL
22. NORTHERN TOWER
23. NORTHWEST HALL
24. NORTHEAST HALL
25. SOUTH PART HALL
26. SOUTH وا HALL
27. SOUTH POINT HALL
28. PACKER HALL
29. PHELPS HALL
30. POWER HOUSE
31. STUDENT PARKING AREA
32. TENNIS COURTS
33. TEMPORARY BUILDING
34. TRAVERS-WOLFE SERVICE LINK
35. WEST LIBRARY
36. WOLFE TOWER
37. NURSING BUILDING
38. RESTRICTED PARKING

Route 31 (Pennington Rd.)

Please see other side for directions to the campus.
# FEES

## TABLE OF UNDERGRADUATE TUITION AND FEES*

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<tr>
<th>Total Credits Registered for Summer '84</th>
<th>In-State Residents Pay Tuition and Fee Total of</th>
<th>Out-of-State Residents Pay Tuition and Fee Total of</th>
<th>These Fees are Included in the totals at left:</th>
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*Tuition and Fees are subject to change by action of New Jersey State Legislature.

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