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 52 February 1983 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. 73).
3. Check admission and registration requirements (See p. 33 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.-Thurs. 8:30 a.m. to 8:30 p.m.
      Fri. 8:30 a.m. to 4:30 p.m.

(For in-person registration dates and times, see p. 5).

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

Trenton State College promises that all guaranteed credit courses will be offered.

Please Note: Non-Guaranteed courses are cross-listed in the Guaranteed course listing for easy reference.
# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Academic Advisement</th>
<th>62</th>
</tr>
</thead>
<tbody>
<tr>
<td>Admission Requirements</td>
<td>5</td>
</tr>
<tr>
<td>&amp; Procedures</td>
<td>34</td>
</tr>
<tr>
<td>Graduate</td>
<td>5</td>
</tr>
<tr>
<td>Undergraduate</td>
<td>62</td>
</tr>
<tr>
<td>Attendance Policy</td>
<td>6</td>
</tr>
<tr>
<td>Auditing Policy</td>
<td>6</td>
</tr>
<tr>
<td>Building Designation Code</td>
<td>74</td>
</tr>
<tr>
<td>Change of Schedule</td>
<td>66</td>
</tr>
<tr>
<td>College Store</td>
<td>71</td>
</tr>
<tr>
<td>Cooperative Education</td>
<td>6</td>
</tr>
<tr>
<td>Course Descriptions, Times, and Places</td>
<td></td>
</tr>
<tr>
<td>Graduate</td>
<td>36</td>
</tr>
<tr>
<td>Undergraduate</td>
<td>9</td>
</tr>
<tr>
<td>Course Numbering</td>
<td>64</td>
</tr>
<tr>
<td>Credit Load</td>
<td>64</td>
</tr>
<tr>
<td>Day/Hour Schedule</td>
<td>73</td>
</tr>
<tr>
<td>Degree Programs</td>
<td></td>
</tr>
<tr>
<td>Graduate</td>
<td>62</td>
</tr>
<tr>
<td>Undergraduate</td>
<td>61</td>
</tr>
<tr>
<td>Directions to the College</td>
<td>86</td>
</tr>
<tr>
<td>Directory of Phone Numbers</td>
<td>3</td>
</tr>
<tr>
<td>Disabled Students</td>
<td>68</td>
</tr>
<tr>
<td>Fees</td>
<td>88</td>
</tr>
<tr>
<td>Food Services</td>
<td>70</td>
</tr>
<tr>
<td>Foreign Students</td>
<td>68</td>
</tr>
<tr>
<td>Grading</td>
<td>64</td>
</tr>
<tr>
<td>Graduating Students in Summer 1983</td>
<td>65</td>
</tr>
<tr>
<td>Handicapped Students</td>
<td>68</td>
</tr>
<tr>
<td>Health Services</td>
<td>68</td>
</tr>
<tr>
<td>Housing</td>
<td>69</td>
</tr>
<tr>
<td>Library</td>
<td>71</td>
</tr>
<tr>
<td>Map of Campus</td>
<td>87</td>
</tr>
<tr>
<td>Parking</td>
<td>68</td>
</tr>
<tr>
<td>Recreation</td>
<td>71</td>
</tr>
<tr>
<td>Refunds and Withdrawals</td>
<td>66</td>
</tr>
<tr>
<td>Registration</td>
<td>2</td>
</tr>
<tr>
<td>Dates</td>
<td>5</td>
</tr>
<tr>
<td>Graduate</td>
<td>33</td>
</tr>
<tr>
<td>Undergraduate</td>
<td>5</td>
</tr>
<tr>
<td>Procedures</td>
<td>2</td>
</tr>
<tr>
<td>Graduate</td>
<td>32</td>
</tr>
<tr>
<td>Undergraduate</td>
<td>5</td>
</tr>
<tr>
<td>Forms</td>
<td>89</td>
</tr>
<tr>
<td>Special Programs (Please note: Guarantee does not apply)</td>
<td>45</td>
</tr>
<tr>
<td>Special Services</td>
<td>67</td>
</tr>
<tr>
<td>Student Center</td>
<td>69</td>
</tr>
<tr>
<td>Textbook Store</td>
<td>71</td>
</tr>
<tr>
<td>Transcripts</td>
<td>65</td>
</tr>
<tr>
<td>Tuition and Fees</td>
<td>88</td>
</tr>
<tr>
<td>Veterans</td>
<td>68</td>
</tr>
<tr>
<td>Withdrawals and Refunds</td>
<td>66</td>
</tr>
<tr>
<td>Women's Center</td>
<td>69</td>
</tr>
</tbody>
</table>

## QUESTIONS?

Call:

- Admission: 771-2131
- Advisement: 771-2647
- Bookstore, Textbook: 771-8267
- Bursar (Tuition): 771-2172
- Certification for Teaching: 771-2647
- Childcare: 771-3055
- College Store: 771-0163
- Continuing Ed.: 771-2255
- Co op. Ed.: 771-2161
- Dean of Students: 771-2201
- Disabled Students: 771-2571
- Graduate Study: 771-2111
- Health: 771-2484
- Housing: 771-2301
- Library: 771-2311
- Police, Campus: 771-2171
- Recreation Center: 771-2190
- Registrar: 771-2141
- Student Center: 771-2331
- Student Teaching: 771-2408
- Summer Session: 771-2255
- Transcripts: 771-2143
- Vehicle Registration: 771-2461
- Veterans: 771-2571
- Office for Women: 771-2201
- Women's Center: 771-2120

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 1983;
4. high school graduates; and
5. holders of high school equivalency certificates.

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

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

UNDERGRADUATE ADMISSION PROCEDURES

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

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

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

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

UNDERGRADUATE REGISTRATION PROCEDURES

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

TO REGISTER BY MAIL Between April 18 and May 20. Please note: Mail registration cannot be accepted beyond the postmark date of May 20.

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

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

TO REGISTER IN PERSON Between May 23 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 or money order (payable to Trenton State College) to:
   Division of Continuing and Adult Education
   Room 10—Green Hall
   Trenton State College

Between the hours of 8:30-3:00 (Monday-Wednesday) and 12:30-8:30 (Thursday).

UNDERGRADUATE REGISTRATION

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 18-May 20

Please note: Mail registration cannot be accepted beyond the postmark date of May 20.

IN-PERSON REGISTRATION BEGINS

May 23

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

For classes beginning on June 6
   May 23-June 2
   June 2

For classes beginning on June 20
   May 23-June 16
   June 20, 21, 22

For classes beginning on June 27
   May 23-June 23
   June 27, 28

For classes beginning on August 1
   May 23-July 28
   August 1

Late registration ($15 late registration fee)

Final day for registering for Independent Study is June 27.

SUMMER CO-OCCUPORTUNITY

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

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

Who is eligible to co-op?
To be eligible for a co-op job, a Trenton State student should:
• have completed two semesters of course work before a co-op job starts (at least 24-32 credits, including credits transferred from another college);
• be matriculated at Trenton State College as an undergraduate;
• Have a minimum 2.0 G.P.A. and be in good academic standing.

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

385/Cooperative Education
Introductory experience in cooperative education. Job is likely to be an entry-level position of employment. Taken only with permission of faculty coordinator. Taken from general electives. This level may be taken for a total of six semester hours.

399/Cooperative Education
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
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.
African-American Studies

AAS 106/African-American History 3 cr.
After 1865
(3 class hours)
A survey of the history of Black Americans from 1865 to the present in the struggle for equality and justice. Fulfills distribution requirements in Group B.
6/21-7/28 TR 1700-2030
HH107 Instructor: Chukumba
Class #5001

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

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

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

AAS 499/Independent Study in African-American Studies
Research and/or work experience in Black community under the supervision of faculty member in department of African-American studies.
Hours: TBA
Class # AAS 499A 5003 1 cr.
Class # AAS 499B 5005 2 cr.
Class # AAS 499C 5007 3 cr.
Class # AAS 499D 5009 4 cr.
Class # AAS 499E 5011 5 cr.
Class # AAS 499F 5013 6 cr.
Coordinator: Dickinson

Art

ART 101/Foundations of Art 3 cr.
(75 minutes lecture, 100 minutes studio)
Personal and social meanings of art and their expression through technique, composition and subject. Art processes, principles of design and interpretations of symbols of art investigated through illustrated lectures, alternating with studio work in a variety of materials.
6/27-7/28 MTR 0800-1040
HH374 Instructor: Rigby
Class #5015
6/27-7/28 MTR 1045-1325
HH374 Instructor: Rigby
Class #5017

ART 105/Introduction to Art History 3 cr.
(3 class hours)
A survey of the history of Western art. Serves as a framework for all other art history offerings and makes the student aware of the sequence of cultural periods.
6/27-7/28 MTR 1340-1620
HH264 Instructor: Lehman
Class #5019

ART 111/Drawing 2 cr.
(1 class hour and 3 studio hours)
Prerequisite: A previous studio course in art.
Drawing from observation, memory and invention; study of natural forms, light, perspective, color, gesture, grouping. Experience with the quick, indicative sketch and the definitive study of structures.
6/27-7/28 MTR 0800-1040
HH446 Instructor: Cameron
Class #5021

ART 201/Printmaking 2 cr.
(1 class hour and 3 studio hours)
Prerequisite: A previous studio course in art.
Printmaking through print production, making of etchings, aquatints, engravings, dry point etchings and collage prints. Emphasis on exploring experimental contemporary developments of these techniques.
6/27-7/28 MTR 1645-1925
HH434 Instructor: Brooks
Class #5023

ART 211/Painting 2 cr.
(1 class hour and 3 studio hours)
Prerequisite: A previous studio course in art.
An introduction to the concepts and techniques of painting through the exploration of major style. Emphasis on establishing a foundation for the development of a personal visual language.
6/27-7/28 MTR 1045-1325
HH446 Instructor: Goldstein
Class #5025

ART 302/Advanced Printmaking 3 cr.
(1 class hour, 3 studio hours, 2 hours by arrangement)
Prerequisite: ART 201 or permission of instructor.
During alternate semesters, specialization in one printmaking media: lithography, silkscreen, intaglio printing, relief printing, colligraphy, etc. Emphasis on exploring an experimental contemporary application of these techniques. May be repeated.
6/27-7/28 MTR 1645-1925
HH434 Instructor: Brooks
Class #5027
ART 311/Advanced Drawing 3 cr.
(1 class hour, 3 studio hours, 2 hours by arrangement)

Prerequisite: ART 111 or permission of instructor.
Continuation of ART 111 with more advanced work; drawing as a means of personal expression. Intensified perception of the physical environment and the figure leading towards imaginative and inventive visual statements. May be repeated.
6/27-7/28 MTR 0800-1040 HH446 Instructor: Cameron
Class #5029

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

Prerequisite: ART 211 or permission of instructor.
Continuation of ART 211, with advanced original work investigating the sources of inspiration that artists use to conceptualize a painting. Emphasis will be placed on the development of individual, technical and stylistic directions.
6/27-7/28 MTR 1045-1325 HH446
Instructor: Goldstein
Class #5031

ART 340/Primitive Art 3 cr.
(See Special Courses, pg.45)

ART 385/Cooperative Education in Art I 3,6 cr.
ART 399/Cooperative Education in Art II 3,6 cr.
ART 480/Cooperative Education in Art III 3,6 cr.
(See COOPERATIVE EDUCATION pg. 6 for description.)

ART 499/Independent Study variable cr.

Prerequisites: Enrollment in the upper division of 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 advisor and/or committee. Opportunity to develop personal interests and strength within the major field. May be repeated.

Hrs: TBA

Class # ART 499A  5035  1 cr.
Class # ART 499B  5037  2 cr.
Class # ART 499C  5039  3 cr.
Class # ART 499D  5041  4 cr.
Class # ART 499E  5043  5 cr.
Class # ART 499F  5045  6 cr.
Coordinator: Goldstein

Astronomy (Physics Department)

AST 161/Descriptive Astronomy 3 cr.
(3 class hours)
Study of celestial bodies. Topics: earth and its motions, celestial sphere, moon, sun, planets, comets, meteors, stars, galaxies, cosmology, time, calendar. Evening observations with telescopes and planetarium demonstrations included.
6/27-7/28 MTR 0800-1040
CH114
Class #5047
6/27-7/28 MTR 1935-2215
CH114
Class #5049

Biology

BIO 181-182/Principles of Biology I and II 3,3 cr.
(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.

Principles of Biology I
6/13-7/7 MTWR 1730-2030
LECT-NU111
LAB-CH201
Instructor: Shevlin
Class #5055

Principles of Biology II
7/11-8/4 MTWR 1730-2030
LECT-NU111
LAB-CH201
Class #5057

BIO 183-184/General Biology I and II 4,4 cr.
(3 class hours and 3 laboratory hours)

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

General Biology I
6/13-7/7 MTWR 0830-1330
LECT-NU111
LAB-CH217
Instructor: Shevlin
Class #5059

General Biology II
7/11-8/4 MTWR 0830-1250
LECT-NU111
LAB-CH217
Class #5061
BIO 443/Introduction to Freshwater 1 cr.
Algae
(25 laboratory hours)
Prerequisite: BIO 183-184 or BIO 181-182
or permission of instructor.
A field and laboratory course (no lecture).
Sampling of freshwater algae; flora of lakes,
ponds, rivers and streams in the vicinity of
the laboratory.
Preliminary Meeting:
    7/11 CH217 1900
    7/15-7/17 ALL DAY
Class #5067 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
saltmarsh environments.
Preliminary Meeting: 5/31
    CH215 1900
6/3-6/5 ALL DAY
Class #5069 Instructor: Heck

BIO 462/Ecology of New Jersey's Highlands
(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.
Preliminary Meeting: 6/14
    CH215 1900
6/17-6/19 ALL DAY
Class #5073 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
3,6 cr.
(See COOPERATIVE EDUCATION pg. 6
for description.)

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.
Hours: TBA
Class # BIO 499A 5113 1 cr.
Class # BIO 499B 5115 2 cr.
Class # BIO 499C 5117 3 cr.
Class # BIO 499D 5119 4 cr.
Class # BIO 499E 5121 5 cr.
Class # BIO 499F 5123 6 cr.
Coordinator: Klug

(For information about the Marine Sciences
Consortium, see Special Courses.)

Chemistry

CHM 201-202/General Chemistry I and II
4,4 cr.
(3 class hours and 3 laboratory hours each
semester)
Laws and theories of matter in its various
states. Atomic and molecular structure from
quantum and orbital interpretations. Kinetics
and equilibrium. Periodicity and properties.
Quantitative experiments coordinated with
lectures. A working knowledge of elementary
algebra is assumed.
General Chemistry I
6/13-7/7 MTWR 0800-1300
LECT-CH101 Instructor: Goodkin
LAB-CH319
Class #5175 MTWR 0900-1400
LECT-NU324 Instructor: Cohen
LAB-CH316
Class #5176

General Chemistry II
7/11-8/4 MTWR 0800-1300
LECT-CH101
LAB-CH316
Class #5178 MTWR 0900-1400
LECT-NU108 Instructor: Dumas
LAB-CH319
Class #5179

CHM 201-202/General Chemistry I and II
(EVENING SESSION See Special Courses
pg. 45)

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
biological applications.
6/6-6/17 MTWRF 1700-2100
NU108 Instructor: Dumas
Class #5183

CHM 351-352/Organic Chemistry I and II
5,5 cr.
(3 class hours and 4 laboratory hours each
semester)
Restriction: Required for chemistry ma­
jors.
Prerequisite: CHM 202
The fundamentals of organic chemistry
with emphasis on reaction mechanisms. Theory and descriptive material on aliphatic, alicyclic, aromatic and heterocyclic compounds.

**Organic Chemistry I**
6/6-7/8  
MTWRF 0900-1250  
LECT-NU323  
Instructor: Nechamkin  
LAB-CH339  
Class #5185

**Organic Chemistry II**
7/11-8/12  
MTWRF 0900-1250  
LECT-NU323  
Instructor: Nechamkin  
LAB-CH339  
Class #5187

**Chemical Instrumentation**  
(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.  
6/6-6/23  
LECT-CH139  
Instructor: Aagaard  
LAB-CH337  
Class #5169

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

**CHM 385/Cooperative Education in Chemistry I**  
3,6 cr.

**CHM 399/Cooperative Education in Chemistry II**  
3,6 cr.

**CHM 480/Cooperative Education in Chemistry III**  
3,6 cr.

**CHM 499/Independent Study in Chemistry**  
1 to 6 cr.

**CRJ 315/Contemporary Police Problems**  
(3 class hours)

Aspects of law, ethics, and custom affecting and determining relationships between police and policed. Police-minority group relations, police-juvenile relations, community relations programs, police personnel considerations, police contacts with citizens, and grievances of citizens.  
6/20-7/27  
MW 1700-2030  
BL228  
Instructor: Smith  
Class #5205

**CRJ 340/Terrorism**  
(See Special Courses, Pg. 45.)

**CRJ 435/Criminal Justice Research and Planning**  
(3 class hours)  
**Prerequisite:** CRJ 100

Principles of research and planning in criminal justice. Analysis of the various methods of data collection. Comparative analysis of manual and computer systems for the interpretation and evaluation of criminal justice data.  
6/27 -7/28  
MTR 0800-1040  
BL228  
Instructor: Fenwick  
Class #5209

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

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

**CRJ 480/Cooperative Education in Criminal Justice III**  
3,6 cr.

(See COOPERATIVE EDUCATION pg. 6 for description.)

**CRJ 491/Topics in Criminal Justice: Trial Advocacy**  
3 cr.

(See Special Courses, Pg. 45)

**CRJ 498/Seminar in Criminal Justice**  
3 cr.

A study of critical issues to assist in the integration of the component parts of the criminal justice system: moral dilemmas and choices faced by professionals and citizens concerning laws, law enforcement, legal systems, and corrections. (This course is open to non-majors.)  
8/1-8/12  
MTWRF 0800-1200  
BL228  
Instructor: Feinman  
Class #5213

**CRJ 499/Independent Study in Criminal Justice**  
1 to 6 cr.

**Prerequisites:** Criminal Justice major and permission of instructor.

For advanced students wishing to pursue a special area of interest in criminal justice. Students develop a proposal around a sophisticated research design, including problems definition, hypotheses, methodology.
etc. to complete a comprehensive study. Topic and research design developed in consultation with a faculty advisor.

Hours: TBA
Class # CRJ 499A 5215 1 cr.
Class # CRJ 499B 5217 2 cr.
Class # CRJ 499C 5219 3 cr.
Class # CRJ 499D 5221 4 cr.
Class # CRJ 499E 5223 5 cr.
Class # CRJ 499F 5225 6 cr.
Coordinator: Lengyel

Computer Science

CSC 108/Elements of Computing 3 cr. (3 class hours)
Liberal studies course. Capabilities and limitations of computers. A computer language will be studied and used to program problems in two or three specific areas of computer usage.
6/20-7/28 MTR 0800-1015 HH105 Instructor: Class #5226
6/20-7/28 MTR 1700-1915 HH105 Instructor: Class #5227

CSC 215/Introduction to Computer Science I 3 cr. (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.
6/20-7/28 MTR 1930-2145 HH105 Instructor: Class #5228
6/20-7/28 MTR 1030-1245 HH105 Instructor: Class #5229

CSC 499/Independent Study in Computer Science
Prerequisite: By invitation only
Student will study independently an appropriate area. A department member will be assigned to advise the student.
Hours: TBA
Class # CSC 499A 5231 1 cr.
Class # CSC 499B 5232 2 cr.
Class # CSC 499C 5233 3 cr.
Coordinator: Conjura

English

ENG 107/English I: Writing 3 cr. (3 class hours)
Understanding and practicing the relationships between reading and writing with emphasis on essays and expository prose.
6/20-7/28 MTR 1700-1915 HH304 Instructor: Ekizian
Class #5283

ENG 109/Intermediate Composition 3 cr. (3 class hours)
Prerequisite: English I
Study and practice of major forms of writing — exposition, argumentation, description and narration as well as guidance in and practice of writing a research paper.
6/27-7/28 MTR 0800-1010 HH304 Instructor: Brazell
Class #5285

ENG 120/Experiencing Literature 3 cr. (3 class hours)
Prerequisite: English I
An introduction to the various approaches and disciplines employed by professional literary critics and scholars to enhance their appreciation, understanding and evaluation of literary works.
6/27-7/28 MTR 1700-1915 HH304 Instructor: Thomas
Class #5287

ENG 215/Computer Applications in the Humanities, People and Computers 3 cr. (3 class hours)
Prerequisite: English I
An introduction to the computer for students in education and the humanities. Designed to familiarize them with the uses of the computer in such areas as computer-assisted instruction, humanities-oriented word processing and data management and artificial intelligence.
6/6-6/17 MTWR 0800-1600 HH304 Instructor: Beechhold
Class #5289

ENG 221/Introduction to Poetry 3 cr. (3 class hours)
Prerequisite: English I
Criticism and evaluation of poems based on imagery, music, and meaning; oral reading of poetry and listening to recordings. Emphasis on poetry as an art.
6/6-6/17 MTWR 0800-1600 HH304 Instructor: Mehlan
Class #5291

ENG 222/Short Story 3 cr. (3 class hours)
Prerequisite: English I
Critical examination of the short story as a type of literature. Study of stories by such authors as Melville, Poe, Joyce, Kafka, Hemingway, Faulkner, Roth, Updike, Hawthorne, Chekhov.
6/27-7/28 MTR 0800-1000 HH372 Instructor: Demeritt
Class #5293
6/27-7/28 HH372 Instructor: Demeritt
Class #5295

13
ENG 228/English Literature to the Restoration
(3 class hours)
Prerequisite: English I
Selected works of major English writers and their milieu, from the Anglo-Saxon Age to the Restoration period.
6/20-7/28 MTWR 0830-1010
HH316 Instructor: Erath
Class #5297

ENG 246/The Film
(3 class hours)
Prerequisite: English I
Background and development of the motion picture; film technique and aesthetics; film criticism.
6/27-7/28 MTR 0800-1040
HH315 Instructor: Novick
Class #5299
6/27-7/27 MW 1700-2110
HH315 Instructor: Novick
Class #5301

ENG 345/Studies in Literature
(3 class hours)
Topic: Romantic Love in American Fiction
Prerequisite: For all 300 or 400 level literature courses the prerequisite is one literature course, or junior standing, or written permission of the instructor.
Focuses on a different topic each semester; e.g., The Bible as Literature, Asian Literature, The Twenties, Dostoevsky, etc.
6/27-7/28 MTR 1045-1325
HH315 Instructor: Liddie
Class #5303

ENG 385/Cooperative Education in English I
3 cr.
ENG 399/Cooperative Education in English II
3 cr.
ENG 480/Cooperative Education in English III
3 cr.
(See COOPERATIVE EDUCATION pg. 6 for description.)

ENG 499/Independent Study
variable cr.
Prerequisite: Junior standing
Intensive study of a literary or linguistic problem chosen through consultation between student and instructor.
Hours: TBA
Class # ENG 499A 5305 1 cr.
Class # ENG 499B 5307 2 cr.
Class # ENG 499C 5309 3 cr.
Class # ENG 499D 5311 4 cr.
Class # ENG 499E 5313 5 cr.
Class # ENG 499F 5315 6 cr.
Coordinator: Levin

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Geography and Geology

GGR 101/Physical Environment
and Man
(3 class hours)
Nature and cultural environments and their interrelationship. Basic features of the earth. Use of literature of geography, atlases, maps, and other devices useful in locating and interpreting the character of places.
6/20-7/28 MTR 1030-1245
EB206 Instructor: Melvin
Class #5317

GOL 120/Introduction to Geology
(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.
6/20-7/28 MTR 0800-1015
EB206 Instructor: Hewitt
Class #5319

GGR 385/Cooperative Education in Geography I
3,6 cr.
GGR 399/Cooperative Education in Geography II
3,6 cr.
GGR 480/Cooperative Education in Geography III
(See COOPERATIVE EDUCATION pg. 6 for description.)

GGR 499/Independent Study
1-6 cr.
Prerequisite: Approval of the department
In-depth geographic study of a carefully defined area of interest selected by the student.
Hours: TBA
Class # GGR 499A 5321 1 cr.
Class # GGR 499B 5323 2 cr.
Class # GGR 499C 5325 3 cr.
Class # GGR 499D 5327 4 cr.
Class # GGR 499E 5329 5 cr.
Class # GGR 499F 5331 6 cr.
Coordinator: Melvin

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History

HIS 101/Western Civilization to 1648
(3 class hours)
Political, social, economic and intellectual developments underlying western civilization from its beginning to the dawn of the Enlightenment.
6/27-7/28 MTR 1340-1620
EB209 Instructor: Allen
Class #5357
Mathematical Sciences

MAT 101/Foundations of Mathematics I 3 cr.

MAT 120/Elementary Mathematical Analysis 3 cr.
(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.
6/20-7/28 MTWR 1025-1205
HH118
Instructor: Karras
Class #5457

MAT 211/Introduction to Quantitative Analysis I 3 cr.
(3 class hours)
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.
6/20-7/28 MTWR 1025-1205
HH120
Instructor: Karras
Class #5459

MAT 225-226/Differential and Integral Calculus I and II 3,3 cr.
(3 class hours each semester)

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.

**MAT 225**

6/20-7/28  MTWR 1715-1855
HH118  Instructor:  
Class #5461

**MAT 226**

6/20-7/28  MTWR 1250-1430
HH105  Instructor:  
Class #5463

**MAT 227/Calculus I**  3 cr.

(3 class hours)

Liberal studies course. A 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.

6/20-7/28  MTWR 0830-1010
HH118  Instructor:  
Class #5465

**MAT 395/Cooperative Education in Mathematics I**  3 cr.

**MAT 399/Cooperative Education in Mathematics II**  3 cr.

**MAT 480/Cooperative Education in Mathematics III**  3 cr.

(See COOPERATIVE EDUCATION pg. 6 for description.)

**MAT 495/Independent Study in Statistics**  3 cr.

Prerequisite: MAT 116 or permission of instructor.

The student will study independently a selected area of this discipline through the use of course books and journal articles coordinating this study under supervision of adviser.

Hours: TBA  
Class # MAT 495C 5471  
Coordinator: Conjura

**MAT 498/Independent Study in Mathematics**  3 cr.

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

Hours: TBA  
Class # MAT 498C 5483  
Coordinator: Conjura

**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.

6/27-7/28  MTR 1935-2110
BR125  Instructor:  
Class #5567

**MUS 160/Music Fundamentals**  3 cr.

(Non-music majors only)

Rhythm, melody and harmony in music. Basic knowledge of the keyboard. Musical skills acquired through singing, ear-training, music reading and creating original music.

6/27-7/28  MTR 1340-1520
BR125  Instructor:  
Class #5573

**MUS 250/Modern Musical Trends**  3 cr.

(3 class hours)

Survey of trends in European and American music of the late nineteenth and twentieth centuries. Includes study of Late Romantic, Impressionistic and contemporary compositional techniques with occasional popular musical trends when applicable.

6/27-7/28  MTR 1645-1920
BR125  Instructor:  
Class #5633

**MUS 385/Cooperative Education in Music I**  3 cr.

**MUS 399/Cooperative Education in Music II**  3 cr.

**MUS 481/Cooperative Education in Music III**  3 cr.

(See COOPERATIVE EDUCATION pg. 6 for description.)

**MUS 499/Independent Study**  1, 2, 3 cr.

Prerequisite: Permission of music chairperson

Study in-depth of a specific musical area selected through consultation between student and teacher.

Hours: TBA  
Class # MUS 499A 5683  1 cr.  
Class # MUS 499B 5685  2 cr.  
Class # MUS 499C 5687  3 cr.  
Coordinator: Rittenhouse

**Physics**

**PHY 201-202/General Physics I and II**  4,4 cr.

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

General Physics I
6/13-7/7
Lect.—CH111
Lab—CH334
Class #5737
MTWR 0800-1210
Instructor: Fink
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 pg. 6 for description.)
PHY 499/Independent Study variable cr.
in Physics
(hours individually arranged)
Prerequisite: Permission of instructor
Study independently 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
Class # PHY 499A 5745 1 cr.
Class # PHY 499B 5747 2 cr.
Class # PHY 499C 5749 3 cr.
Class # PHY 499D 5751 4 cr.
Class # PHY 499E 5753 5 cr.
Class # PHY 499F 5755 6 cr.
Coordinator: Fink

Political Science

POL 205/Introduction to Public Administration 3 cr.
(3 class hours)
Introduction to public administration including definition of the “administrative state,” structure and politics of the administrative state, and impact of administration on society.
6/27-7/27
MW 1800-2210
Instructor: Fair
Class #5757

POL 230/International Relations 3 cr.
Interstate political relations including major variables in contemporary world politics, models of international systems, nationalism and technology, foreign policy-making processes and modes of international interaction.
6/28-7/28
TR 1800-2210
Instructor: Cheng
Class #5759
POL 385/Cooperative Education 3,6 cr.
in Political Science I

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

POL 480/Cooperative Education 3,6 cr.
in Political Science III
(See COOPERATIVE EDUCATION pg. 6 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
Class # POL 398A 5761 1 cr.
Class # POL 398B 5763 2 cr.
Class # POL 398C 5765 3 cr.
Class # POL 398D 5767 4 cr.
Class # POL 398E 5769 5 cr.
Class # POL 398F 5771 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
Class # POL 497C 5773 3 cr.
Class # POL 497D 5775 4 cr.
Class # POL 497E 5777 5 cr.
Class # POL 497F 5779 6 cr.
Coordinator: Koch

Psychology

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

Introduction to Psychology I
6/20-7/28
EB409
Class #5781
MTWR 0830-1010
Instructor: Wachtler

6/27-7/28
EB410
Class #5783
MTWR 1030-1230
Instructor: Gorczynski

Introduction to Psychology II
6/27-7/28
EB410
Class #5785
MTWR 1245-1445
Instructor: Gorczynski

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.
6/27-7/28
MTWR 1030-1230
EB403
Instructor: Wang
Class #5787

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.
6/20-7/28
MTWR 1030-1245
EB407
Instructor: Ruddy
Class #5789

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.
6/27-7/28
MTWR 1030-1230
EB423
Instructor: Koch
Class #5791

PSY 310/Principles of Learning 3 cr.
(3 class hours)
Prerequisite: PSY 101 and PSY 102
Major learning principles and their applications.
6/20-7/28
MTWR 0830-1010
EB411
Instructor: Wren
Class #5793

PSY 315/Social Psychology 3 cr.
(3 class hours)
Prerequisite: PSY 101 and 3 additional s.h. of psychology
Individual behavior in social situations. Development and change of beliefs and attitudes. Specific topics: morale, prejudice, leadership, propaganda, dynamics of small groups.
6/20-7/28
MTWR 1025-1205
EB409
Instructor: Wachtler
Class #5795

PSY 316/Psychology of Personality 3 cr.
(3 class hours)
Prerequisite: PSY 101 and 3 additional s.h. of psychology
Contemporary approaches to the study of personality. Detailed treatment of various modern theories of personality. Major de-
terminants and dynamics of personality organization.
6/20-7/28  MTR 0800-1015
EB407  Instructor: Class #5797

PSY 331/Introduction to Abnormal  3 cr.
Psychology  
(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.
6/27-7/28  MTR 1340-1620
EB407  Instructor: Saxton
Class #5799

PSY 333/Mental Health  3 cr.
(3 class hours)
Prerequisite: 6 s.h. of psychology
Examination of problems solved in self-understanding and understanding of others. Discussion of personality and personal value systems. Elementary discussion of common behavior problems.
6/20-7/27  MW 1700-2030
EB407  Instructor: Hohmuth
Class #5801

PSY 385/Cooperative Education  3,6 cr.
in Psychology
PSY 399/Cooperative Education  3,6 cr.
in Psychology
PSY 480/Cooperative Education  3,6 cr.
in Psychology
(See COOPERATIVE EDUCATION pg. 6 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
Class # PSY 499A  5803  1 cr.
Class # PSY 499B  5805  2 cr.
Class # PSY 499C  5807  3 cr.
Class # PSY 499D  5809  4 cr.
Class # PSY 499E  5811  5 cr.
Class # PSY 499F  5813  6 cr.
Coordinator: Sarafino

Speech Communication and Theatre

SCT 100/Speech I: Fundamentals of Public Speaking  3 cr.
(3 class hours)
The techniques of public speaking. Attention given to speaker-listener relationships; management and choice of ideas; selection and organization of materials; use of language; non-verbal elements.
6/27-7/28  MTR 1340-1620
HH120  Instructor: Class #5853

SCT 102/Speech I: Persuasion  3 cr.
(See Special Courses, pg.45)

SCT 106/Introduction to Theatrical Forms  3 cr.
(3 class hours)
Examines theatrical concepts through selected forms, as read and/or performed; historical-social-cultural significance of theatrical forms as synthesis of art forms; related creative projects.
6/27-7/28  MTWR 1030-1230
KE212  Instructor: McCullough
Class #5857

SCT 172/Survey of Mass Communication  3 cr.
(See Special Courses, Pg.45)
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.
6/20-7/28  MTR 0800-1015
BL124  
Class #5885
6/20-7/28  MTR 1700-1915
BL124  
Class #5887

SOC 205/Contemporary Social Issues 3 cr.
(3 class hours)
Prerequisite: SOC 101
Causes of contemporary social issues and their interrelationships.
6/20-7/28  MTR 1030-1245
BL233  
Instructor: Anderson
Class #5889

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 pg. 6 for description.)

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 pg. 6 for description.)

SOC 402/Individual Research variable cr.
Prerequisite: SOC 101, 401, MAT 115 and permission of instructor
Continuation of SOC 401. Student chooses research topic and member of faculty to supervise. May be repeated for credit.
Hours: TBA
Class # SOC 402A 5891 1 cr.
Class # SOC 402B 5893 2 cr.
Class # SOC 402C 5895 3 cr.
Class # SOC 402D 5897 4 cr.
Class # SOC 402E 5899 5 cr.
Class # SOC 402F 5901 6 cr.
Coordinator: Anderson

SOC 450/Senior Honors 3 cr.
(3 class hours)
Prerequisite: Advanced standing in department of sociology-anthropology
Individual and seminar participation. Selected topics. May be repeated for credit.
Hours: TBA
Class # SOC 450A 5891 1 cr.
Class # SOC 450B 5893 2 cr.
Class # SOC 450C 5895 3 cr.
Class # SOC 450D 5897 4 cr.
Class # SOC 450E 5899 5 cr.
Class # SOC 450F 5901 6 cr.
Class # SOC 450G 5903 7 cr.
Coordinator: Anderson

Spanish

SPA 101-102/Spanish for Beginners I and II 3, 3 cr.
(3 class hours and 1 laboratory hour each semester)
An introduction to spoken and written Spanish, emphasizing the skills of reading comprehension and writing.
SPA 101 6/20-7/7
HH316  
Class #5905
MTWR 1715-2055
Instructor: Murphy
SPA 102 7/11-7/28
HH316  
Class #5907
MTWR 1715-2055
Instructor: Murphy
SPA 499/Independent Study variable cr. in Spanish  
**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

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**COORDINATE: Murphy**

**SCHOOL OF BUSINESS**

**Business**

The following business core courses, required for all business majors, are offered:

**BUS 260** Accounting Principles I  
(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 perspective.  
6/20-7/28  
MTR 1030-1245  
BL128  
Instructor: Robinson  
Class # 5125

**BUS 261** Accounting Principles II  
(3 class hours)  
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.  
7/4-7/28  
MTR 0800-1040  
BL128  
Instructor: Shiarappa  
Class # 5129

**BUS 260/Accounting Principles I**  
3 cr.  
(3 class hours)  
Basic course in financial accounting including study of the accounting cycle, classification and valuation of assets and periodic income measurement. Particular emphasis on the analysis of financial information from a user perspective.  
6/6-6/30  
MTWR 0800-1040  
BL128  
Instructor: Shiarappa  
Class # 5127

**BUS 261/Accounting Principles II**  
3 cr.  
(3 class hours)  
**Prerequisite:** BUS 260 or BUS 262  
Cost-volume-profit analysis cost systems, budgeting and performance evaluation for goal congruence, funds-flow statement, and statement analysis, designed for the future manager and decision-maker.  
7/4-7/28  
MTR 0800-1040  
BL128  
Instructor: Shiarappa  
Class # 5129

**BUS 310/Management Principles**  
3 cr.  
(3 class hours)  
**Prerequisite:** Junior standing  
The management functions of planning, organizing, controlling, and activating as applicable to organizations in the public and private sector  
6/20-7/28  
MTR 1700-1915  
BL128  
Instructor: Hofmann  
Class # 5131

**BUS 312/Office Management**  
3 cr.  
(3 class hours)  
Survey of managerial functions and supervisory control as they relate to the leadership function of the administrative office manager.  
6/20-7/28  
MTR 1700-1915  
BL129  
Instructor: Cherashore  
Class # 5133

**BUS 300/Information Processing with Basic**  
3 cr.  
(See Special Courses, pg. 45)

**BUS 313/Personnel Administration**  
3 cr.  
(3 class hours)  
Examination of personnel policies and practices. Emphasizes functional areas of personnel and the role of personnel management in the total organization.  
6/6-6/30  
MTWR 1045-1325  
BL128  
Instructor: Axe  
Class # 5135

**BUS 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.  
6/20-7/28  
MTR 1300-1515  
BL129  
Instructor: Robinson  
Class # 5137

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City University of New York  
School of 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.
6/27-7/28  MTR 1645-1925
BL125  Instructor: Class #5139

BUS 322/Introduction to Data Processing and Business Systems 3 cr.
(3 class hours)
Provides a basic knowledge and understanding of the concepts and principles used in business data processing and computer systems.
6/27-7/28  MTR 1935-2215
BL125  Instructor: Class #5141

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, cost of capital, short and long-term finance instruments and markets, financial analysis and control.
6/6-6/30  MTWR 0800-1040
BL129  Instructor: Patrick Class #5143

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.
6/20-7/28  MTR 1930-2145
BL129  Instructor: Class #5147

BUS 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.
(formerly numbered BUS 241)
7/4-7/28  MTWR 1045-1325
BL124  Instructor: Stern Class #5149

BUS 373/Cooperative Education in Business I 3 cr.

BUS 379/Cooperative Education in Business II 3 cr.
BUS 473/Cooperative Education in Business III 3 cr.
BUS 385/Cooperative Education in Business I 6 cr.
BUS 399/Cooperative Education in Business II 6 cr.
BUS 480/Cooperative Education in Business III (See COOPERATIVE EDUCATION pg. 6 for description.) 6 cr.
BUS 499/Independent Study 1-6 cr.
Prerequisite: Permission of instructor
An opportunity to engage in individual or small-group projects and studies not otherwise available in the curriculum; under the supervision of a faculty adviser. (Independent study activities may not be substituted for required courses in an individual's major program.)
BUS. ADMIN.
Hours: TBA
Class # BUS 499A 5151 1 cr.
Class # BUS 499B 5153 2 cr.
Class # BUS 499C 5155 3 cr.
Class # BUS 499D 5157 4 cr.
Class # BUS 499E 5159 5 cr.
Class # BUS 499F 5161 6 cr.
Coordinator: Duffy

ECO 201/Principles of Economics: Macro 3 cr.
(3 class hours)
Macroeconomics: an introduction to economic concepts and their application to problems of unemployment, inflation and economic growth. Government fiscal and monetary policies are examined.
6/6-7/7  MTWR 1030-1230
BL229  Instructor: Class #5243

ECO 202/Principles of Economics: Micro 3 cr.
(3 class hours)
Microeconomics: an analysis of price determination in product and resource markets
under varying competitive conditions.
7/11-8/11 MTWR 1030-1230
BL229 Instructor:
Class #5245

ECO 385/Cooperative Education 3,6 cr.
in Economics I

ECO 399/Cooperative Education 3,6 cr.
in Economics II

ECO 480/Cooperative Education 3,6 cr.
in Economics III
(See COOPERATIVE EDUCATION pg. 6 for description.)

ECO 499/Independent Study (Var. Credit)

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. 00 for description.)

EET 489/Senior Project 2,2 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
Class #5377
Coordinator: Katz

EET 497/Independent Study 1-6 cr.
in EET
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
Class # EET 497A 5379 1 cr.
Class # EET 497B 5381 2 cr.
Class # EET 497C 5383 3 cr.
Class # EET 497D 5385 4 cr.

Co ordinator: Katz

Industrial Education

IED 370/Cooperative Education 3,6 cr.
in Industrial Education

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

IED 391/Foundations of Practical Arts and Vocational Education 3 cr.
(3 class hours)

Philosophical and psychological basis of practical arts and vocational education in contemporary American life; historical roots, present values, objectives and contributions. Industrial education curriculum reviews, their relationship to one another and role in American education. Field trips may be required at student expense.

6/27-7/28 MTWR 1700-1900 AR73 Instructor: Alexander
Class #5391

IED 393/Content and Methods in Practical Art and Vocational Education 3 cr.
(3 class hours)
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.

Class # EET 497E 5387 5 cr.
Class # EET 497F 5389 6 cr.
in practical arts and vocational education.
6/27-7/28 MTWR 1915-2115
AR73 Instructor: Alexander
Class #5393

IED 466/Workshop in IED: Seminar 1 cr.
in V.I.C.A. Leadership & Entrepreneurship
(See Special Courses, p. 45)

IED 466/Workshop in IED: Seminar 1 cr.
in Teaching Vocational Special Needs Learners
(See Special Courses, p. 45)

IED 497/Independent Study in IED 1-6 cr.
Prerequisite: Permission of instructor and Dean of SIEET
For advanced students wishing to pursue a special area of interest in industrial education or technology. Topic developed in consultation with a faculty adviser.
Hours: TBA
Class # IED 497A 5397 1 cr.
Class # IED 497B 5399 2 cr.
Class # IED 497C 5401 3 cr.
Class # IED 497D 5403 4 cr.
Class # IED 497E 5405 5 cr.
Class # IED 497F 5407 6 cr.
Coordinator: Krupp

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. Free hand drawing, orthographic projection and basic descriptive geometry, axonometric drawings, developments and intersections. Basic dimensioning and reproduction of working drawings.
6/20-7/28 MTR 1800-2210
AR47 Instructor: Laws
Class #5408

IET 171/General Industrial Arts 3 cr.
(2 class hours and 3 laboratory hours)
Not open to industrial education majors.
Liberal Studies course. Demonstrations, discussions, and practical application of common tools and materials. Development of appreciation for and understanding of industrial technology through activities using woods, metals, photography, plastics and other materials by planning and making useful products.
6/20-7/28
MTWR 1930-2210
AR36 Instructor: Weber
Class #5409

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.
6/20-7/28 MTR 1800-2210
AR3 Instructor: Edelbach
Class #5410

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.
6/20-7/28 MTR 1800-2210
AR3 Instructor: Edelbach
Class #5411

IET 316/Structural Drafting 3 cr.
(2 class hours and 3 laboratory hours)
Prerequisite: IET 111
Strength of materials used in construction. Force diagrams and their application to structure supporting loads. Study of column, girder, lintel and truss design, and construction. Design, construction, test of model structures. Industrial testing facilities. Field trips may be required at student expense.
6/20-7/28 MTR 1800-2210
AR47 Instructor: Laws
Class #5412

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 pg. 6 for description.)

IET 466/Workshop in I.E.T. 1-3 cr.
(Mohican Work Week)
(See Special Courses, pg. 45)

IET 466/Workshop in Industrial Engineering Technology
Topic: Microcomputers
(See Special Courses, pg. 45)

IET 489/Senior Project 2,2 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
Class #5417 Coordinator: Flynn
IET 497/Independent Study in IET  1-6 cr.

Prerequisite: Permission of instructor and dean of SIET

For advanced students wishing to pursue a special area of interest. Topic developed in consultation with a faculty adviser.

Hours: TBA

Class # IET 497A  5419  1 cr.
Class # IET 497B  5421  2 cr.
Class # IET 497C  5423  3 cr.
Class # IET 497D  5425  4 cr.
Class # IET 497E  5427  5 cr.
Class # IET 497F  5429  6 cr.

Coordinator: Flynn

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 pg. 6 for description.)

MET 383/Production and Inventory  3 cr.

Control

(3 class hours)

Prerequisite: IET 281, MAT 215

Production planning, inventory, control systems, forecasting, capacity planning, materials requirements planning and computer applications in production and inventory control.

6/27-7/28  MTR 1935-2215

AR74  Instructor: Flynn

Class # 5431

MET 489/Senior Project  2,2 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 # 5433

MET 497/Independent Study  1-6 cr. in MET

Prerequisites: Permission of instructor and dean of SIET

For advanced students wishing to pursue a special area of interest. Topic developed in consultation with a faculty adviser.

Hours: TBA

Class # MET 497A  5435  1 cr.
Class # MET 497B  5437  2 cr.
Class # MET 497C  5439  3 cr.
Class # MET 497D  5441  4 cr.
Class # MET 497E  5443  5 cr.
Class # MET 497F  5445  6 cr.

Coordinator: Shelley

SCHOOL OF EDUCATION

Early Childhood Education

ECE 204/Guiding the Learning  3 cr.

Experience of Young Children

(2 class hours and 2 laboratory hours)

Characteristics and needs of young children; significance of experience; role of the teacher; basic principles and practices in teaching young children; observation and participation in a nursery school or a day care center. Field trips may be required at student expense.

6/27-7/28  MTR 0800-1040

EB224  Instructor: Durkin

Class # 5235

ECE 385/Cooperative  3,6 cr.

Education in Early Childhood Education I

ECE 399/Cooperative  3,6 cr.

Education in Early Childhood Education II

ECE 480/Cooperative  3,6 cr.

Education in Early Childhood Education III

(See COOPERATIVE EDUCATION pg. 6 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

Class # ECE 498A  5237  1 cr.
Class # ECE 498B  5239  2 cr.
Class # ECE 498C  5241  3 cr.

Coordinator: Durkin
Educational Field Experiences

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

Part I. A series of pre-session orientation meetings held during the latter part of the spring semester.

Part II. A summer session consisting of daily lectures, class discussions, conferences, observation and limited participation in demonstration classes. Topics include aims, 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.

6/20-7/29 MTWR 0830-1300
EB201-202 Instructor: Farber
Class #5871

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.
6/27-7/28 MTR 1340-1620
Class #5259
Class #5260
EDF 400/The Teacher in School and Community 2 cr.
(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.
6/27-7/28 MTR 1045-1325
EB101
Class #5261

EDF 499/Independent Study in Educational Foundations variable cr.
Prerequisite: Permission of major department chairperson
Intensive study of a selected area chosen through consultation between student and instructor.
Hours: TBA
Class # EDF 499A 5263 1 cr.
Class # EDF 499B 5265 2 cr.
Class # EDF 499C 5267 3 cr.
Class # EDF 499D 5269 4 cr.
Class # EDF 499E 5271 5 cr.
Class # EDF 499F 5273 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.)
6/27-7/28 MTR 0800-1040
HH124
Instructor: Class #5274

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.
6/27-7/28 MTR 1045-1325
HH128
Instructor: Class #5275

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 pg. 6 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 con-
sulation between the student and a faculty adviser.

Hours: TBA
Class # ELM 498A 5277 1 cr.
Class # ELM 498B 5279 2 cr.
Class # ELM 498C 5281 3 cr.
Coordinator: Durkin

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.
6/27-7/28 MTR 0800-1015
NU321 Instructor: Chilakos
Class #5333
6/6-6/17 MTWR 1800-1930
PA103 Instructor: Mc Cormle
Class #5335

HED 356/Foundations of Sex 3 cr.
Education
(Two 75 min./sem.)
6/28-7/28 MTR 1645-1925
EB205 Instructor: Brown
Class #5337

HED 358/Perspectives on Aging 3 cr.
Death and Dying
(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.
6/27-7/28 MTR 0800-1040
EB208 Instructor: Herzstein
Class #5339

HED 390/Curriculum and Methods in 3 cr.
Health Education
(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.
6/27-7/28 MTR 1045-1325
EB208 Instructor: Fassbender
Class #5341
NOTE: NUR408/School Nursing is also being offered. (See School of Nursing pg. 31)

HED 453/Alcohol and Narcotics Workshop 3 cr.
(2 cr. per semester)
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.
6/20-7/14 MTWR 1700-1930
EB208 Instructor: Herzstein/Fassbender
Class #5343

HED 385/Cooperative Education in Health I 3 cr.

HED 399/Cooperative Education in Health II 3 cr.

HED 480/Cooperative Education in Health III 3 cr.
(See COOPERATIVE EDUCATION pg. 6 for description.)

HE D 499/Independent Study variable cr.
in Health
Prerequisite: Approval of topic by department for advanced students
In-depth study of a carefully defined area of health.
Hours: TBA
Class # HED 499A 5345 1 cr.
Class # HED 499B 5347 2 cr.
Class # HED 499C 5349 3 cr.
Class # HED 499D 5351 4 cr.
Class # HED 499E 5353 5 cr.
Class # HED 499F 5355 6 cr.
Coordinator: Wright

Media

Communication

Science

MCS 140/Introduction to Microcomputer Programs 3 cr.
(Formerly MCS 341)
A survey of microcomputer programs covering information on BASIC, LOGO, and PLOT. The student is introduced to original programming techniques and flow charts.
6/27-7/28 MTR 0800-1040
EB103 Instructor: Warner
Class #5485

MCS 240/Computer Literacy 3 cr.
(Formerly MCS 440)
Designed to help increase the student's level of computer literacy through discussing historical background, examining applications and the social impact of computer environments and developing problem-solving abilities of the student.
6/27-7/28 MTR 1045-1325
EB103 Instructor: Warner
Class #5487
MCS 271/Production of Instructional 3 cr.
Materials
(See Special Courses, pg.45)

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

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

MCS 480/Cooperative 3,6 cr.
Education in Media Communication
Science III
(See COOPERATIVE EDUCATION pg.6 for description.)

MCS 499/Independent 1-3 cr.
Study in Media Communication
.credit varies with assignment
Approval of department chairperson.
Intensive individual study under faculty supervision of a selected problem in media/communication field.
Hours: TBA
Class # MCS 499A 5491 1 cr.
Class # MCS 499B 5493 2 cr.
Class # MCS 499C 5495 3 cr.
Coordinator: Warner

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.
6/6-6/17 MTWRF 1530-1730
Gyms I & II
Instructor: Oshel
Class #5689

PED 153/Basketball 1 cr.
(Two 75 min/qtr.)
Development and utilization of basic skills and game strategies plus a study of the rules accompanied by introduction to applicable teaching techniques and methodologies.
6/6-6/17 MTWRF 1800-2000
Gyms I & II
Instructor: Oshel
Class #5691

PED 201/Aquatics I 1 cr.
(Two 50 min/sem.)
Prerequisite: Aquatics Screening Test
Mechanics of watermanship.
Kinesiological concepts applied to major strokes. Pool design and construction, maintenance, school programs and recreation. Surf and ocean lectures. Small craft experience.
6/6-6/17 MTWRF 1945-2200
Pool
Instructor: McCorkle
Class #5693

PED 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.
6/27-7/15 MTWRF 1000-1200
PA103
Instructor: Oshel
Class #5695

PED 203-204/Human Anatomy and 3,3 cr.
Physiology
(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.
NOTE: This course is not intended for nursing majors.

PED 203 6/6-6/23
PA101
Class #5697
Instructor: Schmid

PED 204 6/27-7/14
PA101
Class #5699
Instructor: Schmid

PED 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.
6/27-7/15 MTWRF 1230-1530
PA104 & Lot #8
Class #5701
Instructor: Oshel

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

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

PED 480/Cooperative 3,6 cr.
Education in Physical Education III
(See COOPERATIVE EDUCATION for description, p.6.)
PED 495/Teaching Health, Physical Education and Safety in Elementary Grades
(Two 100 min/qtr.)
Prerequisite: HED 150
Theory and practice of health, physical education and safety in the elementary school physical education program. Required of all elementary education majors.
6/27-7/28 MTR 08:30-10:10
East Gym Instructor: Brink Class #5707

PED 499/Independent Study variable cr. in Physical Education
Prerequisite: Approval of topic by department for advanced student; in-depth study of a carefully defined area of physical education.
Hours: TBA
Class #PED 499A 5709 1 cr.
Class #PED 499B 5711 2 cr.
Class #PED 499C 5713 3 cr.
Class #PED 499D 5715 4 cr.
Class #PED 499E 5717 5 cr.
Class #PED 499F 5719 6 cr.
Coordinator: Douglas

Reading
See also: Elementary Education; Early Childhood Education

RDG 323/Teaching Reading in the Elementary Grades
(3 class hours)
Prerequisite: ENG 210 (Required of student enrolled in Track OA).
Basic principles. Nature of reading programs for the elementary school. Methods and materials used in a sequential reading program.
6/27-7/28 MTR 10:45-13:25
EB320 Instructor: Class #5815

RDG 327/Teaching Reading in the Junior and Senior High School
(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.
6/27-7/28 MTR 10:45-13:25
EB319 Instructor: Class #5817

RDG 421/Diagnosis of Reading 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.
6/27-7/28 MTR 08:00-10:40
EB320 Class #5819
6/27-7/28 MTR 16:45-19:25
EB320 Class #5821

Recreation

REC 395/Fieldwork Experiences in Recreation
(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 #5823

REC 385/Cooperative Education in Recreation I

REC 399/Cooperative Education in Recreation II

REC 480/Cooperative Education in Recreation III
(See COOPERATIVE EDUCATION for description, p 6 )

REC 493/Internship in Recreation
(12 cr.
(TBA)
Prerequisite: Senior standing, major in recreation.
Full semester of internship during the senior year with approved professionals in selected recreation programs. Direct supervision by professional and college faculty supervisors. The student will assume line or staff level positions in the urban or inner-city setting. Research, observation, participation, organization and supervision of activities.
(P/U grading)
Hours: TBA
Coordinator: Curry Class #5825

REC 499/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
Coordinator: Curry
Hours: TBA
Class # REC 499A 5827 1 cr.
Class # REC 499B 5829  2 cr.
Class # REC 499C 5831  3 cr.
Class # REC 499D 5833  4 cr.
Class # REC 499E 5835  5 cr.
Class # REC 499F 5837  6 cr.
Coordinator: Curry

Special Education

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

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

SED 499/Independent Study  1-6 cr.
in Special Education
To encourage students to explore independently a specific topic under the supervision of a faculty member. Such a study could include a unique case study, exploration of a research topic, extensive reading in an area of interest, participation in department of inter-agency clinics, workshops, etc., or such other independent studies that would contribute to the professional growth of the student.

Hours: TBA
Class # SED 499A  5873  1 cr.
Class # SED 499B  5875  2 cr.
Class # SED 499C  5877  3 cr.
Class # SED 499D  5879  4 cr.
Class # SED 499E  5881  5 cr.
Class # SED 499F  5883  6 cr.
Coordinator: McRae

Speech Pathology and Audiology

SPP 311/Language and Speech Development  3 cr.
(3 class hours)
Prerequisite: SPP 305, 308
An interdisciplinary investigation of the nature of normal language and speech development.

SPP 318/Introduction to Measurement of Hearing  3 cr.
(3 class hours)
Prerequisite: SPP 308 or permission of instructor
Experience in the various methods of hearing testing. Types and causes of hearing impairment and role of audiometry in diagnosis.

6/27-7/28
EB205
Class #5921
Instructor: Keane

6/27-7/28
EB155
Class #5923
Instructor: Jenson

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

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

SPP 480/Cooperative Education  3,6 cr.
in Speech Pathology III
(See COOPERATIVE EDUCATION pg. 6 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
Class #5925
Coordinator: Hornyak

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
Class #5927
Coordinator: Hornyak

Nursing

NUR 408/School Nursing  3 cr.
Open to majors and non-majors.
Function and role of the nurse in the organization, administration and evaluation of health services to school age children and youth.

6/6-6/23
MTWR 1630 1930
NU323
Class #5688
Instructor: Keane

(Note: HED 390/Curriculum and Methods in Health Education is also being offered. See Health Education, pg. 28)
GRADUATE ADMISSION
REGISTRATION
INFORMATION

GRADUATE COURSE OFFERINGS
GRADUATE REGISTRATION

For those people already enrolled with the Graduate Division:

1. Complete forms A and C. Students enrolled in a degree program must have registration cards signed by graduate program adviser prior to registration; and appointment is recommended.* Non-Matriculated students should secure adviser’s signature via the Graduate Office.

2. Detach forms.

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

IN-PERSON REGISTRATION for those people not yet enrolled with the Graduate Division, will be held in the office of the Division of Continuing and Adult Education, Room 10, Green Hall, beginning on May 23 Monday through Wednesday 8:30-3:00 p.m. and Thursday 12:30-8:30 p.m.

Graduate students not enrolled with the Graduate Division

1. should follow graduate admission procedure, on the following pages,

2. contact the Graduate Office (609-771-2111) for an appointment to secure an adviser’s signature.

*After May 12, 1983 faculty advisers may not be available on a regular basis; however, students may secure advisement after this date from the Graduate Office if they are unable to reach their adviser.

GRADUATE REGISTRATION DEADLINES

READ CAREFULLY THE REGISTRATION DEADLINES BELOW

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

MAIL REGISTRATION
April 18-May 20

Please note: Mail registration cannot be accepted beyond the postmark date of May 20.

IN-PERSON REGISTRATION BEGINS
May 23

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

For classes beginning on June 6
   May 23-June 2
   June 6

For classes beginning on June 20
   May 23-June 16
   June 20, 21, 22

For classes beginning on June 27
   May 23-June 23
   June 27, 28

For classes beginning on August 1
   May 23-July 28
   August 1

In-person registration.
Late registration ($15 late registration fee)

Late registration ($15 late registration fee)

Late registration ($15 late registration fee)
GRADUATE ADMISSION PROCEDURES
REQUIREMENTS AND PROCEDURES FOR ADMISSION TO THE GRADUATE DIVISION

1. Students not intending to enroll in a degree program at Trenton State College Graduate Division must:
   a. possess a bachelor's degree from an accredited college or university in the United States, or proof of equivalent preparation at a foreign university;
   b. complete 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 9, 1983, 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 9, 1983.

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.

**SCHOOL OF ARTS & SCIENCES**

**Biology**

**BIO 515/Advanced Microscopical Techniques** 4 cr.
Theory and application of specialized methods and materials for the preparation of biological specimens. Various types of sectioning and microscopy are employed to visualize the specimen.
6/20-7/14 MTWR 0800-1300
CH139 Instructor: Vena/Eble
Class #8001

**BIO 593C/Introduction to Freshwater Algae** 1 cr.
(25 laboratory hours)
Prerequisite: BIO 183-184 or BIO 181-182 or permission of instructor.
A field and laboratory course (no lecture). Sampling of freshwater algae; flora of lakes, ponds, rivers and streams in the vicinity of the laboratory.
Preliminary Meeting: 7/11
CH217 1900
7/15-7/17 ALL DAY
Class #8003 Instructor: Shevlin

**BIO 593D/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.
Preliminary Meeting: 5/31
CH217 1900
6/3-6/ ALL DAY
Class #8005 Instructor: Heck

**BIO 593E/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.
Preliminary Meeting: 7/18
CH215 1900
7/29-7/31 ALL DAY
Class #8007 Instructor: Heck

**BIO 593F/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.
Preliminary Meeting: 6/14
CH215 1900
6/17-6/19 ALL DAY
Class #8009 Instructor: Heck

**BIO 697/Independent Study in Biology** 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

**BIO 698/Departmental Project in Science Education (Biological Science)** 3 cr.
A critical independent study of an aspect of science education of interest to the student that is explored under faculty guidance. Open only to matriculated graduate students with a concentration in biological sciences.
Hours: TBA

**BIO 699/Thesis/Creative Project in Science Education (Biological Science)** 6 cr.
An original research or creative study un-
under the guidance of a thesis committee approved by the graduate dean. Open only to matriculated students with a concentration in biological sciences.

Hours: TBA
Class #8019
Coordinator: Klug

Computer Science

CSC 520/Fundamentals of Computer Programming
A first course in computer programming for graduate students with a sophisticated mathematical background. An algorithmic computer programming language such as FORTRAN or PLI will be taught assuming no prior knowledge, and used to program computational solutions of mathematical problems.
6/20-7/28 MTR 1930-2145
HH118 Instructor: Klug
Class #8039

English

ENG 520/Women in Literature
Changing attitudes towards women in English literature. Do male authors really understand their female characters? Why do so many clever, attractive girls meet such a grim fate in Victorian novels? Are modern writers any less sexist?
6/27-7/78 MTR 0800-1040
HH311 Instructor: Brown
Class #8091

ENG 570/Studies in Literature
Topic: Romantic Love in American Fiction
Focuses on a different topic each semester, e.g. expatriate writers of the 1920's, critical approaches to several Shakespearean plays; feminist trends in contemporary literature.
6/27-7/28 MTR 1045-1325
HH372 Instructor: Liddie
Class #8093

ENG 597/Advanced Topics in English: Structure & Phonology
(See Special Courses, pg. 45)

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

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 #8103
Coordinator: Levin

ENG 699/Thesis/Creative Project 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 #8105
Coordinator: Levin

History

HIS 697/Independent Study in History
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 # HIS 697A 8119 1 cr.
Class # HIS 697B 8121 2 cr.
Class # HIS 697C 8123 3 cr.
Coordinator: Karras

HIS 698/Department Project in History
A critical independent study of an aspect of history of interest to the student that is explored under faculty guidance. Open only to matriculated students in the social studies program.

Hours: TBA
Class #8125
Coordinator: Karras

HIS 699/Thesis/Creative Project in History
Original research or creative study under the guidance of a thesis committee approved by the graduate dean. Open to matriculated students in the social studies program.

Hours: TBA
Class #8127
Coordinator: Karras

Mathematical Sciences

MAT 645/History of Mathematics I
(See Special Courses, Pg. 45)

Music

MUS 503/Skills of Score Preparation
Skills essential to conductors in the group rehearsal. Practice in preparation of scores
selected by the class includes sight singing, transcription, functional keyboard, thematic and form analysis, score designs, editing scores and ear perceptions.

6/27-7/28 MTR 1600-1830
BR126 Instructor: Eicher
Class #8209

MUS 576/Advanced Workshop in 1 cr.
Music Education: Brasses
This course focuses upon the procedures of teaching as they apply to specialized areas of music education. The Brass Workshop will emphasize the techniques of the marching band as they apply to brass instruments in particular.

6/27-7/28 MTR 1600-1700
BR124 Instructor: Silvester
Class #8211

MUS 593/Problems of the 2 cr.
Marching Band
A complete process for the development of marching band work which serves valid music education goals. Every phase covered including festivals and contests. Problems brought to class by those enrolled are discussed, practical workshop experiences are included. Development of football shows featured.

6/27-7/28 MTR 1400-1550
BR124 Instructor: Silvester
Class #8221

MUS 627/Seminar In Major 2 cr.
Choral Compositions
Prerequisites: MUS 503, MUS 602, MUS 664, MUS 670 or their equivalents
Focuses attention upon significant major choral compositions scored for chorus, soloists and orchestra. Pertinent research studied. Includes relevant score preparation, analysis and conducting.

6/27-7/28 MTR 1600-1800
BR120 Instructor: Harrison
Class #8225

MUS 662/Band Development II 2 cr.
Specialized concentrated study of the playing and teaching of four instruments students select. Developing a more complete tone, range, flexibility, technical speed and diagnosis of problems of intonation, slurring, tonguing and rhythm featured.

6/27-7/28 MTR 1200-1340
BR124 Instructor: Silvester
Class #8255

MUS 673/Seminar in Advanced 3 cr.
Interpretative Instrumental Conducting
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.

6/27-7/28 MTR 1400-1550
BR126 Instructor: Eicher
Class #8265

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

6/27-7/28 MTR 1340-1550
BR120 Instructor: Harrison
Class #8269

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
Class # MUS 697A 8271 1 cr.
Class # MUS 697B 8273 2 cr.
Class # MUS 697C 8275 3 cr.
Coordinator: Rittenhouse

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 # MUS 698C 8277 3 cr.
Coordinator: Rittenhouse

MUS 699/Thesis/Creative Project In 6 cr.
Music Education
(Open to M.A. and M.Ed. Candidates)
(3 class hours for each of two semesters)
An original research or creative study under the guidance of a thesis committee approved by the graduate dean.

Hours: TBA
Class # 8281
Coordinator: Rittenhouse

38
Physics

PHY 551/Techniques for Demonstrations and Laboratory Experiences in the Natural Sciences
Examination, presentation and evaluation of demonstrations and student laboratory activities. Research and discussion of issues, practical ideas and trends related to these activities. Emphasis in improvement of science laboratory instruction in terms of personal skills and curricular materials.
6/27-7/28
HH253
Instructor: Koch
Class #8305

PHY 697/Independent Study 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.

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.

PHY 699/Thesis/Creative 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.

Political Science

POL 510/City Politics and Public Policy
Prerequisite: 3 s.h. of American government

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

POL 698/Department Project in Political Science
Prerequisite: Permission of the department chairperson

POL 699/Thesis/Creative Project 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.

Psychology

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

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.
Sociology

SOC 504/The Community: Its Social and Organizational Structure
Prerequisite: SOC 101 Introductory Sociology, or equivalent
The structure and dynamics of formal and institutional aspects of the community. Economic, political, religious, racial and ethnic, status, cultural and ameliorative forces and their effects upon the young. Particular attention directed to voluntary community agencies aiming to serve families. Field work is required. Visits to agencies will be made, some of which will be on Saturday mornings.
6/27-7/28 MTR 1045-1325
BL234 Instructor: Sarafino
Class #8407

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

SCHOOL OF BUSINESS

Business Education
See also: Management Economics

BUS 500/Microcomputers in Business and Education (Workshop) 3 cr.
(See Special Courses, pg.45)

BUS 515/Personnel Management 3 cr.
In-depth analysis of factors related to the management of personnel. Representative topics include: planning, staffing, developing and evaluating personnel, quality of work life, labor relations, and personnel research. Current problems, issues, and trends are also examined.
6/27-7/27 MW 1800-2210
BL229 Instructor: Gaston
Class #8023

BUS 529/Modern Office Technology 3 cr.
(Workshop)
(See Special Courses, pg.45)

BUS 560/Curriculum in Business and Distributive Education (formerly BUS 670)
Business and distributive education curriculums examined at various educational levels. Includes principles, procedures and innovations in curriculum development.
6/27-7/28 MTR 1340-1620
BL128 Instructor: Gaston
Class #8027

BUS 682/Seminar in Improvement of Instruction in Accounting and Data Processing (Workshop)
(See Special Courses, pg.45)
BUS 697/Independent Study variable cr. in Business and Distributive Education

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

Hours: TBA
Class # BUS 697A 8031 2 cr.
Class # BUS 697B 8033 3 cr.
Coordinator: Everard

BUS 698/Department Project in Business and Distributive Education

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
Class # 8035
Coordinator: Everard

BUS 699-Thesis/Creative Project in Business and Distributive 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 business and distributive education program.

Hours: TBA
Class # 8037
Coordinator: Everard

Management

MGT 697/Independent Study in Management

Prerequisite: Permission of the management program supervisor

A critical independent study on the aspect of management of interest to the student that is explored under faculty guidance.

Hours: TBA
Class # MGT 697A 8167 1 cr.
Class # MGT 697B 8169 2 cr.
Class # MGT 697C 8171 3 cr.
Coordinator: Everard

MGT 699-Thesis/Creative Project 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
Class # 8173
Coordinator: Everard

School of Industrial Education and Engineering Technology

Industrial Education and Engineering Technology

IED 581/Workshop in IED: Seminar in V.I.C.A. Leadership and Entrepreneurship (See Special Courses, pg. 45) 1 cr.

IED 581/Workshop in IED: Seminar in Teaching Vocational Special Need Learners (See Special Courses, pg. 45) 1 cr.

IED 581/Workshop in IED: Microcomputers (See Special Courses, pg. 45) 1 cr.

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.

Hours: TBA
Class # IED 697A 8153 1 cr.
Class # IED 697B 8155 2 cr.
Class # IED 697C 8157 3 cr.
Coordinator: Weber

IED 698/Department Project in Industrial Education

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

Hours: TBA
Class # 8159
Coordinator: Asper
# Early Childhood Education

**ECE 560/Curriculum Experiences** 3 cr. for Young Children  
Basic concepts underlying a desirable curriculum for young children. The role of the teacher in curriculum planning. Emphasis upon the major curriculum areas.  
6/27-7/28 MTR 0800-1040  
EB424  
Instructor: Class #8041  
**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  
Class # ECE 697A 8043 1 cr.  
Class # ECE 697B 8045 2 cr.  
Class # ECE 697C 8047 3 cr.  
Coordinator: Durkin

## Educational Field Experiences

**SEC 514/Curriculum Theory and Practice** 3 cr.  
The contemporary public school curriculum from the primary through the secondary levels including social and educational foundations, basic factors in design, and common organizational patterns. This course is required and accepted by the New Jersey State Department of Education toward administrative or supervisory certificates.  
6/27-7/28 MTR 0800-1040  
EB203-204  
Instructor: Class #8345  
EB203-204  
MTR 1045-1325  
Instructor: Class #8347  
**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.  
6/27-7/28 MTR 0800-1040  
EB222  
Class #8349  
MTR 1045-1325  
EB226  
Class #8351  
**SEC 522/Supervision in the Secondary School** 3 cr.  
Prerequisite: SEC 520 or permission of instructor  
A study of supervisory competencies directed toward the implementation of instruction in the secondary school. The principles of secondary school supervision, organizational skills, leadership in curriculum design, implementation and strategies for assessing instruction will be synthesized. This course is accepted by the New Jersey State Department of Education toward administrative or supervisory certificates.  
6/27-7/28 MTR 0800-1040  
EB226  
Instructor: Class #8353  
**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.  
6/27-7/28 MTR 0800-1040  
EB256/257  
Instructor: Class #8355  
**SEC 525/Introduction to Educational Administration** (EVENING DIVISION See Special Courses p.45)  
**SEC 530/Secondary School Curriculum** 3 cr.  
Prerequisite: SEC 514 or permission of instructor  
A competency-based inquiry-oriented experience wherein the participant engages in the process of building a curriculum for secondary schools. Using data gleaned from
background readings, personal experiences and interaction with others, the individual examines past and present curricular patterns, then designs new or modified patterns to meet the challenge of a total society in continual change. This course is accepted by the New Jersey Department of Education toward administrative or supervisory certificates.

<table>
<thead>
<tr>
<th>Class #</th>
<th>SEC 535/Curriculum Implementation 3 cr. and Infusion Strategies</th>
<th>Instructor:</th>
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<tbody>
<tr>
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<td>Prerequisite: SEC 514/Curriculum Theory and Practice</td>
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<td>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.</td>
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<td>Class #8357 MTR 1045-1325 EB347</td>
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<tr>
<th>Class #</th>
<th>SEC 697/Independent Study in Educational Field Experiences 1-3 cr.</th>
<th>Instructor:</th>
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<tr>
<td></td>
<td>In-depth exploration of a topic within a specific area of the discipline involving supervised reading, research and regular conferences with the faculty adviser.</td>
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<td>Class # SEC 697A 8361 1 cr. SEC 697B 8363 2 cr. SEC 697C 8365 3 cr.</td>
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<td>Coordinator: Schwartz</td>
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## Educational Foundations

### EDF 500/Foundations of Education 3 cr.
A synthesis of the contributions to education from the basic disciplines of history, philosophy, anthropology, psychology, religion, sociology, economics and political science. 

| Class # | SEC 697A 8361 1 cr. SEC 697B 8363 2 cr. SEC 697C 8365 3 cr. |
|--------|---------------------------------------------------------------|------------|
|        |Coordinator: Schwartz |

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<thead>
<tr>
<th>Class #</th>
<th>HH252 MTR 1045-1325</th>
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<td>Instructor: Carroll</td>
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### EDF 516/History of Education in the United States 3 cr.
American educational points of view and practices from colonial times to the Civil War to the present. 

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### 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. 

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<th>Class #</th>
<th>EB211 MTR 1340-1620</th>
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<td>Instructor: Morrison</td>
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### 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. 

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<tr>
<th>Class #</th>
<th>EB210 MTR 1340-1620</th>
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<td>Instructor: Carroll</td>
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### EDF 577/Foundations of Bilingual Multicultural Education 3 cr.
The rationale, history, philosophy, goals, objectives and existing research in the area of bilingual-multicultural education. This course is approved for bilingual certification. 

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<tr>
<th>Class #</th>
<th>EB210 MTR 1340-1620</th>
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### 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. 

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<tr>
<th>Class #</th>
<th>EB332 MTR 1340-1620</th>
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<td>Instructor: Morrison</td>
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### 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. 

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<th>Class #</th>
<th>HH252 MTR 10400-1040</th>
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<td>Instructor: Yengo</td>
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### EDF 697A/Independent Study in Bilingual Education 1-3 cr.
In-depth exploration of a topic within a specific area of the discipline involving supervised reading, research, and regular conferences with the faculty adviser. 

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<tr>
<th>Class #</th>
<th>EB211 MTR 1645-1925</th>
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<td>Instructor: Skelton</td>
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<td>Instructor: Yengo</td>
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<tr>
<th>Class #</th>
<th>EB208 MTR 1935-2215</th>
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<td>Instructor: Charlton</td>
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</table>

| Class # | EDF 697A 8066 1 cr. EDF 697B 8067 2 cr. EDF 697C 8068 3 cr. |
|--------|---------------------------------------------------------------|------------|
|        | Coordinator: Carroll |

43
EDF 697B/Independent Study in Educational Foundations
In-depth exploration of a topic within a specific area of the discipline involving supervised reading, research and regular conferences with the faculty adviser.

Hours: TBA
Class # EDF 697A 8069 1 cr.
Class # EDF 697B 8070 2 cr.
Class # EDF 697C 8071 3 cr.
Coordinator: Carroll

EDF 697C/Independent Study in Urban Education
In-depth exploration of a topic within a specific area of the discipline involving supervised reading, research and regular conferences with the faculty adviser.

Hours: TBA
Class # EDF 697A 8072 1 cr.
Class # EDF 697B 8073 2 cr.
Class # EDF 697C 8074 3 cr.
Coordinator: Carroll

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
Class #8075
Coordinator: Carroll

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
Class #8077
Coordinator: Carroll

Elementary Education

ELM 530/Exploring Children’s Literature: An Educator’s Perspective
A multi-dimensional and multi-media approach to children’s literature with extensive reading, critical examination, selection, and evaluation. Emphasis will be on: children’s books and story presentation strategies as related to children’s needs and interests at various age levels; historic trends, research, and the influence and utilization of literature upon the academic, social and emotional growth of the child.
6/27-7/28 MTR 0800-1040
EB319 Instructor: Class #8079

ELM 555/Advanced Study in Elementary School Curriculum
A course designed to analyze, plan, develop and evaluate the modern elementary school curriculum. Emphasis will be placed upon bases for decision making, processes for curriculum evaluation and improvement, and emerging developments in elementary school curriculum.
6/27-7/28 MTR 1045-1325
EB204 Instructor: Class #8081

ELM 562/Computers and Their Application in Education
An introductory course for teachers in K-12 that examines the various curriculum areas in the classroom. Flow-charting and programming concepts are used to form the basis for a review of the critical problems of choosing and designing software to match student needs.
6/27-7/28 MTR 0800-1040
EB204 Instructor: Class #8083
6/27-7/28 MTR 1045-1325
EB411 Instructor: Class #8085

ELM 698/Department Project in Education
A critical independent study of an aspect of Education of interest to the student that is explored under faculty guidance. Open only to students matriculated in the elementary education programs.

Hours: TBA
Class #8087
Coordinator:

ELM 699/Thesis/Creative Project in Education
An original research or creative study under the guidance of a thesis committee approved by the graduate dean. Open only to students matriculated in the elementary education programs.

Hours: TBA
Class #8089
Coordinator:

Health Education
See also: Physical Education; Safety

HED 551/Alcohol and Narcotics Education
Drug dependencies and their effect on the individual, school and society. The use, mis-

Course descriptions continue on page 53
SPECIAL SUMMER COURSE OFFERINGS

ENROLL EARLY - THESE COURSES ARE NOT COVERED BY THE GUARANTEE
The following courses will be offered on the Trenton State College Campus on the basis of sufficient enrollment only. In most cases, enrollment is limited, therefore, early registration is recommended. The non-credit programs and the credit workshops described in this section are not covered by the guarantee.

ART 340/Primitive Art
3 cr.
Through illustrated lectures, class discussion and research projects, this course focuses on the traditional arts of the American Indian and the peoples of Africa and the South Pacific. Particular emphasis is placed on the aesthetic qualities of the arts, as well as the nature of the arts as an expression of, and in relation to, the cultural setting(s) in which they were produced.
6/6-6/17
HH264
Class #5033
Instructor: Kern

BUS 300/Information Processing with BASIC
1 cr.
An introduction to the BASIC programming language, this course familiarizes the student with microcomputers through hands-on experience. Specific applications of the use of the language and microcomputers as they pertain to business functions are discussed. Students are awarded P/U grades for this course.
T 1930 - 2145
Instructor: Hofmann
6/21 - 7/26
Class #5145

BUS 500/Workshop in Business and Distributive Education: Teaching Accounting and Microcomputers
3 cr.
Prerequisites: Permission of graduate Business Education supervisor and permission of department
A special offering for inservice teachers of business education or recent business education graduates. This course will provide an opportunity to investigate and study the skills and knowledge needed for efficient use of microcomputers in business and the delivery systems used in providing such training to high school students. Ways of selecting microcomputer hardware and review techniques for available software will be identified. Integrated systems of accounting instruction with the microcomputer will also be studied. Emphasis will be placed on the subsystems of accounting.
Class activity will include off-campus visits to schools and businesses to study and evaluate the present instructional systems and applications using the microcomputers.
5/24, 26, 31, 6/2, 4, 7, 9
5/28, 6/4, 11
BL128
Class #8021
Instructor: Sherer

BUS 529/Modern Office Technology
3 cr.
Prerequisites: Permission of graduate Business Education supervisor and permission of department
In a workshop format, students become familiar, through theoretical as well as practical approaches, with recent changes in office technology. A study of costs, and the criteria for evaluation and selection of office equipment is encompassed by this course.
6/27-7/15
BL123
Class #8025
Instructor: Prant

BUS 682/Seminar in Improvement of Instruction in Accounting and Data Processing
3 cr.
Prerequisites: Permission of graduate Business Education supervisor and permission of department
A seminar course in which methods for teaching accounting and data processing are
presented. The development of innovative, alternative methods and materials for teaching is probed through discussions of the problems and issues, including current research, in the field.

6/27-7/15
BL28
Class #8029
Instructor: Sherron

CRJ 250/White Collar Crime
3 cr.

This course presents a comprehensive overview of white collar crime in American Society. Bringing together the major classic and contemporary writings in this area of law violation, it documents the nature and degree of illegal corporate/occupational acts, explains the structural reasons for their continued commission and furnishes explicit proposals to reduce their spread. Specific topics discussed will include: the psychology/sociology of white collar crime, occupational fraud, crime by computer, false/misleading advertising, price fixing, bribery, tax evasion and the marketing of unsafe/untested products.

Where applicable, relevant comparisons/contrasts will be made with West Germany, Switzerland and Austria. Future implications for United States policy will be evaluated.

6/27-7/28
BL228
Class #5207
Instructor: Fenwick

CRJ 340/Terrorism
3 cr.

(3 class hours)

A critical examination of the theories, literature and practices of terrorists from Robespierre’s Reign of Terror to the present.

6/6-6/17
BL228
Class #5207
Instructor: Feinman

CRJ 491/Topics in Criminal Justice:
3 cr.

Trial Advocacy

The procedural and substantive aspects of the criminal-trial process are examined from a practical standpoint, culminating in the application of criminal justice principles to a moot-court situation with each student participating as trial counsel.

6/21-7/28
T/R 1700-2030
Class #5211
Instructor: Smith

ENG 597/Topics in English
3 cr.

Topic: Structure and Phonology of American English

This course examines the structure of American English. From the elements and variety in the sound system (phonology) to the range and variation on syntax structure, critical aspects of the nature of American English will be considered. Theoretical and practical controversies, such as the notions of correct usage, social variation, and related educational policy problems, will also be examined.

6/27-7/28
HH315
Class #6095
Instructor: Waterhouse

HED 553/Drugs in Society
3 cr.

This course explores the trends and practices of drug abuse in contemporary society. Behavior patterns in relation to the use and abuse of drugs are identified and evaluated. Analysis of the drug consumer will be viewed from biological, medical and psychosocial aspects. Roles of professionals in these areas and appraisal of the latest research will be investigated.  

6/27-7/28
MTR 1045-1325
EB210
Class #8111
Instructor: Chilakos

HED 655/Sex Education and Family Living
3 cr.

Individual lifestyles and familial lifestyles, and the incorporation in a teaching situation of the knowledge and competence which the student gains through this course, are emphasized by the analysis of the tests and resource material available to the student, as well as through the development of pertinent instructional materials.

6/27-7/28
EB205
Class #8117
Instructor: Brown
HP E 600/Investigative Design in Health, Physical Education, Recreation and Safety
Research designs are discussed and opportunities are 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.

6/27-7/28
MTR 1045-1325
EB222
Instructor: Hill
Class #8129

IED 581/Industrial Education Workshop: Seminars in V.I.C.A. Leadership and Entrepreneurship
A workshop involving techniques and strategies for organizing and conducting vocational student organizations (AIASA and VICA) as a regular part of class activities for industrial education teachers. Particularly helpful for teachers and advisors of local AIASA and VICA clubs. Includes information and strategies on how entrepreneurship may be added to the curriculum.
8/1-8/4
MTWR 1800-2115
Instructor: Alexander
Class #8149

IED 581/Industrial Education Workshop: Seminar in Teaching Vocational Special Needs Learners
A workshop focused specifically on helping teachers of special learners in industrial education. Emphasis is on identifying handicapped and special learners, how IEP's are developed and implemented, strategies and teaching methods that are effective with these learners, and career assessment techniques used to assist special learners with realistic occupational choices.
8/8-8/11
MTWR 1800-2115
Instructor: Alexander
Class #8150

IED 581/Industrial Education Workshop: Microcomputers
An introductory course in microcomputers for the Industrial Arts/Voc-Ed. teacher. The main focus of this course will be to introduce the teacher to the BASIC programming language, means of writing programs, and the implementation of these programs in an industrial education setting. Additional topics will include the use of microcomputers in Industrial Education Programs, purchasing a microcomputer, and the characteristics of models now available.
6/2-6/14
TR 1700-2100
Instructor: Cappelle
Class #8151

IED 466/Workshop in Industrial Engineering Technology: Seminar in V.I.C.A. Leadership and Entrepreneurship
A workshop involving techniques and strategies for organizing and conducting vocational student organizations (AIASA and VICA) as a regular part of class activities for industrial education teachers. Particularly helpful for teachers and advisors of local AIASA and VICA clubs. Includes information and strategies on how entrepreneurship may be added to the curriculum.
8/1-8/4
MTWR 1800-2115
Instructor: Alexander
Class #5395

IED 466/Workshop in Industrial Engineering Technology: Seminar in Teaching Vocational Special Needs Learners
A workshop focused specifically on helping teachers of special learners in industrial education. Emphasis is on identifying handicapped and special learners, how IEP's are developed and implemented, strategies and teaching methods that are effective with these learners, and career assessment techniques used to assist special learners with realistic occupational choices.
8/8-8/11
MTWR 1800-2115
Instructor: Alexander
Class #5396

IED 466/Workshop in Industrial Engineering Technology: Mohican Workweek
Restore and improve physical facilities of TSC Mohican Outdoor Resource Center. The Center is located near Delaware Water Gap. Course includes work in insulation, carpentry, plumbing/heating, on interior/exterior of buildings. Experience in these areas desirable but not required. Food and lodging are free.
To obtain further details contact: Dr. Robert D. Weber, Armstrong Hall, 609-771-2779.
5/31-6/17 Full time, any 5 days
Camp Mohican
Class #5413

5/31-6/17 Full time, any 10 days
Camp Mohican
Class #5414

5/31-6/17 Full time
Camp Mohican
Class #5415

IET 466/Workshop in Industrial Engineering Technology: 1 cr.
Microcomputers
An introductory course in microcomputers for the Industrial Arts/Voc-Ed. teacher. The main focus of this course will be to introduce the teacher to the BASIC programming language, means of writing programs, and the implementation of these programs in an industrial education setting. Additional topics will include the use of microcomputers in Industrial Education Programs, purchasing a microcomputer, and the characteristics of models now available. 
6/2-6/14
AR52/53
Class #5416

MAT 645/History of Mathematics I 3 cr.
The genesis of mathematics through the Renaissance, its role in civilization and the interrelationships between the various branches of mathematics are highlighted through illustrated lectures and group discussion. A strong background in mathematics is required. 
6/20-7/28
HH126
Class #8160

MCS 217/Television Production I 3 cr.
Actually working a television studio . . . the student will run the control board, write and produce a number of programs, learn the sound board, operate television cameras and learn many video techniques. The student will also become involved in the "team" approach to television. In addition, students will learn the entire fundamentals of television broadcasting and the numerous techniques required to produce a quality program. Lighting of the studio or a set is also included. THIS COURSE IS LIMITED TO 15 STUDENTS. 
6/27-7/28
EB124
Class #5861

MCS 271/Production of Instructional Materials 3 cr.
This course is designed for instructors who wish to enhance their communication skills through the use of media. Learning how to produce such materials as transparencies, charts, and other media, the learner uses the materials in actual demonstrations. In addition, graphics design and color are used. The learner will also be involved in labs to become familiar with equipment. This is a hands-on-course. This course is valid for certification. THIS COURSE IS LIMITED TO 20 STUDENTS. 
6/27-7/28
EB101
Class #5489

PED 511/Curriculum and Program Construction in Physical Education 3 cr.
Children of various age levels are considered in formulating criteria for the scientific evaluation of activity programs, as well as in the selection and adaptation of physical education activities. Emphasis is placed on developing objectives and establishing pupil classifications. 
6/27-7/28
PA103
Class #6285

SCT 102/Speech I: Persuasion and Propaganda 3 cr.
This course explores the fascinating ways individuals, advertisers, groups, and governments attempt to change our own actions and beliefs. Class members explore the strategies and techniques of persuasion in a variety of situations, including advertising, politics, news and public debate. They also examine the fine line that exists between legitimate persuasion and less subtle forms of coercion. The goal of the course is to make its participants more conscious of the
propaganda and persuasion that surrounds them, and to provide an opportunity to practice some of the skills and strategies of persuasion in classroom exercises.

**SCT 172/Introduction to Mass Communication**

3 cr.  
This course examines the phenomenon of preparing and selling messages and programs to audiences linked together by the electronic and print media. Through the use of films, readings, lectures and discussions, students look behind the scenes into a number of important mass-media industries, particularly the film, television, radio, recording, newspaper, and magazine businesses. How each evolved, how each manipulates its audiences to maximize its impact and profits, and how each has changed the lives of every American are all subjects addressed in this course.

6/6-6/17  
EB101  
Class #5859

**SCT 286/Theatre Production Workshop**

3 cr.  
A 3-credit course offering practical training in a variety of theatre production skills as actors and/or technicians. Class members form a “self-contained company” for the full-scale production of a play for the public. All classes meet as rehearsal-laboratory-workshop sessions.

6/20-7/28  
KE122  
Class #5863

**SED 621/The Characteristics and Assessments of Pre-School Developmentally Handicapped Children, Birth to Six**

*Prerequisite:* SED 501  
Study of the growth and developmental characteristics of developmentally handicapped children from birth to age six; the effects of pre-natal, peri-natal, metabolic and neurological factors which may affect future learning; the importance of genetic counseling and neurological examination of the newborn in prediction, diagnosis and prognosis of future developmental and learning difficulties; assessment, techniques for developmental and educational diagnosis in order to plan for early preventive and interventive education.

6/27-7/28  
EB349  
Class #8385

**SPP 520/Cerebral Palsy and Allied Conditions**

3 cr.  
*Prerequisite:* An undergraduate degree in speech pathology or the equivalent.  
Study of the etiology, types, classification and resulting speech and hearing problems of cerebral palsy and other paralytic disabilities. Emphasis is placed on guided research and practical experience in the various remedial procedures currently used.

6/27-7/28  
EB411  
Class #8445

Due to numerous requests, CHM 201-202/General Chemistry I and II are being offered on a non-guaranteed basis in an evening section.

**CHM 201-202/General Chemistry I and II**

4, 4 cr.  
Laws and theories of matter in its various states are examined. Atomic and molecular structure from quantum and orbital interpretations, kinetics and equilibrium, and periodicity and properties are topics within the structure of the course. The class performs quantitative experiments coordinated with lectures. A working knowledge of elementary algebra is assumed.

CHM 201/General Chemistry I  
6/13-7/7  
Lect: NU324  
LAB: CH316  
Class #5177

CHM 202/General Chemistry II  
7/11-8/4  
Lect: NU324  
LAB: CH316  
Class #5181

**NOTE:** These courses will be offered on the basis of sufficient enrollment ONLY.
A special evening section of SEC 525/Introduction to Educational Administration will be offered on a non-guaranteed basis if enrollments warrant this course.

SEC 525/Introduction to Educational Administration

A comprehensive overview of the field of educational administration which 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.

Instructor: MTR 1935-2215
Class #8356

NOTE: Insufficient enrollment will necessitate the cancellation of this offering.

Marine Sciences Consortium at Seaville and Sandy Hook

The New Jersey Marine Sciences Consortium is a research-oriented organization of institutions of higher learning in New Jersey. It operates two field stations, one at Sandy Hook in Monmouth County and the other at Seaville in northern Cape May County. Selected courses in various fields of marine sciences are offered during the summer at both stations. Dormitory and kitchen facilities are available as well as fully equipped laboratories and field facilities. An illustrated brochure is available that describes the summer program completely. The days and hours for the Consortium courses will be arranged. Please contact Dr. Albert Eble at (609) 771-2351 for registration information.

Courses to be given at Sandy Hook

Undergraduate credits
BIO 132A/Introduction to the Marine Sciences 4 cr.
July 5-August 12
Class #5051

BIO 433A/Introduction to Marine Biology 4 cr.
July 5-August 12
Class #5063

BIO 499/Biology of Marine Fishes 4 cr.
July 5-July 29
Class #5075

BIO 499/Marine Invertebrate Paleobiology 4 cr.
July 18-August 12
Class #5077

BIO 499/Marine Science Education 3 cr.
July 5-July 16
Class #5079

BIO 499A/Independent Study in Marine Science 1 cr.
Class #5081

BIO 499B/Independent Study in Marine Science 2 cr.
Class #5083

BIO 499C/Independent Study in Marine Science 3 cr.
Class #5085

BIO 499D/Independent Study in Marine Science 4 cr.
Class #5087

BIO 499/Basic Scuba 0 cr.
July 18-July 24
Class #5089

BIO 499/Life in the Sea 0 cr.
July 18-July 22
Class #5091

Courses to be given at Seaville

Undergraduate
BIO 132B/Introduction to the Marine Sciences 4 cr.
July 5-August 12
Class #5053

BIO 433B/Introduction to Marine Biology 4 cr.
July 5-August 12
Class #5065
BIO 499/Mollusca
July 11-July 15
Class #5093
1 cr.

BIO 499/Coastal Problems and Resource Management
July 18-July 22
Class #5095
1 cr.

BIO 499A/Independent Study in Marine Science
Class #5097
1 cr.

BIO 499B/Independent Study in Marine Science
Class #5099
2 cr.

BIO 499C/Independent Study in Marine Science
Class #5101
3 cr.

BIO 499D/Independent Study in Marine Science
Class #5103
4 cr.

BIO 499/Basic Scuba
July 25-July 29
Class #5105
0 cr.

BIO 499/Life in the Sea
July 25-July 29
Class #5107
0 cr.

BIO 499/Life in the Sea
August 1-August 5
Class #5109
0 cr.

BIO 499/Seafood Nutrition
August 8-August 9
Class #5111
0 cr.
use 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.

6/20-7/14 MTWR 1700-1930
EB208 Instructor: Herzstein/
Class #8107 Fassbender

HED 552/Health Science 3 cr.
Recent problems, concepts and advances in the areas of personal and community health and in the selection, investigation and application of modern techniques of classroom teaching to the health sciences.
6/27-7/28 MTR 1340-1620
EB206/207 Instructor: Chilakos
Class #8109

HED 553/Drugs in Society 3 cr.
(See Special Courses, pg.45)

HED 554/Curriculum and Program 3 cr.
Construction in Health and Safety Education
The selection and adaptation of a comprehensive health and safety education program for children of various age levels. Desirable content for health and safety units and administrative considerations are also discussed. The conceptual approach to health and safety education is stressed.
6/27-7/28 MTR 0800-1040
EB210 Instructor: Fassbender
Class #8113

HED 555/Seminar on Aging, Death 3 cr.
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.
6/27-7/28 MTR 1045-1325
EB211 Instructor: Herzstein
Class #8115

HED 655/Sex Education and Family 3 cr.
Living
(See Special Courses, pg.45)

Health Education,
Physical Education,
Recreation and Safety

HPE 600/Investigative Design 3 cr.
in Health, Physical Education,
Recreation and Safety
(See Special Course, pg.45)

HPE 602/Historical and Philosophical Foundations of Health and Physical Education
A brief history of health and physical education and the philosophies of past and current programs. Opportunity for the student's self-assessment of knowledge, skill, attitudes, work habits, inquiry, personal purposes and goals and analysis of professional philosophy. Topics include: goals and concepts, heritages and interrelationships to selected cultures.
6/27-7/28 MTR 1045-1325
EB224 Instructor: Tillmann
Class #8131

HPE 697/Independent Study variable cr.
in Health, Physical Education,
Recreation and Safety
In-depth exploration of a topic within a specific area of the discipline involving supervised reading, research, and regular conferences with the faculty adviser.
Hours: TBA
Class # HPE 697 A 8133 1 cr.
Class # HPE 697 B 8135 2 cr.
Class # HPE 697 C 8137 3 cr.
Class # HPE 697 D 8139 4 cr.
Class # HPE 697 E 8141 5 cr.
Class # HPE 697 F 8143 6 cr.
Coordinator: Medve

HPE 698/Department Project in 3 cr.
Health, Physical Education, Recreation
and Safety
An independent study of an aspect of health, physical education, recreation and safety of interest to the student that is explored under faculty guidance. Open only to students matriculated in the health and physical education program.
Hours: TBA
Class #8145
Coordinator: Medve

HPE 699/Thesis in Health, Physical 6 cr.
Education, Recreation and Safety
Original 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
Class #8147
Coordinator: Medve

Media Communication Science

MCS 697/Independent Study in Media Communications
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 # MCS 697A 8161 1 cr.
Class # MCS 697B 8163 2 cr.
Class # MCS 697C 8165 3 cr.
Coordinator: Warner

Physical Education
See also: Health Education; Safety

PED 510/The Teaching and Planning of Physical Education in the Elementary School
Study and evaluation of recent concepts and practices in the planning and teaching of physical education. Emphasis is placed upon the function of physical education in the elementary grades.
6/27-7/28 MTR 1045-1325
PA126 & Gym I Instructor: Rada
Class #8283

PED 511/Curriculum in Program Construction in Physical Education (See Special Courses pg. 45)

PED 539/Advanced Theory and Techniques in Basketball
Investigation and application of recent information on theory, techniques, teaching and administrative procedures as they relate to basketball.
6/6-6/17 MTWRF 1800-2030
Gyms I & II Instructor: Oshel
Class #8287

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.
6/6-6/17 MTWRF 1530-1800
Gyms I & II Instructor: Oshel
Class #8289

PED 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.
6/27-7/28 MTWR 0800-1000
EB209 Instructor: Tillman
Class #8291

Reading
See also: Early Childhood Education; Elementary Education

RDG 570/Corrective Techniques in Reading 3 cr.
Prerequisite: An undergraduate or graduate course in the methods of teaching reading
Consider the basic principles for a corrective reading program, methods of preventing reading difficulties, and methods and materials used in dealing with corrective problems, causes of poor reading and deficiencies in specific skills. (This course may not be accepted for credit in the Developmental Reading Program.)
6/27-7/28 MTR 0800-1040
EB211 Instructor: Class #8325

RDG 571/Language and the Teaching of Reading 3 cr.
Prerequisite: An undergraduate or graduate course in the methods of teaching reading.
Corequisite: Actively engaged in working with children and youth
Place of language in the cultural system: linguistics as an academic discipline; its organization, investigative methods and specialized terminology; examination of linguistic concepts significant for a reading program; analysis of American English, including standard and nonstandard dialects; phenomena of urban ghetto speech; implications of these data for instruction.
6/27-7/28 MTR 1045-1325
EB424 Instructor: Class #8327

RDG 676/Testing, Analysis, and Corrective Procedures in Reading K-12 3 cr.
Prerequisite: RDG 573
Investigation of methods and materials for appraising reading achievement in grades K-12; critical appraisal of these methods and materials based on psychological and linguistic principles; utilization in identification of reading difficulties; identification and application of techniques appropriate for meeting these difficulties. Clinical testing experiences will be required.
6/27-7/28 MTR 1045-1325
EB256/257 Instructor: Class #8329

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.
6/27-7/28 MTR 1045-1425
EB321 Instructor: Class #8331
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
Class #8333
Coordinator: Durkin

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
Class #8335
Coordinator: Durkin

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
Class #8333
Coordinator: Durkin

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
Class #8335
Coordinator: Durkin

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.
6/20-7/8 MTWRF 1230-1530
PA103
Class #8337
Instructor: Medve

SAF 582/Driver Education Teacher Certification Program 3 cr.
This program meets the certificaton 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.
6/20-7/8 MTWRF 0930-1200
PA104
Class #8339
Instructor: Medve

6/27-7/15
PA104
Class #8341
Instructor: Oshel

SAF 587/Traffic Safety Workshop 2 cr.
Investigation and application of current information on theory, techniques teaching and administrative procedures as they relate to specific traffic safety problems. Programs in motorcycle education, emergency maneuvers, handicapped drivers, pedestrian safety, bicycle safety and public transportation will be offered in terms of need and demand. HPE 697 Independent Study for 1 s.h. is recommended.
6/13-6/17
PA104
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.
6/27-7/28 MTR 0800-1040
EB348
Instructor: Lemeshow
Class #8367

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 an IEP (individual educational plan).
6/27-7/28 MTR 1045-1325
EB408
Instructor: Weisberg
Class #8369

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. Emphasis on the practical and immediate approach by the public schools in meeting the educational needs of these children.
6/27-7/28 MTR 1045-1325
HH124
Instructor: Dixon
Class #8371

SED 605/Individualizing Reading 3 cr.
Instruction for Exceptional Children
Prerequisite: SED 310, SED 501
Corequisite: SED 610 for LDTC students
Past and current research in teaching language arts to children with communications problems. Methods of teaching reading, writing, spelling and grammar with particular emphasis on the auditory, kinesthetic and tactile modes as well as the visual. The multimedia approach to teaching.
SED 609/Quantitative Disorders in Handicapped Children  
Prerequisite: SED 501  
Corequisite: SED 620 for LDT/C students  
Diagnostic and remedial problems and procedures in understanding and modifying difficulties evidenced by children in quantitative thinking. Laboratory work involves supervised teaching experience using diagnostic and remedial techniques as well as training in case conferences and disseminating information to various school personnel.

SED 610/Consultation Practicum I: Communication and Conceptual Processes  
Prerequisite: SED 601 plus 6 additional hours in Communication and Conceptual Module  
Corequisite: SED 605 for LDT/C students  
A laboratory experience with children who have communications disorders. Past and current research dealing with identification and diagnosis studied and applied in individual case studies. The student will be included in Child Study Team deliberations as he assumes the role of Learning Disabilities Teacher/Consultant. Students will be expected to purchase any necessary testing and/or curriculum materials needed for the proper completion of the course.

SED 614/Management Techniques for Learning and Behavior Problems in the Classroom  
Prerequisite: SED 501  
The variety of techniques which may be employed to enable the teacher to manage difficult behavior to facilitate learning, intended for teachers of children with behavioral problems which interfere with learning.

SED 616/Social-Emotional Development of the Handicapped  
Prerequisite: SED 501  
The unique and typically abnormal psychosocial characteristics and stresses encountered by the handicapped child. The child’s behavioral responses and personality development. Roles of the educator and other professional personnel in the school and community agencies. Techniques of therapeutic intervention, behavior modification and instruction.
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.
6/27-7/28 MTR 1340-1620
EB349 Instructor: Riley
Class #8391

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 or she 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
Class # SED 650A 8393 1 cr.
Class # SED 650B 8395 2 cr.
Class # SED 650C 8397 3 cr.
Coordinator: Weisberg

SED 696/PRACTICUM—Observation and Participation
Prerequisite: SED 501, SED 514, SED 605, SED 629, SED 643
An observation and participation program for Track II 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.
6/27-8/5
Hours: TBA
Class #8399
Coordinator: Riley

SED 697/Independent Study
1-3 cr.
in Special Education
Prerequisite: Permission of adviser
Independent exploration of a specific topic in depth under the individual supervision of a faculty member. Such a study could include a unique case study, exploration of a potential research topic, extensive reading in an area of interest, participation in department or interagency clinics, grant projects, forums, workshops, etc. May be repeated for an additional semester with permission of adviser. Students are expected to purchase any necessary testing and/or curriculum materials needed for the proper completion of the course. Open only to students matriculated in the special education program.
Hours: TBA
Class # SED 697A 8401 1 cr.
Class # SED 697B 8403 2 cr.
Class # SED 697C 8405 3 cr.
Coordinator: Weisberg

Speech Pathology and Audiology

SPP 518/Childhood Aphasia and Language Disorders
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.
6/27-7/28 MTR 1340-1620
EB409 Instructor: Jenson
Class #8443

SPP 520/Cerebral Palsy & Allied Conditions
(See Special Courses, pg. 45)

SPP 535/Manual Communication:
Theory and Practice
Role of manual communication in schools, clinic and community agencies. Survey of five manual communication systems. Instruction in the manual alphabet and language of Signs.
6/27-7/28 MTR 1045-1325
HH316 Instructor: Keane
Class #8447

SPP 540/Applied Diagnostics in Speech Pathology
Prerequisite: Undergraduate degree or equivalent in speech pathology or permission of the instructor.
Advanced study of the principles and procedures of assessment for communication disorders; test administration and interpreta-
tion, diagnostic report writing, interview techniques, staffing and referrals.
6/27-7/28 MTR 0800-1040
EB155 Instructor: Roberts
Class #8449

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 practicum 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.
6/27-7/28 MTR 1045-1325
HH304 Instructor: Roberts
Class #8451

SPP 590/Clinical Practice 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.

SPP 590/Clinical Practice Speech Pathology

Speech Pathology
Hours: TBA
Class # SPP 590A 8452 1 cr.
Class # SPP 590B 8453 2 cr.
Class # SPP 590C 8454 3 cr.
Coordinator: Hornyak

SPP 590/Clinical Practice Audiology

Audiology
Hours: TBA
Class # SPP 590H 8455 1 cr.
Class # SPP 590I 8456 2 cr.
Class # SPP 590J 8457 3 cr.
Coordinator: Druker

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.
6/27-7/28 MTR 1645-1925
EB411 Instructor: Schwartz
Class #8458

SPP 697/Independent Investigation 1-3 cr.
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 related to the area. Open only to students matriculated in the speech correction or speech pathology program.
Hours: TBA
Class # SPP 697A 8459 1 cr.
Class # SPP 697B 8461 2 cr.
Class # SPP 697C 8463 3 cr.
Coordinator: Schwartz

SPP 698/Department Project in Speech 3 cr.
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
Class #8465
Coordinator: Schwartz

SPP 699/Theesis/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
Class #8467
Coordinator: Schwartz

Student Personnel Services

SPG 501/Introduction to Counseling and Student Personnel Services 3 cr.
Major emphasis is on the applied psychology of the helping relationship through active field experiences, human relations training and exploration of field opportunities.
6/27-7/28 MTR 0800-1040
HH204 Instructor: Kouzes
Class #8421

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.
6/27-7/28 MTR 1045-1325
HH253 Instructor: Yengo
Class #8423

SPG 535/Career Counseling and Placement 3 cr.
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.

6/27-7/28 MTR 0800-1040
HH253 Instructor: Sancho
Class #8425

SPG 670/Counseling Theory 3 cr.
Prerequisites: SPG 501, SPG 515, one Psychology elective and 10 hours in the program

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

6/27-7/28 MTR 1045-1325
HH204 Instructor: Kouzes
Class #8427

SPG 675/Group Guidance and Counseling 3 cr.
Prerequisite: SPG 670

Exploration of one's own interpersonal style of behavior, effective leader behavior, the dynamics of group processes and their interactional effect on member behavior are developed as students study and function as members of on-going counseling groups.

6/27-7/27 MW 1700-2110
EB409 Instructor: Ramsey
Class #8429

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.

6/27-7/27 MW 1700-2110
EB410 Instructor: Worthington
Class #8431

SPG 680/Practicum in Counseling and Testing 3 cr.
Prerequisite: SPG 670, SPG 675

Basically a laboratory experience, students will engage in the development of effective counseling behaviors and practice test selection, administration, scoring and interpretation. The focus is on an integration of counseling theory and practice and educational testing.

6/28-7/28 TR 1700-2110
EB409 Instructor: Worthington

SPG 697/Independent Study 1-3 cr.

In Student Personnel Services

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

Hours: TBA
Class # SPG 697A 8435 1 cr.
Class # SPG 697B 8437 2 cr.
Class # SPG 697C 8439 3 cr.
Coordinators: Ramsey/Worthington

SPG 698/Department Project in Student Personnel Services 3 cr.

Provides opportunities for in-depth study in an area of interest to the student, and/or participation in an activity related to Student Personnel Services.

Hours: TBA
Class #8441
Coordinators: Ramsey/Worthington
ACADEMIC REGULATIONS AND INFORMATION
MAJORS LEADING TO BACCALAUREATE DEGREES

Bachelor of Arts

- Art, Liberal Arts, Art Therapy or Advertising Design
- Art, 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, Liberal Arts
- Political Science, Liberal Arts or Public Administration
- Political Science, Teaching of Social Studies
- Psychology, Liberal Arts
- Sociology, Liberal Arts
- Sociology, Teaching of Social Studies
- Speech Communication and Theatre, Liberal Arts
- Speech Communication and Theatre, Teaching

Bachelor of Science

- Administrative Office Management
- Biology, Liberal Arts
- Biology, Teaching
- Business Administration (with an Accounting, General Business, Finance, Management, Marketing or Public Administration emphasis)
- Business Economics
- Business Education (with either Full Certification, Accounting, or Secretarial Studies emphasis)
- Chemistry, Liberal Arts
- Chemistry, Teaching Physical Science
- Criminal Justice
- Distributive Education
- Early Childhood Education
- Electronics Engineering Technology
- Elementary Education
- Health Education
- Health and Physical Education
- Industrial Education (with Industrial Arts or Vocational Industrial emphasis)
- Industrial Engineering Technology
- Mechanical Engineering Technology
- Nursing
- Physics, Liberal Arts
- Physics, Teaching 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)
Graduate Programs

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

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

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

Master of Science
- Management
- Educational Specialist (6th year)
- Learning Disabilities Teaching/Consultant

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

Certificate Program
- Gerontology

ACADEMIC ADVISEMENT FOR SUMMER SESSION STUDENTS

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

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

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

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

Attendance

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

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

Auditing

Students who wish to attend courses without receiving credit must:

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

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

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

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

Course Numbering

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

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

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

Course Prerequisites

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

Credit Load

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.

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 1983

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, 1983. If the same students also qualify for a teaching certificate, they must apply for that also. Applications for the degree are available in the Office of Academic Advisement and Evaluation, Green Hall, Room 106.

Applications for teaching certificates are available in:
- Office of the Dean of Arts and Sciences, Holman Hall, Room 305
- Office of the Dean of the School of Education, Education Building, Room 168
- 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 106

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.
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 73 to 85 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 from June 6 to August 12 Monday through Thursday, from 8 a.m. to 6 p.m. and Friday from 8:30 a.m. to 4:30 p.m. Telephone (609) 771-2484.

Emergency first aid for illness or injury is provided for all students. In the event further medical assistance is required, the nurse will refer patients to their own physicians or a community agency. After 6 p.m. when the Health Center is closed, students will be sent to St. Francis Medical Center Emergency Room for treatment if they cannot wait until the next day. The Campus Police (609) 771-2167 may be called for assistance with directions, transportation, etc. if needed. Service at the Health Center is free; however, all expenses for services rendered by community facilities and practitioners 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 3 of Green Hall offers a variety of programs and services for the Trenton State College community:

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

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

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

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

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

For further information, please call Dr. Susan Karr, Assistant to the Dean of Students at (609) 771-2201.

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 10, (609) 771-2255.

2. Return the application form to the Summer Session Office accompanied by the correct amount in check or money order payable to Trenton State College. If you choose a meal contract, be sure to include this payment with your room rent fee. Please note: If application forms accompanied by payment in the exact amount are received before the deadline dates indicated below, the student will receive a room assignment by mail. If no advance reservation is made, there may be a two-day period at the start of the summer session before a room can be assigned. Students must present receipt of room payment before checking into the residence hall.

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

4. Remember the following dates and policy:
   a. Reservations for the summer session must be received by June 10, 1983.
   b. Residence halls will be open on June 19, 1983, at 4 p.m. and close on July 29, 1983 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 $279
   For 1 week (3 nights or more) $47

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 $8 per night, plus a $5 refundable key charge. The key refund is obtained from the Housing Office by presenting a clearance slip obtained from the director of summer residences. Please note: The college does not assume responsibility for loss or damage to personal property of students living in residence.

Eating on Campus

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

1. Students may choose from among the following meal contracts:
   - 19 meals per week @ $31.50/wk $189.00/session
   - Any 14 meals per week @ $29.75/wk $178.50/session
   - Any 10 meals per week @ $28.25/wk $169.25/session

*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 à la carte basis. Meal prices will be as follows:

- Breakfast: $1.75
- Lunch: 2.75
- Dinner: 3.75
- Brunch: $2.75

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 behind Phelps Hall opposite the Recreation Center.

Summer business hours are:
- Monday, June 20 and Tuesday, June 21—8:30 a.m.-8 p.m.
- Monday, June 24 and Tuesday, June 28—8:30 a.m.-8 p.m.
- Monday-Friday—9 a.m.-4 p.m.

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

Library Hours

During the 1983 Summer Session (June 20 through July 29) the library will be open during the following hours:

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

During the pre-season (June 6-June 17) and the post-season (August 1-August 12) 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

### Summer Day Care Program

The Summer Day Care Program will be available to students, faculty and staff from June 27-July 29. This creative arts/recreational program is open to children between the ages of 2½-6 years old and will be held on the first floor of the Education Building. The hours will be from 7:45 a.m.-5:00 p.m. The cost will be $40.00 for each course taken by the parent (or, for faculty and staff, $1.00 per hour).

If you are interested in more information on the Summer Day Care Program, please fill out the form on the bottom of the page and return it to:

Dr. Susan Karr  
Assistant to the Dean of Students  
Trenton State College, Green Hall 101  
CN 550, Hillwood Lakes  
Trenton, N.J. 08625

The deadline for registering for Summer Day Care is June 15, 1983. (Insufficient responses will necessitate the cancellation of this Program.)

---

Name __________________________

Address __________________________

Telephone Number ______________________

Number of children planning to participate in the program

Names of children

Date of Birth

---

72
Classes scheduled for Monday, July 4 will be held Friday, July 8.

Withdrawal before the first scheduled class meeting—100% refund. Withdrawal after the first scheduled class meeting—50% refund.

### Building Designation Code

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<tr>
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<td>Relocatable Hall</td>
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### Hours and Days

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

- **0800 = 8 a.m.**
- **0900 = 9 a.m.**
- **1000 = 10 a.m.**
- **1100 = 11 a.m.**
- **1200 = 12 NOON**
- **1300 = 1 p.m.**
- **1400 = 2 p.m.**
- **1500 = 3 p.m.**

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

**Pre-Session**

**Week Beginning 6/6**

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<td>Fundamentals of Organic Chemistry</td>
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50% WD: 6/8—Final WD: 6/10

**Post-Session**

**Week Beginning 8/1**

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50% WD: 8/3—Final WD: 8/5
### 5 WEEK 2 DAY
6/27-7/28

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<td>5:00-9:10</td>
<td>ENG 246 Film</td>
<td>M/W HH3 15 50% WD: 7/6—Final WD: 7/11</td>
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<td>SPG 675 Group Guidance and Counseling</td>
<td>M/W EB409 50% WD: 7/6—Final WD: 7/11</td>
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<td>SPG 677 Group Leadership Skills</td>
<td>M/W EB410 50% WD: 7/6—Final WD: 7/11</td>
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<td>SPG 680 Practicum in Counseling and Testing</td>
<td>T/R EB409 50% WD: 7/7—Final WD: 7/12</td>
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<td>SCT 102 Speech I: Persuasion &amp; Propaganda</td>
<td>T/R HH204 50% WD: 7/7—Final WD: 7/12</td>
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<td>BUS 515 Personnel Management</td>
<td>M/W BL229 50% WD: 7/6—Final WD: 7/11</td>
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<td>POL 205 Introduction to Public Administration</td>
<td>M/W HH120 50% WD: 7/6—Final WD: 7/11</td>
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<td>POL 230 International Relations</td>
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### 5 WEEK 3 DAY
6/27-7/28

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<td>MTR HH374</td>
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<td>ART 111 Drawing</td>
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<td>AST 161 Descriptive Astronomy</td>
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<td>CRJ 435 CRJ Research and Planning</td>
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<td>ECE 204 Guiding the Learning Experience of Young Children</td>
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<td>ECE 560 Curr. Exp.</td>
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<td>ELM 325 Teaching Science and Social Studies in the Elementary School</td>
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<td>ELM 530 Expl. Ch. Lit.</td>
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<td>ELM 562 Comp. Appl. Ed.</td>
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<td>ENG 246 The Film</td>
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<td>ENG 520 Women in Literature</td>
<td>MTR HH311</td>
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<td>HED 358 Perspectives Aging, Death and Dying</td>
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<td>HED 554 Curriculum &amp; Prog. Construc. Health Ed.</td>
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<td>MCS 140 Intro. Comp.</td>
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<td>RDG 421</td>
<td>Diagnosis of Reading Difficulties</td>
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<td>RDG 570</td>
<td>Corrective Techniques</td>
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<td>Learning &amp; Behavior Problems of Exceptional Ch.</td>
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4:45-7:25

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<td>Disorders of Articulation</td>
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7:35-10:15

AST 161  Descriptive Astronomy  
MTR  CH114

BUS 322  Data Processing  
MTR  BL125

EDF 600  Introduction to Research  
MTR  EB208

HED 655  Sex Education  
MTR  EB205

MET 383  Production and Inventory Control  
MTR  AR74

MUS 150  Survey of Music Literature  
MTR  BR125

POL 510  City Politics  
MTR  HH253

SEC 525  Introduction to Educational Administration  
MTR  EB101

Final Withdrawal Dates
All 5 Week, 3 Day courses (6/27-7/28):
50% WD: 7/5—Final WD: 7/12

8:00-10:00

ENG 109  Int. Comp.  
MTWR  HH304

ENG 222  Short Story  
MTWR  HH372

PED 690  Professional Seminar  
MTWR  EB209

SED 609  Quantitative Disorder  
MTWR  EB408

10:30-12:30

PSY 101  Intro. Psy. I  
MTWR  EB410

PSY 203  Stat. Behav.  
MTWR  EB403

PSY 224  Adoles. Psy.  
MTWR  EB423

SED 620  Cons. Pract. III  
MTWR  EB202

SCT 106  Intro. Th. Form  
MTWR  KE212

12:45-2:45

PSY 102  Intro. Psy. II  
MTWR  EB410

5:00-7:00

IED 391  Found. PAVE  
MTWR  AR73

7:15-9:15

ENG 222  Short Story  
MTWR  HH372

IED 393  Cont. Meth. PAVE  
MTWR  AR73

50% WD: 7/6—Final WD: 7/12
6 WEEK 2 DAY
6/20-7/28

5:00-8:30
AAS 106 African-American History after 1865
TR
50% WD: 6/30—Final WD: 7/7
CRJ 315 Contemporary Police Problems
MW
BL228
50% WD: 6/29—Final WD: 7/6
CRJ 491 Trial Advocacy
TR
BL228
50% WD: 6/30—Final WD: 7/7
PSY 333 Mental Health
MW
EB 407
50% WD 6/29—Final WD: 7/6

6:00-9:30
PHI 101 Introduction to Philosophy
TR
HR315
50% WD 6/30—Final WD: 7/7

8:00-10:15
CSC 108 Elem. Comp.
TR
HH107
GOL 120 Intro. Geology
TR
EB206
PSY 316 Psych. Per.
TR
EB407
SOC 101 Intro. Soc.
TR
BL124

10:30-12:45
BUS 210 Intro. Bus.
MW
BL125
MW
HH105
GGR 101 Phys. Env.
MW
EB206
MAT 645 Hist. Math I
MW
HH126
PSY 222 Child Psych.
MW
EB407
REL 151 Comp. Rel.
MW
EB209
SOC 205 Cont. Soc. Issues
MW
BL233

1:00-3:15
MW
BL129
PHI 120 Intro. Log.
MW
HH126

5:00-7:15
BUS 310 Mgt. Prin.
MW
BL128
BUS 312 Office Mgt.
MW
BL129
CSC 108 Elem. Comp.
MW
HH105
MW
HH304
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FINAL WD—7/7
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**HED 551 Alcohol and Narcotics Workshop**

**MTWR**

**MTWR EB208**

**1700-1930 6/20-7/14**

**50% WD: 6/28—Final WD: 6/30**

**SPA 101 Spanish for Beginners**

**MTWR HH316**

**1715-2055 6/20-7/7**

**50% WD 6/23—Final WD: 6/28**

**HED 551 Alcohol and Narcotics Workshop**

**MTWR EB208**

**1700-1930 6/20-7/14**

**50% WD 6/28—Final WD: 6/30**
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<td>7/11-7/28</td>
<td>7/14-7/19</td>
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<td>CH316</td>
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Preliminary Meeting 7/11

Week Beginning 7/4

Week Beginning 7/11
SPECIAL SCHEDULING

BIO 461 6/3-6/5
Preliminary Meeting 5/31

BIO 461 7/29-7/31
Preliminary Meeting 7/18

BIO 462 6/17-6/19
Preliminary Meeting 6/14

BIO 593C 7/15-7/17
Preliminary Meeting 7/11

BIO 593D 6/3-6/5
Preliminary Meeting 5/31

BIO 593E 7/29-7/31
Preliminary Meeting 7/18

BIO 593F 6/17-6/19
Preliminary Meeting 6/14

50% WD: After Preliminary Meeting
Date—Final WD: Friday of each appropriate weekend.

IET 466/IED 581 Workshop
Microcomputers
TR AR52-53
1700-2100 6/2-6/14
50% WD: 6/2—Final WD: 6/7

MTWR AR73
1800-2115 8/8-8/11
50% WD: 8/8—Final WD: 8/9

IET 466/IED 581 Industrial Ed. Workshop: VICA Leadership
MTWR AR73
1800-2115 8/1-8/4
50% WD: 8/1—Final WD: 8/2

IET 466 Workshop Ind. Engineering
Tech. Camp Mohican
5/31-6/17 Full Time Any 5 Days
5/31-6/17 Full Time
5/31-6/17 Full Time Any 10 Days
50% WD: 6/2—Final WD: 6/8
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-95 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 8.7 miles on Rt. I-295/95 and follow from * above.
**TABLE OF UNDERGRADUATE TUITION AND FEES**

<table>
<thead>
<tr>
<th>Total Credits Registered For Summer 83</th>
<th>In-State** Residents Pay Tuition and Fee Total of</th>
<th>Out-of-State Residents Pay Tuition and Fee Total of</th>
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**TABLE OF GRADUATE TUITION AND FEES**

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<th>In-State** Residents Pay Tuition &amp; Fee Total of</th>
<th>Out-of-State Residents Pay Tuition &amp; Fee Total of</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.