

1993

University of Southern Maine Course Catalog Summer 1993

University of Southern Maine

Follow this and additional works at: https://digitalcommons.usm.maine.edu/archives_catalogs



Part of the [Higher Education Commons](#)

Recommended Citation

University of Southern Maine, "University of Southern Maine Course Catalog Summer 1993" (1993).
Course Catalogs. 108.

https://digitalcommons.usm.maine.edu/archives_catalogs/108

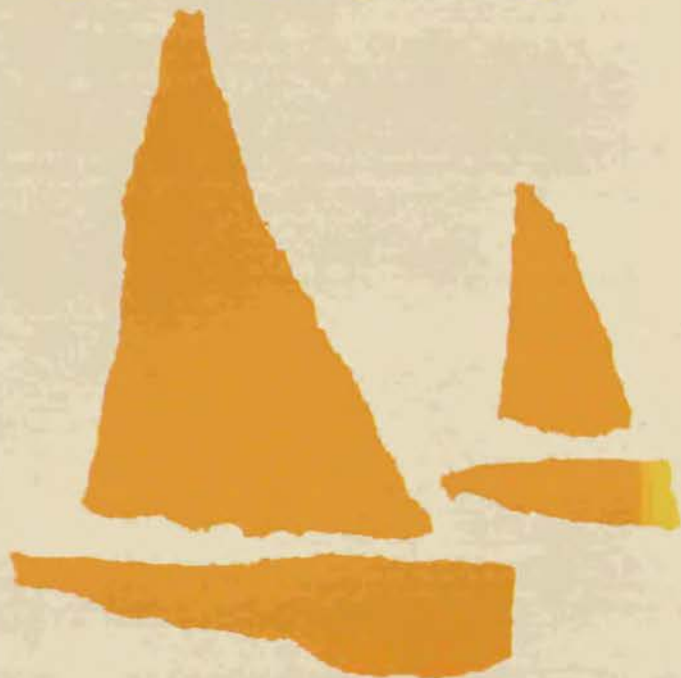
This Book is brought to you for free and open access by the University Archives at USM Digital Commons. It has been accepted for inclusion in Course Catalogs by an authorized administrator of USM Digital Commons. For more information, please contact jessica.c.hovey@maine.edu.



SUMMER

 University of Southern Maine

SESSION



1993

Vertical line on the left side of the page.

Table of Contents

Summer Information	2
University of Southern Maine	3
Registration Information	4
Tuition and Fees	5
Accommodations and Dining	6
Campus Resources and Services	7
Special Programs	8
Other USM Programs	11
Course Schedule	13
Course Descriptions	23

Directions to the Portland campus (Summer Session office, 101 Payson Smith Hall)—From either north or south, take the Maine Turnpike to I-295, exit 6B (Forest Avenue North). Turn left at the second traffic light (Falmouth Street). Park in Visitor's Lot on Falmouth Street directly after Payson Smith Hall.

Directions to the Gorham campus (Registrar's office, 113 Corthell Hall)—From either north or south, take the Maine Turnpike to Exit 8 (Portland/Westbrook). Follow signs to Gorham on Route 25 west. At Gorham center, turn right onto Route 114. Take first left onto College Avenue and first right at the USM sign. Once on campus, turn right and park in the Visitor's Lot in front of Corthell Hall.

USM does not discriminate on the basis of race, color, religion, sex, sexual orientation, national origin or citizenship status, age, disability, or veteran's status and shall comply with Section 504, Title IX, and the ADA in employment, education, and all other areas of the University. The University provides reasonable accommodations to qualified individuals with disabilities upon request. Discrimination inquiries can be directed to Sue Ellen Bordwell, 780-5171, TDD, 780-4395, or to the Office of Civil Rights, 617-223-9692.

The University of Southern Maine reserves the right to revise, amend, or change items in this catalog from time to time. Readers of this catalog should inquire as to whether any such revisions, amendments, or changes have been made since the date of publication. The University reserves the right to cancel course offerings, to set minimum size of classes, to change designated instructors in courses, and to make decisions affecting the academic standing of anyone participating in a course or program offered by the University of Southern Maine.

Summer Information 1993

Registration begins Monday, April 5 and continues through the beginning of each session.

	<u>7-Week Session</u>	<u>4-Week Session</u>	<u>6-Week Session</u>	<u>7-Week Session</u>	<u>4-Week Session</u>	<u>Variable Session</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>
	<i>May 17- July 2</i>	<i>May 17- June 11</i>	<i>June 28- August 6</i>	<i>July 6- August 20</i>	<i>July 19- August 13</i>	<i>Variable Dates</i>
Residence Halls Open	Sun., May 16 2:00 p.m.	Sun., May 16 2:00 p.m.	Sun., June 27 2:00 p.m.	Sun., June 27 2:00 p.m.	Sun., July 18 2:00 p.m.	Arranged
First Day of Classes	Mon., May 17	Mon., May 17	Mon., June 28	Tues., July 6	Mon., July 19	Variable
Last Day to ADD or Change Credit or Grade Options*	*As a general rule, students may add classes through the second class meeting					
Last Day to DROP to receive 100% tuition refund	May 14	May 14	June 25	July 2	July 16	Variable
Last Day to DROP with no grade notation	May 21	May 19	July 2	July 9	July 21	Variable
Last Day to WITHDRAW With Grade of 'W.'	June 11	June 1	July 20	July 30	August 3	Variable
Session Ends	July 2	June 11	August 6	August 20	August 13	Variable

Holidays:

University closed on Monday, May 31, Memorial Day and Monday, July 5, Independence Day

The dates shown in this calendar are subject to change at any time by official action of the University of Southern Maine.

Most offices on campus are open from 8:00 a.m. to 4:30 p.m. and will have extended hours to accommodate student registration. The offices are listed below.

- Advising Centers** • 122 Payson Smith (Portland) • 780-4040 • 103 Corthell Hall (Gorham) • 780-5340
- Department of Conferences** • 68 High Street (Portland) • 780-5960
- Financial Aid** • 202 Corthell Hall (Gorham) • 780-5250
- Graduate Education** • 118 Bailey (Gorham) • 780-5306
- Off-Campus Programs** • 301 Payson Smith (Portland) • 780-4470
- Professional Development Center** • 305 Bailey Hall (Gorham) • 780-5326
- Registrar's Office** • 113 Corthell Hall (Gorham) • 780-5230 • 101 Payson Smith Hall (Portland) • 780-4076
- Student Billing Office** • 128 Payson Smith (Portland) • 780-5200 • 110 Corthell Hall (Gorham) • 780-5200
- Student Life** • 100 Upton Hall (Gorham) • 780-5240 • Campus Center (Portland) • 780-4090
- Summer Housing** • 100 Upton Hall (Gorham) • 780-5240
- Summer Session** • 101 Payson Smith (Portland) • 780-4076

Extended Hours for Registration*

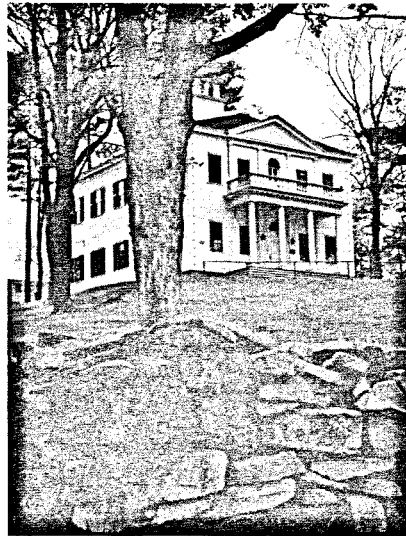
Portland Advising Center • 122 Payson Smith • May 17-18 • July 6-7 • (8:00 a.m.-7:30 p.m.)
 Summer Session Office • 101 Payson Smith • May 17-18 • July 6-7 • (8:00 a.m.-7:30 p.m.)
 Student Billing Office • 128 Payson Smith • May 17-18 • July 6-7 • (8:00 a.m.-7:30 p.m.)

University of Southern Maine

Welcome to the University of Southern Maine (USM). Our Summer Session program is designed with you in mind, with more than 350 courses, special workshops, and institutes. Whether you listen to a reading or improve your writing at the Stonecoast Writers' Conference, participate in an archaeological field program on St. John, learn about childhood psychopathologies, brush up on a language, work on your recertification, or take one more (or your first) step toward your degree, the USM Summer Session has something for you.

With a variety of sessions and flexible scheduling, Summer Session allows you the freedom to choose the mix of courses, session lengths and times which best fit your individual needs and interests. Several special programs are offered in the summer which are not available at any other time—see the Special Programs section of the catalog for information about these exciting offerings.

With registration sites located at the Portland, Gorham, and Lewiston-Auburn campuses of USM and at off-campus sites, as well as some phone-in registration dates, USM makes it easy for you to register where you want to register. Registration begins April 5. Make USM your choice this summer!



The University of Southern Maine is a coeducational, public university located in Portland, Gorham, and Lewiston-Auburn, Maine, with an enrollment of over 10,000 students during the regular academic year and over 4,500 students during the summer. The University is accredited by the New England Association of Schools and Colleges.

The campuses of USM offer a number of unique points of interest—a blend of the old and the new. On the Gorham campus, which is more than 100 years old, is the McLellan House, dating from 1773 and believed to be the oldest brick house in the

state. The Art Gallery, built in 1878, was an early Gorham town hall. Cortwell Hall was named in 1878 for the first president. The President's house was built in 1906 and is the home of the president.

Among the Portland campus buildings are the Alumni Center, the only remaining building of the Deering Estate, an eighteenth century farm; the seven story law building which houses the School of Law and many University administrative offices; and the Science Building, which houses the Southworth Planetarium, considered to be one of New England's finest planetariums.

In addition, the Intown Center at 68 High Street was the early site of Portland Children's Hospital, was later the first location of the University of Maine School of Law, and now provides a convenient location for noncredit programs, as well as a site for USM's Community Television System.

Students and visitors to campus are encouraged to take advantage of the University's ideal location. An attractive vacation area, southern Maine offers many activities for visitors in the summer. A nationally recognized orchestra, resident theatre and dance companies, an exciting art museum and picturesque shopping make the city of Portland a cultural center for the area. The surrounding lakes, mountains, and beautiful Maine coast offer a variety of recreational activities during the summer. Two coastal state parks (Crescent Beach and Two Lights) are about a half-hour's drive from either campus. To the west, Sebago Lake State Park is about a 45-minute drive from the Gorham campus.

Summer Session is part of the Office of Extended Academic Programs. Other departments include International Programs, National Student Exchange and English as a Second Language. With creative and diverse programming, all of these departments offer a variety of educational options for our students, both here and abroad.



Registration Information

Registration begins April 5, 1993

Phone-in Registration (using VISA or MasterCard only)

Students may register by telephone for undergraduate courses and graduate courses except those offered by the School of Business, Economics and Management and the School of Nursing by calling the Registration Services Office at: (207) 780-4408. Please have your card number ready. **Phone-in registration begins April 5 and will run for the following weeks only: April 5-9, May 10-14, June 21-25. Please note that the phone lines are extremely busy during the first week of registration. If you live or work close to one of the USM campuses or off-campus sites, you are encouraged to go to that site to register.**

Mail-in registrations for undergraduate and graduate courses are **not** accepted.

Undergraduate Registration

Academically qualified students may take courses in the summer, even though they have not been accepted into a degree program. Before registering, students should read carefully the course prerequisites in the course description.

Advising Academic advising for students with declared majors is available by contacting specific academic departments. Academic advising for undeclared or non-matriculated (special) students is available through the Advising Center in Payson Smith Hall on the Portland campus or the Advising Center in Corthell Hall on the Gorham campus. These centers provide academic advising to assist students in interpreting University curricula requirements and in making decisions regarding the appropriate selection of courses for which they may register.

Undergraduate Registration Procedures

Undergraduate Registration (walk-in) All students taking undergraduate courses may register in person at the Registration Services Office in Payson Smith Hall on the Portland campus, the Registrar's Office on the Gorham campus, the Lewiston-Auburn College, or any off-campus site. Students registering for courses in the School of Business, Economics and Management or the School of Nursing must register at those schools (Luther Bonney Hall and Masterton Hall, respectively). This registration may be made through the second class meeting. Please note the office hours for registration in the Summer Hours, Offices and People section of this catalog.

Graduate Registration

Students holding a baccalaureate degree may register for graduate courses (courses with a number of 500 or higher) even though they have not been accepted into a degree program, providing there is space in the course and that all course prerequisites have been satisfied. **Exception:** Due to national accreditation standards, no MBA graduate courses may be taken by individuals not meeting the "1050 rule." Contact the MBA Program for details on this restriction (780-4184).

Graduate Registration Procedures

Graduate Registration (walk-in): Students taking graduate courses may register in person at the Registrar's Office (Corthell Hall, Gorham) or Registration Services (101 Payson Smith Hall, Portland). Registrations will be processed from April 5, 1993 through the Friday preceding the beginning of each session. Please note that payment must be made at the time of registration.

Graduate Programs

Graduate Admission To be admitted to a graduate program, an applicant must have received a baccalaureate degree from an accredited college or university and must show ability to pursue advanced study and research. All applicants, except those for the MBA program, are required to provide the results of their performance on either the Graduate Record Examination or Miller Analogies Test. Applicants for the MBA program should present scores from the Graduate Management Admission Test in lieu of GRE scores or MAT scores.

An application is not considered complete until all the required transcripts, appropriate test scores, and letters of recommendation are on file. All material sent in support of an application for admission becomes the property of USM and will not be returned to the student.

For information regarding admission to any of USM's graduate programs contact:
Office of Graduate Affairs
University of Southern Maine
96 Falmouth Street
Portland, Maine 04103
(207) 780-4386

For specific program information, contact: College of Education, 780-5306; School of Business, Economics and Management, 780-4184; School of Nursing, 780-4130; School of Law, 780-4346.

General Policies Related to Undergraduate and Graduate Registration

Audits Students may register for courses on a noncredit basis. With a noncredit registration, the student may participate in classwork, but is not required to take examinations. A noncredit registrant should know, however, that state Departments of Education do not accept



for certification or other purposes any course taken on a noncredit basis. An audit registrant is required to pay full tuition for the course.

Course Cancellation The University reserves the right to cancel courses in the case of low enrollment.

Degree Applications Students who expect to complete associate, baccalaureate, or graduate degree requirements this summer should submit an Application for Degree. These forms are available in the Registrar's Office.

Failure to Withdraw Penalty Failure to submit notice of withdrawal may result in a failing grade and a financial liability. **Discussion with faculty members is not proper notification of change.** In the case of a student withdrawal after the automatic grade "W" period, the student will receive a grade designation to be determined by the instructor.

Grades and Transcripts Grade reports will be mailed to students at their home address by the Registrar in early July and late August. These grade reports represent the only notification to students of their performance in given courses.

Students who desire official documentation of work completed during a summer session must complete a Transcript Request form at the Registrar's Office. Transcripts will be updated with summer session work when a grade is received by the Registrar. The fee for a transcript to be sent outside the University of Maine System is \$3.00 per copy. There is no charge for transcripts sent within the University System. All University charges must be paid before a transcript is released.

Independent Study All courses entitled Independent Study require the use of a special advance approval form, available upon request from the Registrar's Office or the Registration Services Offices. This form must be completed in advance of registration.

Registration (Changes) Students may not add a course after the second class has met. Changes to or from pass/fail,

audit, and repeat must be done before the second class meeting. To add or drop a course or make other changes after registration is completed, the student must complete the proper forms at the Registrar's Office on the Gorham campus or the Registration Services Office on the Portland campus. All courses added must be paid for at the time of registration.

Registration for pass/fail, audit, and repeat courses must be declared by the student at the time of registration.

Registration (Late) Students in attendance at the first and/or second class meeting must complete and submit registration forms not later than the second class meeting.

Variable Credits Students wishing to register for variable credit courses must complete a Variable Credit Approval form, obtain proper approval, and specify the credit hours for which they will register.

Maine Immunization Law Current Maine State Law requires all degree students (and non-degree students taking 12 or more credit hours), and who were born on or after January 1, 1957, to show proof of immunization against measles (rubeola), rubella, mumps, tetanus, and diphtheria BEFORE the student registers for classes. Any student who has already demonstrated proof of immunization to the University of Southern Maine does NOT need to show proof again.

Educational Network of Maine

The Educational Network of Maine offers associate and baccalaureate courses via live, interactive television (one-way video and two-way audio). Network courses are available at UMA's off-campus centers in Saco/Biddeford and Sanford. In addition, these courses may be offered at Kennebunk, Massabesic, Noble, Bonney Eagle, and Wells High Schools. For a complete listing of courses by location, contact any off-campus center or the Summer Session Office.



Tuition and Fees

There are three types of tuition charged: undergraduate, graduate, and law. Tuition charges are calculated by multiplying the number of credit hours attempted by the rate established. Courses being audited are included in this calculation.

Tuition Charges Per Credit Hour (As of January 1993)

Undergraduate	
Maine Resident	\$ 89.00
Non-Resident	\$252.00
NEBHE	\$133.50
Graduate	
Maine Resident	\$116.00
Non-Resident	\$328.00
NEBHE	\$174.00
Law	
Maine Resident	\$198.00
Non-Resident	\$396.00
NEBHE	\$297.00

The tuition charged for undergraduate courses offered at Lewiston-Auburn College or the University of Maine System Centers at Bath-Brunswick, Saco-Biddeford, or Sanford is slightly lower. For more information, contact the site where the course is being offered.

Tuition rates are established by the University of Maine System Board of Trustees. The University reserves the right to adjust these charges to respond to changing costs, state and/or federal legislative action, and other matters. Such adjustment may be made any time prior to the date of final registration for a given academic term. A student acknowledges this reservation by applying for admission or registering for courses.

Technology Fee

This is a mandatory \$2.00 per credit charge. The money generated by this fee is used to purchase computer hardware and software used by students.

Some specialized courses require payment of a fee in addition to tuition and are designated in the course schedule. For information, contact the Summer Session office.

Payment Procedures

University charges are due at the time of registration. A \$25.00 late fee will be assessed if payment is not received.

Cash Cash payment may be made at the Student Billing Office or at an off-campus center. Cash should not be mailed.

Checks Checks should be made payable to the University of Southern Maine. The student's name and social security number should be shown on the check. If a check is returned for non-payment, a \$10.00 fee is charged.

Credit Cards The University accepts both MasterCard and Visa for payment of tuition and mandatory fees. The minimum allowable transaction is \$25.00.

Third Party Payments The University will bill an employer or agency that guarantees the payment of a student's charges. The employer/agency must provide written payment authorization before the student registers. Conditional payment offers cannot be accepted.

Senior Citizen Tuition Waiver

The University of Maine System Board of Trustees has authorized the waiver of tuition charges for any person age 65 or over who shows evidence of financial need. Permission to enroll is granted on a space available basis. An application for a Senior Citizen Tuition Waiver must be completed at the time of registration. Proof of age is required.

Payment Plans

Students registering prior to May 1, 1993, are eligible to participate in the University's three-payment plan. At the time of registration, the student must pay one-third of the total balance due. Subsequent payments are due on May 31, 1993 (one-half of the outstanding balance) and June 28, 1993 (remaining balance). Students electing this option are charged a \$15.00 installment payment plan fee.

Bills are mailed no less than five days in advance of the payment due date. The bill is sent to the student's local address, as shown on the Registrar's files. If payment is more than five working days late, a \$25.00 late payment fee is assessed (the late fee is charged no more than once during the summer). Students who don't make timely payment may be prohibited from using the payment plan and required to make payment in full before future registrations are accepted.

Adjustment of Charges

Students who withdraw are assessed charges in accordance with schedules established by the University of Maine System Board of Trustees. The date the Registrar receives written notification of withdrawal is used when calculating refunds. For more information, please consult the University catalog.

Refunds

Students who drop a course or withdraw from the University may receive partial refunds of tuition based upon the following schedule:

Sessions which are more than three weeks

Cancellation prior to first day of class: 100%
 Withdrawal prior to end of first week of class: 75%
 Withdrawal prior to end of second week: 50%
 Withdrawal prior to end of third week: 25%
 Withdrawal after third week: 0%

Sessions which are three weeks

Cancellation prior to first day of class: 100%

Withdrawal prior to end of first week: 50%

Withdrawal after first week: 0%

Proportional adjustments are made to charges for courses and institutes lasting less than three weeks.

University fees are not refundable.

On-Campus Accommodation Refunds

Cancellation prior to arrival

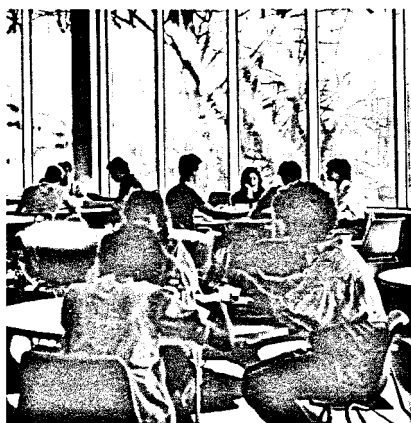
Full refund less any required deposit

Cancellation in writing after arrival but prior to mid-point of reserved stay

50% refund

Cancellation in writing, at or after mid-point

No refund



Accommodations and Dining

On-Campus Accommodations

Nightly, weekly, and entire summer accommodations are available on the Gorham campus and at Portland Hall, 645 Congress St, Portland, from May 16-August 21. Furnishings include a bed, desk, desk chair, closets, drawer space, and overhead lights. **Study lights and fans are not provided and it is recommended that you bring your own.** Major kitchen appliances are provided in Portland Hall suites. Bathrooms in Gorham are the community type and separate for men and women. All Portland Hall rooms/suites have in-unit baths. Pets are not permitted in residence halls. Health and fire regulations prohibit cooking in residence hall rooms (except Portland Hall suites). Room/suite types (e.g., singles) may be limited and assigned on a first-come, first-served basis. If you choose a double and do not specify a roommate, one may be assigned to you.

On-Campus Dining

Meals and snacks are available on both campuses. Portland Hall and the Gorham Summer Session Hall have small common kitchens for student use. Information regarding locations, schedules, and prices will be mailed to you with confirmation of your room reservation.

Reservation and Payment Policy

- Reservations for full summer—send \$75.00 nonrefundable deposit. You will be billed for the balance with your confirmation notice.
- All other reservations—send no money. You will be billed with your confirmation notice.
- All balances due at or before check-in unless a payment plan has been arranged (4-week stay or more only). Payment plan information will be sent with your confirmation.
- Confirmation notices and bills for reservations made one week or less prior to stay will be held at the Summer Housing Office on campus of residence.
- Refund Policy for on-campus accommodations can be found in the Tuition and Fees section of this catalog.

Off-Campus Dining/Lodging/Camping

For information regarding off-campus services, contact: Convention and Visitors Bureau, 305 Commercial Street, Portland, Maine.

1993 Summer Session Housing Request

Name _____ Current Address _____

Telephone _____ Birthdate _____ Soc. Sec. # _____

Physical/special needs _____ Roommate(s) Preference _____

Date of Arrival _____ Date of Departure _____ Courses/Programs planned _____

Accommodations

		Rates	Nightly	Weekly	Full Summer 5/16-8/21
<input type="checkbox"/> Portland Hall	<input type="checkbox"/> Gorham				
<input type="checkbox"/> Single	<input type="checkbox"/> Single	Single	\$ 15	\$ 90	\$ 1050
<input type="checkbox"/> Double	<input type="checkbox"/> Double	Double	\$ 12	\$ 70	\$ 875
<input type="checkbox"/> Suite (Single)*	<input type="checkbox"/> Telephone	Suite (S)	\$ 30	\$ 100	\$ 1150
<input type="checkbox"/> Suite (Double)*	<input type="checkbox"/> Linen	Suite (D)	\$ 20	\$ 80	\$ 800
<input type="checkbox"/> Suite (Triple)*		Suite (T)	\$ 10	\$ 70	\$ 700
<input type="checkbox"/> Telephone					
<input type="checkbox"/> Linen					

Linen = \$1.25/night
Telephone = \$60.00 flat fee

* Suite accommodations available in Portland only.

**Return form to: Summer Housing, University of Southern Maine, 100 Upton Hall, Gorham, Maine 04038.
Phone (207) 780-5240.**

Campus Resources and Services

Parking

All faculty/staff and summer session student vehicles not previously registered for the 1992-93 academic year must be registered and display a valid decal.

Effective May 17, 1993, the vehicle registration fee will be \$10.00. All decals expire August 31, 1993.

Vehicles may be registered at Student Billing, Payson Smith Hall on the Portland campus, and at Police and Safety, Upton Hall on the Gorham campus.

Bookstore

Both Portland and Gorham campus stores are open from 8:00 a.m. to 4:00 p.m., Monday through Friday. The stores will be open for extended hours at the beginning of several sessions. Please call to check for specific hours.

We will mail textbooks to any student who is unable to obtain textbooks within our regular business hours. There is a small handling charge for this service. Please call the Bookstore (780-4070, Portland or 780-5476, Gorham) to obtain the correct price, tax, and shipping fee, so that you may mail a check before USM Bookstores will ship the textbooks.

Please note: Textbooks for a Gorham campus course are located only in the Gorham Bookcellar, and the Portland course books are only in the Portland bookstore.

Cash refunds for texts will be made if the following conditions are met:

1. Refunds will be made for a period of one week (5 working days) from the first day of class.
2. If a course is for less than one week, refunds will be made on the first day of class only.
3. All refunds must be accompanied by the cash register receipt and by class registration materials.
4. Books must be in new, resaleable condition unless purchased as used.

Library

The University Library provides a full range of services on both campuses (Portland-Luther Bonney Hall; Gorham-Bailey Hall). Among the services available are: circulation and reserves, informational and research reference, bibliographic instruction, electronic database searching, and interlibrary borrowing.

Portland and Gorham Campuses

Monday-Thursday 8:00 a.m.-10:00 p.m.
Friday 8:00 a.m.- 5:00 p.m.
Saturday 9:00 a.m.- 5:00 p.m.
Sunday 10:00 a.m.- 6:00 p.m.

Holiday and intersession hours will be as posted or may be heard by calling 780-4507.

Educational Media Services

Portland Campus: 780-4280

Gorham Campus: 780-5356

Hours: Mon-Fri, 8:00 a.m.-4:30 p.m.

Classroom audio visual equipment needs available from 8:00 a.m. to 10:00 p.m. Weekend and special equipment needs by prior arrangements.

Academic Advising

There are two Advising Centers (one on each campus) to provide academic advising for students who are undeclared or undecided about a major, students who are "admitted with conditions," and non-degree students. The coordination of services for disabled students who have special needs also takes place in the Portland Campus Advising Center. For further information, contact the Advising Center in Payson Smith Hall on the Portland Campus (780-4040), or the Advising Center in Corthell Hall on the Gorham Campus (780-5340).

Counseling

Through a staff of professional psychologists and counselors, the Counseling office assists students with personal counseling needs. As part of these services, the office provides testing, and referral as deemed appropriate. For more information contact: Counseling, 106 Payson Smith Hall, 780-4050.

Off-Campus Centers

In its continuing effort to meet the needs of a diverse student population, the University of Maine System administers centers in Saco-Biddeford and Sanford. These centers provide easy geographic access to University courses and services. Students may register for courses taught at any USM location at either center. Students may also phone in registrations if payment is made by VISA or MasterCard. For more information, contact the center nearest you.

Saco/Biddeford Center
Mill 2, Saco Island
Saco, Me. 04072
(207)282-4111

Sanford Center
72 Pleasant Street
Springvale, Me. 04083
(207)324-6012

Financial Aid

Going to college is an important and exciting decision. It is also a decision that involves some planning to make sure that you have the resources to pay for tuition, fees, and other college-related costs. Students who do not have adequate financial resources may be eligible for financial assistance and are encouraged to contact the Student Financial Aid office on the Gorham campus. This office administers, coordinates, and recommends programs of financial aid to enable those students who lack adequate financial resources to attend USM.

Summer financial aid is available to eligible continuing students from Pell Grant and student loan programs. Limited funds are also available through the Summer College Work-Study (CWS) program. Students who are interested in applying for summer financial aid need to complete a USM Financial Aid Application available through the Student Financial Aid Office. Applicants must also submit a completed 93-94 FAFSA (Free Application for Federal Student Aid) to be processed and submit signed, 1992 federal tax returns (student's and parents when appropriate) to the Student Financial Aid Office.

To receive priority consideration for summer financial aid, the USM Financial Aid application must be received by the Student Financial Aid Office and the FAFSA must be received by the processor by February 26, 1993. Signed, 1992 federal tax returns should be received by the Student Financial Aid Office by March 30, 1993.

Application materials are available at the Student Financial Aid Office, Corthell Hall, Gorham campus, Room 115 Payson Smith Hall, Portland campus, and at all off-campus locations (Sanford Center, Saco Center, Lewiston-Auburn College). Those students interested in applying for Stafford Loans may obtain applications from local banks, credit unions and savings and loan institutions.

For more information about financial aid and the financial aid process, contact the Student Financial Aid Office, 202 Corthell Hall, Gorham campus, 780-5250.

Veterans Affairs

The Office of Veterans Affairs is staffed by a full-time veterans coordinator. Veterans should contact the office, located in 101 Payson Smith Hall, for more information. (207) 780-4043.



Special Programs

Institutes for Educators

The Professional Development Center (PDC) is the in-service arm of the College of Education at the University of Southern Maine. Its commitment is to assist educators in their quest for excellence.

In the summer, the PDC sponsors special courses and institutes to contribute to the development of educators throughout the state. The programs are designed to provide participants with new knowledge and skills. They range from one-day seminars to intensive one-week institutes to three-week courses. They carry varying types of credit: graduate academic, in-service graduate academic, and continuing education units. For information, please call (207) 780-5326.

Office Staff

Director: George Lyons

Assistant Director: Joyce Martin

Staff Associate: Carol LaMontagne

Secretary: Alicia Marcinczyk

Secretary: Pearl Wuthrich



Institutes for Educators 1993

- * Addressing the Needs of Exceptional Students
- * But What About Spelling?
- * Coping with Sudden Death in the School Setting
- * Creativity Awareness
- * Cued Speech Transliterating
- * Educational Equity: How Schools Shortchange Girls
- * Fund Raising for Educational Institutions
- * Global Dialogues
- * In Celebration of Children's Literature
- * Institute in Applied Behavior Analysis
- * Interpreting in Educational Settings
- * Math Solution K-8; 9-12; Level Two
- * Retention and Alternative Strategies
- * Teaching and Life Stories
- * Teaching with Dimensions in Learning
- * Understanding Teaching and Learning Styles
- EPD 536 Collaborative Problem Solving Across Systems
- EPD 560 Middle School & the Gifted Learner
- EPD 561 Curriculum Institute
- EPD 564 Counseling Traumatized & Disordered Children
- EPD 592 Identifying & Nurturing Multiple Talents in Gifted Students
- EPDI 501 Cooperative Learning in the School Setting
- EPDI 502 Using Mac Computer with Special Needs Students
- EPDI 517 Computer Networking: Linking Educators & Students to the Global Village
- EPDI 527 Educational Implications for the Language-Learning Disabled
- EPDI 548 Leadership Training in Experiential Education
- EPDI 585 Literacy Instruction in the Middle School
- EPDI 586 Whole Language Teaching: PS-3
- EPDI 588 Valuing Literature: Beyond Interpretation and Meaning
- EPDI 596 Law-Related Education Institute: Developing Citizen Values, Knowledge & Skills
- EPDI 597 Planning for Change in Schools

- EPDI 598 "At Risk" Children in an Holistic Curriculum (Grades 4-8)
- EPDI 599 Developing Counseling Support Groups
- EPI 501 Curriculum as a Collaborative Art
- EPI 502 Multi-Age Education
- EPI 505 Advanced HyperCard Development
- EPI 506 Family Therapy and Substance Abuse
- HRD 645 Inst. in Educational Gerontology: Aging, Death & Bereavement
- HRDX 659 Research Methods in Applied Interventions

* Use the *Request for Information* form for courses marked with an asterick. Information for all other courses is available in the College of Education course description section of this catalog.

Field Camps

Ecological and Archaeological Field Studies in the West Indies **GYA 300 or COR 132I/K** **June 14-July 12, 1993**

USM's 1993 program in the West Indies will offer two alternative opportunities for study in the West Indies. Students may register for either GYA 300 Archaeology Field School, or for COR 132 Historical Ecology. Both alternatives will involve one week of intensive classroom work on the USM campus, followed by three weeks of field study on St. John, the smallest and least developed of the U.S. Virgin Islands. Each course carries 6 credits. GYA 300 meets the fieldwork requirements for anthropology majors, but is also open to non-majors. COR 132I/K meets the USM Interdisciplinary requirement, and either the I or K requirements of the Core curriculum. There are no prerequisites for either course.

Students enrolled in GYA 300 will participate in the discovery, description, and excavation of pre-Columbian settlements, and will contribute to an inventory of resources that were available to the Native American inhabitants of the island.

Students who enroll in COR 132 will study the long-term changing relationships between humans and the island ecosystem, with attention to the contrasting experiences of Native American, European, and Afro-American peoples on St. John.

The 1993 West Indies program will be jointly taught by Dave Davis, Department of Geography/Anthropology and Thomas Knight, Department of Biology. For more information and an application, contact the Summer Session office at (207) 780-4076.

Request for Information— Professional Development Center

Name _____
 Address _____
 City _____
 State _____ Zip _____
 Interest _____

For further details and registration information for the courses indicated with (*), send this request to:
 Professional Development Center
 305 Bailey Hall
 University of Southern Maine
 Gorham, ME 04038.

Environmental Archaeology Field School in Casco Bay, Maine
GYA 300

July 26-August 20, 1993

This program is offered through USM's Department of Geography and Anthropology. The research will focus on the prehistory of the coastally adapted people and the nature of their subsistence patterns. Students will excavate Archaic (ca. 3000 B.C.) and Woodland (ca. A.D. 1500) midden deposits, map and photograph several sites, and conduct vibracore sampling of the coastal marine environments. These data will be utilized to examine the relationship between prehistoric human populations and changes and evolution of the natural ecosystem.

The archaeology field school will provide all lectures and training in the field for a four-week period. All instruction will be in the field with scheduled lab work involving material culture studies and GIS work running concurrent in the evenings. Instructors are Nathan Hamilton and Matthew Bampton. Hamilton will supervise excavations and Bampton will supervise site excavation and compilation of the GIS data base. This field work will be central to the development of a cultural resource management plan for Casco Bay. Program costs, including tuition for 6 credits, housing, meals, boat and land transportation is \$1136 for in-state students and \$2114 for out-of-state students. Enrollment is limited to 15 and is by permission. For information and application materials, contact Summer Session at (207) 780-4076.

Field Studies in Environmental Geology—Lesvos, Greece
GEY 299

July 2-26, 1993

This course will consider the basic and applied geology of the eastern Aegean Sea with emphasis on the island of Lesvos, Greece. It will provide a broad educational experience emphasizing an understanding of environmental geology as it relates to land use and development. Director: Irwin Novak, Ph.D., associate professor of geology, Department of Geosciences. For more information and application, call Summer Session at (207) 780-4076.

Readers Theatre Institute in San Diego

July 11-30, 1993

Readers Theatre is a process of arranging and presenting literature and nonfiction materials on stage, in the classroom, and wherever else audiences gather. In addition to teaching and theatre, it is gaining recognition in other fields, including the social services, for both its artistic and utilitarian uses. Readers Theatre, therefore, is an art form and a highly effective teaching methodology.

Workshop classes are Monday-Friday mornings for three weeks with afternoon, evenings, and weekends free to enjoy the cultural, historical, and recreational attractions of the area. This year, participants will be able to sample the heritage of beautiful San Diego and the ambience of old Mexico and Hollywood, both located nearby. No previous training in theatre is required. Participants with little or no background in the arts find working with experienced peers exceptionally rewarding. Workshop students come from all 50 states as well as foreign countries. Their educational levels range from high school seniors through post-doctoral study.

The course is divided into two basic areas of emphasis, Classroom and Performance, to meet the needs of teachers, undergraduate and graduate students, both professional and amateur theatre practitioners, and others including family members who seek creative growth.

RT for the classroom introduces Readers Theatre as a dynamic, highly efficient teaching tool. The skills and techniques developed by our Institute during the past 20 years are presented in simple, practical action to enable teachers of all subjects (especially Reading, Language Arts, Social Studies, Foreign Language, and Speech Communication) to become specialists in this popular innovative approach to successful teaching. Everyone is given the opportunity to create scripts, direct, perform, evaluate, and learn highly effective classroom methodologies.

RT for performance emphasizes theatre with the various styles in which texts can be shared with an audience. Those who are primarily interested in the staging dimensions of Readers Theatre will learn exciting new presentational modes which are becoming prominent throughout the world. Trevor Nunn's *Nicholas Nickleby* and Frank Galati's *Of Mice and Men* are examples of internationally celebrated commercial RT productions.

All share in General Sessions which feature performances, demonstrations, guest artists, and in-house events. Everyone is also involved in Oral Interpretation, Storytelling and Improvisational Theatre. A daily period is devoted to staff-directed productions seen on the final day.

Students have the advantage of a large and highly trained faculty as well as a series of guest lecturers which has included John Gielgud, Diana Rigg, Eva Marie Saint, Ray Bradbury, and many other important artists. Last year's session included Richard Eyre, the artistic director of the National Theatre of England. For more information and an application, contact the Summer Session office at (207) 780-4076.

Sport Psychology Institute

PSY 400

June 24-26

This is a three-day institute that will examine a number of current issues in sports psychology. Topics include: 1) psychology of the elite athlete; 2) psychosocial factors influencing competitive sport participation of young athletes; 3) mental preparation for performance optimization; 4) goal setting and athletic performance; 5) life development intervention and its application with athletes; 6) sport psychology and the professional athlete; and additional topics. Presenters will be asked to address these issues from the perspective of athlete, coach, sports professional, and parent. For more information or to register, contact the Summer Session office at (207) 780-4076.

Childhood Psychopathology

PSY 400

July 1-3, 1993

This three-day workshop will examine 1) treatment of anxiety disorders in children and adolescents; 2) clinical psychological evaluation of children; 3) social skills training with children and adolescents; 4) helping parents help their non-complaint child; 5) OSM IV Classification of childhood mental disorders; and additional topics. Intended for teachers, guidance personnel, and mental health professionals, this institute will utilize local, regional, and national experts to facilitate a discussion of theory and practice. For more information or to register, contact Summer Session at (207) 780-4076.



Kodaly Workshop

MUE 599
July 26-30

This three-credit course will examine the philosophy of the Kodaly concept of music education as adapted for the American classroom. Four areas will be explored: Kodaly methodology for elementary and middle school levels, folksong and art music examples and resources, development of musicianship through melodic and rhythmic solfege, and materials and rehearsal strategies for young choirs. Teachers will learn to create lessons which teach musical literacy in a sequential but fun manner, and to organize individual lessons into coherent long-term goals and plans. The instructor for this course is Victoria Loebell, assistant professor of theory and music education and assistant chair of music education at Hartt School of Music, University of Hartford. For more information, contact Summer Session at (207) 780-4076.

Media & Journalism

New as of summer 1993, USM is offering a selection of courses appropriate for students interested in journalism in all of its forms. These courses include: ENG 299 Magazine Feature Writing, ENG 309 Newswriting, COM 399 Electronic News Gathering, ART 399 Photographic Essay. See these departments in this catalog for course descriptions.

Stonecoast Writers' Conference

Portland Campus
July 24-August 3

The Stonecoast Writers' Conference is for students, teachers, and others seriously interested in writing who seek to improve their written work. The staff consists of generous, inspiring, and personable professional writers with distinguished experience in teaching and a substantial record of written achievement.

Please note that application for admission must be sent to: Stonecoast Writers' Conference, Summer Session, University of Southern Maine, 96 Falmouth Street, Portland, Maine, 04103. **Manuscript samples are required for admission.** For further information and application, call 780-4076.

The Courses

Creative Nonfiction Workshop
ENG 299

This is an intermediate workshop which will treat a variety of types of nonfiction including autobiographical writing, reviews, journalistic articles, and essays. Workshops will focus on voice, style,

organization, research interview techniques; will explore the boundaries between fiction and non-fiction and will discuss marketing completed manuscripts.*Cr. 3

Children's and Young Adults Fiction Workshop
ENG 299

In addition to the general principles of good fiction and emphasis on individual manuscripts, this workshop will address the special elements of all levels of children's book writing, from the board book to the young adult novel: language, tone, genres, illustrations and getting published.* Cr. 3.

Genre Writing
ENG 299

This is a new course designed to accommodate various types of genre writing, including the detective novel, horror, science fiction and fantasy. Workshops will focus on the basics of good writing—pacing, dramatic tension and character—as well as on elements of crafting particular to each genre. Attention will also be paid to marketing manuscripts. Cr. 3.

Fiction Writing: Developing Short Story Material
ENG 300F

This is for those who have already, in a course such as Creative Writing or on their own, written several pieces of fiction and are ready for more advanced work. Emphasis will be supportive rather than critical, with instruction in writing well-developed short stories and on understanding the basic elements of fiction. Suggested preparation: ENG 201F Creative Writing. Cr. 3.

Fiction Workshop: Short Stories
ENG 302F

This is an advanced course in writing fiction. Discussion of student short stories and work-in-progress will occur with emphasis on subject development, technique, plot, and publication standards. The faculty represents varied perspectives on form and style which challenge the contemporary writer. Class discussion of student stories and manuscript conferences will take place.* Cr. 3

Poetry Workshop: Poems for the Reader
ENG 303F

This is an intermediate to advanced course in which emphasis will be placed on effectively engaging the poem's emotional values, its boldness, humor, passion, or relationship to the mysteries of sadness. Class discussion will explore the initial motivation and circumstances behind a poem to clarify what the poem seeks to convey, and how well it touches the reader's emotions with fire and wit. Members of the poetry workshop may be called upon to write and revise poems as assignments.* Cr. 3.

Novel Workshop: Writing the Novel
ENG 304

This is an intermediate course designed to help novelists with the unfolding of their books. This workshop will study form and rhythm in the novel as well as plot, character, point of view, and voice. Students should submit a key chapter or scene (15-25 pages) which contains the threads of the whole book and a one-page synopsis of the book.* Cr. 3.

* A manuscript sample is required for admission.

Programs for Young People

Child Care Services

Day Program
Infant, Toddler, Preschool,
Kindergarten, and Afterschool
Ages: 6 weeks to 13 years
Dates: Year Round
Hours: 7:30 a.m.-5:30 p.m.
Locations: Portland Campus,
Intown Center-Portland, and
Gorham campus.

Full-time, part-time and hourly rates available. Waiting lists may exist in some programs.

Call USM Child Care Services at 780-4125 for more information.

Southern Maine Music Academy

July 10-18

The Southern Maine Music Academy is a nine-day program designed to provide high school musicians with opportunities for musical growth and development through intensive group and individualized instruction provided by a highly qualified staff of professional musicians. The staff includes Peter Martin, Scott Reeves and John Boden, all professors at the University of Southern Maine. For more information, contact Summer Session at 780-4076.

Camps

USM Day Camp
Ages: 6-13 years
Dates: June 28-August 20
Hours: 7:30 a.m.-5:30 p.m.
Location: Gorham campus and beyond
Transportation from the Portland campus to the Gorham campus and return is available.

Full-day, broad-based program providing hiking, crafts, swimming, nature study, sports and the arts, plus experiential learning opportunities for stimulating social and academic skills. Special programs for the 11-13-year-old group, plus a Counselor in Training Program for 14 year olds.

USM Basketball Camps

- **SWISH Basketball Camps:**
Team SWISH: June 27-July 1
Girls' SWISH: July 25-30
Boys' SWISH: August 1-6
- **SWISH Day Camps:**
June 21-25
July 26-30
August 16-20

The SWISH Basketball Camp provides top-quality instruction in all phases of basketball to boys and girls entering grades 6-12. SWISH day camps are for girls and boys ages 9-12. Each camper will receive individual, team, and group instruction featuring some of the finest high school and college coaches in New England. Directed by Al Sokaitis, men's basketball coach and Gary Fifield, women's basketball coach at the University of Southern Maine, the camps feature development of team concepts, discussion on the care and prevention of injuries, training concepts and programs, modern facilities, divisions of competition, and a positive approach to the world of basketball.

- **RISE Basketball Camps:**
Shooting Camp: June 21-23
Advanced Position Play: June 24-26
Post Play Camp: July 1-3
One-on-One Camp: July 30-August 1

For boys and girls entering grades 9-12 RISE Camps offer individuals an opportunity to improve their skills through a program designed to produce maximum results in a minimum period of time.

STIX Field Hockey Camp **Grades 9 through 12**

Dates: July 4-9

The objective of STIX Camp is to provide the highest quality instruction in all phases of field hockey to girls entering grades 9 through 12. The camp is directed by Paula Hodgdon, head field hockey coach at USM. She is supported by a staff of outstanding high school and college coaches, as well as members of the U.S. Olympic Field Hockey Team. Emphasis is placed on individual and team instruction, fair play, training concepts, and a positive approach to competition and world of field hockey.

USM Fundamental Baseball Camp **Grades 8-12**

June 20-25

Young players will learn from professionals who are dedicated to teaching and motivating young athletes. Directed by Ed Flaherty, head baseball coach at USM, the object of the camp is to provide the best possible instruction in all phases of baseball. Each player will receive individual, team, and group training in pitching, catching, infield, outfield, baserunning, and hitting.

USM Summer Soccer School **Girls' Week (grades 7-12):**

July 11-16

Boys' Week (grades 7-12):

July 18-23

Soccer Day Camp (ages 9-12):

July 26-29

In its 18th year, the USM Summer Soccer School has developed into one of the best soccer programs in New England. The camp provides progressive instruction in basic soccer techniques and tactics toward the development of young soccer players. These skills are developed through team, special group, game situations, and individualized instruction by an outstanding coaching staff comprised of both college and high school coaches from throughout the country.

Husky Hockey Camp

Ages: 9-17

July 12-16

The objective of the Husky Hockey camp is to provide local hockey players with basic fundamental instruction that will help maximize individual ability and talent. The high level of training offered at Husky Hockey is designed to foster the development of such basic skills as skating, shooting, and passing. Off ice training will be included in the program with a concentration on off-season and in-season conditioning to improve quickness, strength, and endurance.

For more information or to register...

Day Camps, contact USM Child Care Services, 780-4125.

All Other Programs, contact Department of Conferences, 780-5960.

Other USM Programs

Graduate Programs

The University of Southern Maine offers post-baccalaureate degrees in the following areas: law (through the University of Maine School of Law), education, business administration, nursing, computer science, public policy and management, electrical engineering, applied immunology, New England Studies, and statistics. For more information about any of these programs, except education and law, contact the Office of Graduate Affairs at (207) 780-4386. For more information about programs offered by the College of Education, contact the Office of Graduate Education at (207) 780-5306. For more information about the School of Law, its programs and its summer offerings, contact the School of Law, Office of the Registrar, 246 Deering Avenue, Portland, ME 04102, (207) 780-4346.

Honors Program

The Honors Program provides an enriched education to a selected group of students who are outstanding in their ability, curiosity, creativity, and motivation. Students selected for the program work closely with faculty in a series of small seminar-type courses specially designed for Honors Program students. These courses integrate knowledge from various disciplines and examine more fully than is possible in the general curriculum the ways of knowing, Western culture, and contemporary situations. Honors Program work provides a superb background for further study and will assist students in gaining admission to graduate or professional school. For more information about the Honors Program, contact: University Honors Program, University of Southern Maine, 96 Falmouth Street, Portland, ME 04103, (207) 780-4330.

Certificate Programs

Several departments within the Division of Continuing Studies offer non-credit certificate programs for professionals in several fields. For further information, please call the telephone numbers listed below:

Community Programs (780-5900)

- Certificate for Paralegals
- Certificate for Personal Computer Management
- Certificate in Conflict Management
- Certificate in Basic Computer Proficiency
- Certificate in Advanced Computer Proficiency
- Certificate in Nonprofit Development

Continuing Education for Business (780-5910)

- Certificate in Management
- Certificate in Health Care Management
- Certificate in Human Resource Management
- Certificate in Office Management
- Certificate in Supervision
- Certificate in Integrated Management

Continuing Education for Nursing and Health Professions (780-5950)

- Certificate in Nursing Leadership and Management

Lifeline Center for Fitness, Recreation, and Rehabilitation (780-4170)

- Certificate in Fitness Instruction

Small Business Development Center

SBDC provides comprehensive management and technical assistance services to Maine's small business community. It offers a wide range of resources to assist small businesses: one-on-one business counseling, a valuable library and information clearinghouse, and a range of computer related services. The SBDC also offers training, special programs, and conferences on a variety of business related subjects. For further information, contact the SBDC at (207) 780-4420.

Center for Real Estate Education

The Center for Real Estate Education, a part of the Institute for Real Estate Research and Education, offers courses necessary to obtain real estate licensure and appraisal licensure/certification in the state of Maine. Courses are also offered to meet continuing education requirements in both real estate and appraisal. All courses are provided statewide. Also available is a Certificate Program in Property Management, as well as continuing education courses for tax assessors for licensure recertification. There are additional correspondence course and video course offerings in finance, construction, investments and other related areas. For more information, write the Center for Real Estate Education, USM, 68 High St., Portland, ME 04101 or call (207) 874-6520.

Production Technology Center

The Production Technology Center is a dynamic, regional university/industry partnership. It assists firms in increasing productivity and enhancing their ability to compete successfully in a global economy. The PTC utilizes the facilities and faculty of the University of Southern Maine, as well as the expertise of private consultants and individuals from industry. It provides assistance to companies through workshops, short courses, conferences, testing, patent searches, productivity assessments and consultant referral. Non-credit technical continuing education courses are offered at various locations on USM campuses and, for interested companies, are offered in-house. Conferences and workshops are offered throughout the New England area in cooperation with departments within the University of Maine System and are endorsed by local chapters of national professional societies such as American Society of Quality Control (ASQC) and American Production and Inventory Control Society (APICS). The Production Technology Center is located

in the Technology Center on the Gorham campus. If you wish to learn more about the services provided, please stop by or call 780-5439.

Office of Public Service

The Office of Public Service is responsible for the development, coordination, and support of noncredit programming at USM. Among the units within the Division offering programs during the 1993 Summer Session are the Department of Conferences, the Department of Continuing Education for Nursing and Health Professions, the Department of Community Programs, the Department of Continuing Education for Business, and Lifeline.

Community Programs

The Department of Community Programs offers a wide variety of noncredit programs designed for adults who want to develop their minds, find new careers, add meaning to their lives, or just have fun. Late spring and summer 1993 programs include Advanced Facilitation and Advanced Mediation Skills and a variety of special events such as An Evening with Dr. Ruth and a trip to Mexico offering Spanish instruction.

We also offer computer classes for computer users of all experience levels—from novice to professional. Call us if you would like help in selecting a class.

The Department of Community Programs is located at 68 High Street. Drop by and we'll be happy to answer your questions about upcoming courses, or call 780-5900.

Lifeline

The USM Lifeline Center for Fitness, Recreation and Rehabilitation has a primary mission to help individuals and organizations in southern Maine adopt health enhancing lifestyles by providing services in exercise, rehabilitation, education, recreation, and employee wellness. Lifeline has been serving the greater Portland community since 1976. Activities are offered throughout the year for men and women, ages 14-80. They range from Walk/Jog/Aerobics to Cardiac Rehabilitation to Volleyball.

Classes are open to USM faculty, staff, and students and the general public. Application to all programs should be made in advance. For further information, call the Lifeline Customer Service Center, Monday through Friday, 8:00 a.m.-5:00 p.m. at 780-4170.

Continuing Education for Nursing and Health Professions

The Department of Continuing Education for Nursing and Health Professions provides continuing education offerings for health professionals such as nurses, pharmacists, physical therapists, occupational therapists, dietitians, respiratory therapists, and others at locations throughout Maine. Programs are offered in a variety of formats, including workshops, seminars, and evening courses. For more information, call 780-5950.

Department of Conferences

The Department of Conferences provides planning and coordination to University and community groups who wish to use the University's conference facilities and services. The Department occasionally provides workshops and seminars which bring together qualified individuals to share new information and ideas, upgrade professional skills, or to impart new techniques. The Department's conference planning and management services are extended to professional and trade associations, government agencies, private business and community groups and organizations. Programs can be conducted on either campus, or off-campus wherever an appropriate meeting site can be arranged.

Each summer the Department of Conferences offers a number of camps for junior and senior high school age students. Offerings for the summer include USM Soccer School, SWISH and RISE Basketball Camps, STIX Field Hockey Camp, and Fundamental Baseball Camp. For information about these and other conference services at USM, please call 780-5960.

Department of Continuing Education for Business

The Department of Continuing Education for Business (CEB) offers a wide variety of noncredit courses and seminars designed to meet the training needs of companies and nonprofit organizations in southern Maine. The programs include: Integrated Management, Certificate in Management, Certificate in Human Resource Management, Certificate in Supervision, and Certificate in Office Management. CEB programs and services are available for on-site delivery to meet specific needs of organizations. For additional information and printed materials, contact the Department at 68 High Street, Portland, ME 04101, or call 780-5910.

Registration Begins April 5, 1993.

Course Schedule

Session Dates

Session 1	May 17-July 2 (7 weeks)
Session 2	May 17-June 11 (4 weeks)
Session 3	June 28-August 6 (6 weeks)
Session 4	July 6-August 20 (7 weeks)
Session 5	July 19-August 13 (4 weeks)
Session 6	Variable

Schedule Legend

Each course listing contains the following information (refer to headline at top of each column): campus or off-campus location*; session number; course reference number; course number; course title; college; credit hours; time; days.

*P = Portland campus;
G = Gorham campus;
T = Saco Center;
S = Sanford Center;
L = Lewiston-Auburn College;
X = other off-campus location.

Note: Course Reference Number (CRN) contains the location and session of course (ex. G1222 = Gorham course, session 1).

* CLASSROOM ASSIGNMENTS WILL BE FOUND ON THE SCHEDULE CONFIRMATION FORMS *
* GIVEN TO STUDENTS AT TIME OF REGISTRATION. SEE ABOVE FOR SESSION DATES. *

LOC/ CRN	COURSE	TYP	TITLE	COL	CRED HRS	TIME	DAYS	INSTRUCTOR	SESSION
COLLEGE OF ARTS AND SCIENCES									
ART			ROSE MARASCO		8 ROBIE-ANDREWS HALL			(780-5460)	
G6261	AED 412	LEC	EXCEPTIONALITY-ART EDUC	AS	3.0	8:30-12:30P	MTWTFH	WILSON, TRUDY	6
THIS COURSE MEETS JULY 26 - AUGUST 6.									
P1776	ARH 111G	LEC	ART HIST:PREHIST TO MEDIEVA	AS	3.0	7:00- 9:40P	TTH	TBA	1
P4224	ARH 112G	LEC	RENAISSANCE THROUGH 20TH CE	AS	3.0	7:00- 9:40P	MW	ANDERSON, PATRICIA	4
P2427	ART 101G	LEC	APPROACHES TO ART	AS	3.0	8:15-11:30A	MTW	CODY, ROBIN	2
P2426	ART 141F	STU	FUNDAMENTAL DESIGN I	AS	3.0	8:30- 4:30P	MTW	ADSIT, ROBIN	2
P2425	ART 151F	STU	FUNDAMENTAL DRAWING I	AS	3.0	8:30- 4:30P	MTW	PARKER, GREGORY	2
G6401	ART 231	STU	CERAMICS	AS	3.0	8:30- 4:30P	MTW	CYR, ELAINE J	6
THIS COURSE MEETS JUNE 21-JULY 14 AND HAS A COURSE FEE OF \$15.00.									
P6283	ART 259	STU	LANDSCAPE DRAWING	AS	3.0	8:30- 4:30P	MTWTFHS	BURK, GEORGE	6
THIS COURSE MEETS JULY 26 - AUGUST 7.									
P6384	ART 269	STU	LANDSCAPE PAINTING	AS	3.0	8:30- 4:30P	MTWTH	RAKOVAN, LAWRENCE F	6
THIS COURSE MEETS MAY 17 - JUNE 3.									
G2428	ART 271	STU	PHOTOGRAPHY	AS	3.0	8:30- 4:30P	MTW	MEYERS, BERNARD C	2
THIS COURSE HAS A COURSE FEE OF \$15.00.									
G5414	ART 299	STU	VISUAL GRAPHICS	AS	3.0	8:30- 4:30P	MTW	KRAMER, JOHN D	5
G6302	ART 299	STU	2-D,3-D FIGURE STUDY	AS	3.0	8:30- 4:30P	MTWTH	BELL, JEFFREY D	6
THIS COURSE MEETS JUNE 28 - JULY 15.									
P6385	ART 363	STU	WATERCOLOR	AS	3.0	8:30- 4:30P	MTWTH	BEARCE, JEANA	6
THIS COURSE MEETS MAY 17 - JUNE 3.									
G5406	ART 399	STU	THE PHOTOGRAPHIC ESSAY	AS	3.0	8:30- 4:30P	MTW	MARASCO, ROSE	5
ARTS AND SCIENCES			MAURICE CHABOT		228 DEERING AVENUE			(780-4221)	
P1701	ARS 123	LEC	TOPICS IN HUMAN SEXUALITY	AS	3.0	7:00- 9:40P	TTH	MAZER, RONALD S	1
BIOLOGY			LOUIS GAINEY		408 SCIENCE BUILDING			(780-4260)	
THE FOLLOWING COURSES HAVE A COURSE FEE OF \$10.00: BIO 102K, 106K, 212, 282, 291 AND 441.									
P1702	BIO 101K	LEC	BIOLOGICAL FOUNDATIONS	AS	3.0	10:00-12:40P	MW	MAZURKIEWICZ, MICHA	1
P1703	BIO 102K	LAB	BIOLOGICAL EXPERIENCES	AS	1.0	2:00- 3:50P	MW	MAZURKIEWICZ, MICHA	1
P1705	BIO 105K	LEC	BIOLOGICAL PRINCIPLES I	AS	3.0	10:00-12:40P	TTH	GAINEY, LOUIS F	1
P1706	BIO 106K	LAB	LABORATORY BIOLOGY I	AS	1.5	1:30- 4:20P	TTH	BONANG, CLAUDE B	1
P1707	BIO 106K	LAB	LABORATORY BIOLOGY I	AS	1.5	6:00- 8:50P	TTH	BONANG, CLAUDE B	1
P1708	BIO 111	LEC	HUMAN ANATOMY & PHYSIOLOGY	AS	3.0	9:30-11:20A	TWTH	TICHENOR, LINDA	1
P4701	BIO 211	LEC	HUMAN ANATOMY & PHYSIOLOGY	AS	3.0	9:30-11:20A	TWTH	TICHENOR, LINDA	4
P4702	BIO 212	LAB	PRAC ANAT & PHYSIOLOGY	AS	1.5	12:30- 3:20P	TTH	TICHENOR, LINDA	4
P4703	BIO 212	LAB	PRAC ANAT & PHYSIOLOGY	AS	1.5	12:30- 3:20P	MW	TICHENOR, LINDA	4
P1709	BID 281	LEC	MICROBIOLOGY & HUMAN DISEAS	AS	3.0	8:15-11:30A	MW	NAJARIAN, HAIG H	1
P1710	BIO 282	LAB	MICROBIOLOGY&HUMAN DISEASE	AS	2.0	8:15-12:30P	TTH	NAJARIAN, HAIG H	1
P1711	BID 291	LEC	ORNITHOLOGY	AS	3.0	1:30- 4:10P	MW	RICIPUTI, REMO H	1
P1712	BIO 292	LAB	ORNITHOLOGY LABORATORY	AS	1.0	4:30- 7:20P	MW	RICIPUTI, REMO H	1
P1713	BIO 345	LEC	PATHOPHYSIOLOGY	AS	3.0	9:00-11:40A	TTH	O'MAHONEY-DAMON, PA	1
P6901	BIO 441	IND	PROBLEMS IN BIOLOGY	AS	VAR			TBA	6
CHEMISTRY			GALE RHODES		350 SCIENCE BUILDING			(780-4734)	
CHY 104 AND 116 HAVE A COURSE FEE OF \$15.00.									
P1714	CHY 101K	LEC	INTRO TO CHEMISTRY	AS	3.0	6:00- 8:40P	MW	TBA	1
CHY 102K NEEDED TO COMPLETE THE "K" CORE WILL BE AVAILABLE AT LEWISTON-AUBURN COLLEGE ONLY. IT IS NOT BEING OFFERED THIS SUMMER.									
P4704	CHY 103	LEC	INTRO ORGANIC BIOCHEM	AS	3.0	6:00- 8:40P	WTH	TRACY, HENRY J	4
P4705	CHY 104	LAB	INTRO ORGANIC BIOCHEM LAB	AS	1.0	5:00- 6:00P	MT	NEUWIRTH, VICTOR J	4
6:00- 8:00P MT									
P4706	CHY 104	LAB	INTRO ORGANIC BIOCHEM LAB	AS	1.0	1:00- 2:00P	TTH	NEUWIRTH, VICTOR J	4
2:00- 4:00P TTH									

LOC/ CRN	COURSE	TYP	TITLE	COL	CRE HRS	TIME	DAYS	INSTRUCTOR	SESSION
P1715	CHY 115	LEC	PRINCIPLES CHEMISTRY II	AS	3.0	5:00- 7:40P	TTH	GORDON, NANCY R	1
P1716	CHY 116	LAB	LABORATORY TECHNIQUES II	AS	1.0	1:00- 2:00P 2:00- 4:00P	MW	NEUWIRTH, VICTOR J	1
P1717	CHY 116	LAB	LABORATORY TECHNIQUES II	AS	1.0	5:00- 6:00P 6:00- 8:00P	MW	NEUWIRTH, VICTOR J	1
P6902	CHY 411	LEC	SPECIAL TOPICS	AS	VAR			RHODES, W GALE	6
P6903	CHY 412	LEC	SPECIAL TOPICS	AS	VAR			RICCI, JOHN S	6
P6906	CHY 414	LEC	SPECIAL TOPICS	AS	VAR			TRACY, HENRY J	6
P6904	CHY 415	LEC	SPECIAL TOPICS	AS	VAR			GORDON, NANCY R	6
P6905	CHY 416	LEC	SPECIAL TOPICS	AS	VAR			NEWTON, THOMAS A	6

COMMUNICATION REBECCA LOCKRIDGE 51 COLLEGE AVENUE (780-5033)

P2432	COM 102J	LEC	INTRO TO COMMUNICATION	AS	3.0	8:15-11:30A	MTW	WEST, RICHARD	2
P2433	COM 102J	LEC	INTRO TO COMMUNICATION	AS	3.0	12:30- 3:45P	MTW	KIVATISKY, RUSSELL	2
P3616	COM 280	LEC	MASS MEDIA&HUMAN INTERACTIO	AS	3.0	8:15-11:30A	TTH	LOCKRIDGE, REBECCA	3
P2434	COM 284	LEC	INTRO TO FILM	AS	3.0	12:30- 3:45P	MTW	LASKY, KATHRYN	2
P1789	COM 330	LEC	INTERPERSONAL COM THEORY	AS	3.0	4:00- 6:40P	MW	WEST, RICHARD	1
X6307	COM 370	LEC	ADV ORAL INTERPRETATION	AS	3.0			STUMP, WALTER R	6
PART OF READERS THEATRE INSTITUTE IN SAN DIEGO. THIS IS A FEE COURSE.									
THIS COURSE MEETS JULY 11-30. CONTACT SUMMER SESSION AT 780-4076.									
X6308	COM 371	LEC	READERS THEATRE	AS	3.0			STUMP, WALTER R	6
PART OF READERS THEATRE INSTITUTE IN SAN DIEGO. THIS IS A FEE COURSE.									
THIS COURSE MEETS JULY 11-30. CONTACT SUMMER SESSION AY 780-4076.									
P3618	COM 374	LEC	TELEVISION CRITICISM	AS	3.0	4:00- 7:15P	MW	METTS, C ROD	3
P2435	COM 390	LEC	GROUP & ORGANIZATIONAL COM	AS	3.0	8:15-11:30A	MTW	KIVATISKY, RUSSELL	2
P1790	COM 399	LEC	ELECTRONIC NEWS GATHERING	AS	3.0	4:00- 6:40P	TTH	LASKY, KATHRYN	1
P5407	COM 399	LEC	THEORIES OF POPULAR MUSIC	AS	3.0	12:30- 3:45P	TWTH	METTS, C ROD	5
P6296	COM 399	LEC	COMMUNICATION AND AIDS	AS	3.0	8:30-12:15P	MTWTHF	WEST, RICHARD	6
THIS COURSE MEETS JUNE 14 - 25.									
P6996	COM 430	PRA	COMMUNICATION INTERNSHIP	AS	VAR			TBA	6
P3617	COM 484	LEC	WOMEN IN FILM	AS	3.0	12:30- 3:45P	MW	LOCKRIDGE, REBECCA	3
P1787	COM 485	LEC	SEX DIFFERENCES	AS	3.0	4:00- 6:40P	MW	SHEDLETSKY, LEONARD	1
P1788	COM 485	LEC	SEX DIFFERENCES	AS	3.0	4:00- 6:40P	TTH	SHEDLETSKY, LEONARD	1
P6995	COM 494	PRA	MEDIA ARTS INTERNSHIP	AS	VAR			LASKY, KATHRYN	6
P3639	COM 499	LEC	MEDIA AND PUBLIC POLICY	AS	3.0	4:00- 7:15P	TTH	NYHAN, PAT	3
THIS COURSE IS CROSS-LISTED WITH PPM 550.OPEN TO JR/SR LEVEL ONLY.									

CORE CURRICULUM JOEL EASTMAN 325 LUTHER BONNEY HALL (780-4287)

P6228	COR 119F	LEC	ILLUMINATED AUTOBIOGRAPHY	AS	3.0	8:30-12:45P	MTWTHF	GOODALE, REBECCA	6
THIS COURSE MEETS JUNE 14 - JUNE 25.									
P6229	COR 119F	LEC	ILLUMINATED AUTOBIOGRAPHY	AS	3.0	8:30-12:45P	MTWTHF	GILBERT, DENNIS C	6
THIS COURSE MEETS JULY 12 - JULY 23.									
P2412	COR 122I	LEC	INTRO:ISLAMIC CIVILIZATION	AS	3.0	8:15-11:30A	MTW	FAKSH, MAHMUD A	2
G1732	COR 126J	LEC	GLOBAL ENLIGHTENMENT	AS	3.0	7:00- 9:40P	TTH	NANNAY, ROBERT W	1
P2413	COR 127J	LEC	THE DOCUMENTARY:SOCIAL IMPA	AS	3.0	12:30- 3:45P	MTW	COLEMAN, LOREN	2
X6599	COR 132I	LEC	HISTORICAL ECOLOGY	AS	6.0	7:00- 4:00P	MTWTHF	KNIGHT, THOMAS	6
THIS COURSE MEETS JUNE 14-JULY 12. THIS IS A FEE COURSE.									
MEETS IN ST. JOHN, VIRGIN ISLANDS.CONTACT SUMMER SESSION AT 780-4076.									
X6581	COR 132K	LEC	HISTORICAL ECOLOGY	AS	6.0	7:00- 4:00P	MTWTHF	DAVIS, DAVE D	6
THIS COURSE MEETS JUNE 14-JULY 12. THIS IS A FEE COURSE.									
MEETS IN ST. JOHN, VIRGIN ISLANDS.CONTACT SUMMER SESSION AT 780-4076.									

ENGLISH KATHLEEN ASHLEY 3K LUTHER BONNEY HALL (780-4080)

P1778	ENG 100C	LEC	COLLEGE WRITING	AS	3.0	7:00- 9:40P	TTH	SELKIN, MICHAEL	1
P2430	ENG 100C	LEC	COLLEGE WRITING	AS	3.0	8:15-11:30A	MTW	MCGRATH, FRANCIS C	2
P4738	ENG 100C	LEC	COLLEGE WRITING	AS	3.0	4:00- 6:40P	TTH	RIESENBERG, ELAINE	4
P1779	ENG 120H	LEC	INTRO TO LITERATURE	AS	3.0	4:00- 6:40P	TTH	SELKIN, MICHAEL	1
P2431	ENG 120H	LEC	INTRO TO LITERATURE	AS	3.0	8:15-11:30A	MTW	CALDWELL, JEAN M	2
P4739	ENG 120H	LEC	INTRO TO LITERATURE	AS	3.0	4:00- 6:40P	TTH	BAILEY, J	4
P3614	ENG 150	LEC	LITERATURE INTO FILM	AS	3.0	12:30- 3:45P	TTH	CHEBOWICZ, JOHN	3
P1785	ENG 201F	LEC	CREATIVE WRITING	AS	3.0	7:00- 9:40P	MW	HOPE-MCGRATH, BARBA	1
P4743	ENG 201F	LEC	CREATIVE WRITING	AS	3.0	4:00- 6:40P	MW	SHOLL, ELIZABETH	4
P1786	ENG 299	LEC	INTRO TO LIT STUDIES	AS	3.0	4:00- 6:40P	TTH	PETERS, GERALD N	1
P1780	ENG 301F	LEC	POETRY WRITING	AS	3.0	4:00- 6:40P	TTH	ROSEN, KENNETH F	1
P1781	ENG 302F	LEC	FICTION WRITING & WORKSHOP	AS	3.0	7:00- 9:40P	TTH	BENEDICT, DIANNE	1
P4741	ENG 302F	LEC	FICTION WRITING & WORKSHOP	AS	3.0	7:00- 9:40P	TTH	BENEDICT, DIANNE	4
P3615	ENG 381	LEC	COLONIAL-AMERICAN LITERATUR	AS	3.0	8:15-11:30A	MW	CARROLL, LORRAYNE A	3
P1783	ENG 394	LEC	MODERN POETRY	AS	3.0	7:00- 9:40P	TTH	ROSEN, KENNETH F	1
P1784	ENG 395	LEC	ANGLO-IRISH LITERATURE	AS	3.0	7:00- 9:40P	MW	MCGRATH, FRANCIS C	1
P4742	ENG 399	LEC	PARIS/RISE OF ANGLO-AMER LI	AS	3.0	4:00- 6:40P	TTH	SMITH, GEORGE	4

THE FOLLOWING COURSES ARE PART OF OUR NEW MEDIA AND JOURNALISM OFFERING. SEE ALSO ART 399 PHOTOGRAPHIC ESSAY & COM 399 ELECTRONIC NEWS GATHERING.

P4740	ENG 299	LEC	MAGAZINE FEATURE WRITING	AS	3.0	7:00- 9:40P	MW	LOVELL, JOHN	4
P1782	ENG 309	LEC	NEWSWRITING	AS	3.0	7:00- 9:40P	MW	URENECK, LOU	1

LOC/ CRN	COURSE	TYP	TITLE	COL	CRED HRS	TIME	DAYS	INSTRUCTOR	SESSION
THE FOLLOWING COURSES ARE PART OF THE STONECOAST WRITERS' CONFERENCE. THESE COURSES MEET JULY 24 - AUGUST 3 AND ARE FEE COURSES. CONTACT SUMMER SESSION OFFICE AT 780-4076.									
P6201	ENG 299	LEC	CHILDREN'S FICTION WORKSHOP	AS	3.0	9:30-12:15P	MTWTHF	TBA	6
P6202	ENG 299	LEC	CREATIVE NON-FICTION WKSHP	AS	3.0	9:30-12:15P	MTWTHF	TBA	6
P6207	ENG 299	LEC	GENRE WRITING	AS	3.0	9:30-12:15P	MTWTHF	TBA	6
P6203	ENG 300F	LEC	FICTION WKSHP:DEV FICTION	AS	3.0	9:30-12:15P	MTWTHF	TBA	6
P6204	ENG 302F	LEC	FICTION WRIT:SHORT STORY	AS	3.0	9:30-12:15P	MTWTHF	TBA	6
P6205	ENG 303F	LEC	POETRY WORKSHOP	AS	3.0	9:30-12:15P	MTWTHF	TBA	6
P6206	ENG 304	LEC	WRITING THE CONTEMP NOVEL	AS	3.0	9:30-12:15P	MTWTHF	TBA	6
FOREIGN LANGUAGES & CLASSICS VICKI BONEBAKKER 55 EXETER STREET (780-4290)									
P6981	CLA 470	IND	INDEPENDENT STUDY	AS	VAR			TBA	6
P6686	FRE 107I	LEC	INTENSIVE BEGIN FRENCH THIS COURSE MEETS MAY 17-JUNE 25.	AS	6.0	9:30-12:45P	MTWTHF	TBA	6
P6687	FRE 107I	LAB	INTENSIVE BEGIN FRENCH THIS COURSE MEETS MAY 17-JUNE 25.	AS	2.0	8:30- 9:15A	MTWTHF	TBA	6
P3630	FRE 207I	LEC	INTENSIVE INTERM FRENCH	AS	6.0	9:30-12:45P	MTWTHF	TBA	3
P3631	FRE 207I	LAB	INTENSIVE INTERM FRENCH	AS	2.0	8:30- 9:15A	MTWTHF	TBA	3
P6397	FRE 399	LEC	FRE LIT:ART OF ANALYSIS THIS COURSE MEETS JUNE 28 - JULY 16.	AS	3.0	8:15-11:30A	MTWTHF	DIBENEDETTO/MARCHEN	6
P6698	GER 107	LEC	INTENSIVE BEGIN GERMAN THIS COURSE MEETS JULY 6 - AUGUST 13.	AS	6.0	5:00- 8:15P	MTWTHF	REGLER-DANIELS, MAR	6
P6699	GER 107	LAB	INTENSIVE BEGIN GERMAN THIS COURSE MEETS JULY 6 - AUGUST 13.	AS	2.0	4:00- 4:45P	MTWTHF	REGLER-DANIELS, MAR	6
P5413	LAT 199	LEC	LATIN REDUX	AS	3.0	8:15-11:30A	MTWTH	FARRAND, STEPHEN	5
P6636	RUS 299	LEC	INTENSIVE INTERM RUSSIAN THIS COURSE MEETS MAY 24 - JULY 2.	AS	6.0	8:15-11:30A	MTWTHF	USHAKOVA, NATALIA	6
P6688	SPA 107I	LEC	INTENSIVE BEGIN SPANISH THIS COURSE MEETS MAY 17-JUNE 25.	AS	6.0	9:30-12:45P	MTWTHF	KINSELLA, JOHN M	6
P6689	SPA 107I	LAB	INTENSIVE BEGIN SPANISH THIS COURSE MEETS MAY 17-JUNE 25.	AS	2.0	8:30- 9:15A	MTWTHF	KINSELLA, JOHN M	6
P3634	SPA 207I	LEC	INTENSIVE INTERM SPANISH	AS	6.0	8:15-11:30A	MTWTHF	SUSCAVAGE, CHARLENE	3
P3635	SPA 207I	LAB	INTENSIVE INTERM SPANISH	AS	2.0	11:45-12:30P	MTWTHF	SUSCAVAGE, CHARLENE	3
P6399	SPA 399	LEC	SPEAKING THROUGH READING THIS COURSE MEETS JUNE 28 - JULY 16.	AS	3.0	8:15-11:30A	MTWTHF	TAYLOR, KAREN O	6
GEOGRAPHY & ANTHROPOLOGY DIANA CRADER 3000 BAILEY HALL (780-5061)									
P2424	ANT 101J	LEC	ANTHRO:THE CULTURAL VIEW	AS	3.0	8:15-11:30A	MTW	TIZON, JUDY H	2
P6677	GEO 199	LEC	INTERNATIONAL GEOGRAPHY THIS COURSE MEETS MAY 24 - JUNE 30.	AS	3.0	6:00- 9:15P	MW	URSIA, THOMAS	6
P6413	GEO 299	LEC	PHYS/CULT GEOG OF RUSSIA THIS COURSE MEETS JUNE 29-JULY 8; AUGUST 3-AUGUST 12.	AS	3.0	6:00- 9:15P	TWTH	URSIA, THOMAS	6
X6478	GYA 300	FIE	ARCH FLD SCHOOL-CASCO BAY THIS COURSE MEETS JULY 26 - AUGUST 20. THIS IS A FEE COURSE. CONTACT SUMMER SESSION AT 780-4076.	AS	6.0	7:00- 4:00P	MTWTHF	HAMILTON, NATHAN O	6
X6582	GYA 300	FIE	ARCH FLD SCHOOL-WEST INDIES THIS COURSE MEETS JUNE 14 - JULY 12. THIS IS A FEE COURSE. MEETS IN ST.JOHN,VIRGIN ISLANDS.CONTACT SUMMER SESSION AT 780-4076.	AS	6.0	7:00- 4:00P	MTWTHF	DAVIS, DAVE O	6
G6979	GYA 350	PRA	INTERNSHIP IN GEOG-ANY	AS	VAR			TBA	6
G6980	GYA 400	IND	INDEPENDENT STUDY	AS	VAR			DAVIS, DAVE O	6
GEOSCIENCES IRWIN NOVAK 211A BAILEY HALL (780-5025)									
GEY 112K AND OCE 101K HAVE A COURSE FEE OF \$10.00.									
P1718	GEY 111K	LEC	PHYSICAL GEOLOGY	AS	3.0	7:00- 9:40P	TTH	POLLOCK, STEPHEN G	1
P1719	GEY 112K	LAB	PHYSICAL GEOLOGY LAB	AS	1.0	4:00- 5:50P	TTH	POLLOCK, STEPHEN G	1
X6908	GEY 299	FIE	FLD STUDIES:ENVIRON GEOLOGY THIS COURSE MEETS JULY 2-27 IN LESVOS, GREECE. CONTACT SUMMER SESSION AT 780-4076. THIS IS A FEE COURSE.	AS	6.0	8:00- 5:00P	MTWTHF	NOVAK, IRWIN O	6
G6907	GEY 490	SEM	SEMINAR THESIS	AS	3.0			POLLOCK, STEPHEN G	6
G2401	OCE 100K	LEC	INTRO TO OCEANOGRAPHY	AS	3.0	8:15-11:30A	MTW	VOSE, MARGARET E	2
G4707	OCE 100K	LEC	INTRO TO OCEANOGRAPHY	AS	3.0	4:00- 6:40P	MW	NAIDEN, PETER C	4
G2402	OCE 101K	LAB	OCEANOGRAPHY LAB	AS	1.0	12:30- 3:45P	MTW	VOSE, MARGARET E	2
G4708	OCE 101K	LAB	OCEANOGRAPHY LAB	AS	1.0	7:00- 9:00P	MW	NAIDEN, PETER C	4
HISTORY ALFRED PADULA 520 LUTHER BONNEY HALL (780-4284)									
P1798	HTY 101I	LEC	WESTERN CIVILIZATION I	AS	3.0	7:00- 9:40P	TTH	COLE, PHILLIP A	1
P3619	HTY 101I	LEC	WESTERN CIVILIZATION I	AS	3.0	9:00-12:15P	TTH	JOHNSON, GARY	3
P4746	HTY 102I	LEC	WESTERN CIVILIZATION II	AS	3.0	7:00- 9:40P	TTH	COLE, PHILLIP A	4
G2439	HTY 131I	LEC	U.S. HISTORY TO 1877	AS	3.0	12:30- 3:45P	MTW	BARNES, DIANE NEWSO	2
P1799	HTY 131I	LEC	U.S. HISTORY TO 1877	AS	3.0	7:00- 9:40P	MW	WHITMORE, ALLAN R	1
P2437	HTY 132I	LEC	U.S. HISTORY SINCE 1877	AS	3.0	8:15-11:30A	MTW	LIMANNI, ANTHONY M	2
P4747	HTY 132I	LEC	U.S. HISTORY SINCE 1877	AS	3.0	7:00- 9:40P	MW	WHITMORE, ALLAN R	4
G1701	HTY 162I	LEC	AFRICA SINCE PARTITION	AS	3.0	4:00- 6:40P	MW	SCHLEH, EUGENE P A	1

LOC/ CRN	COURSE	TYP	TITLE	COL	CRED HRS	TIME	DAYS	INSTRUCTOR	SESSION
P6999	HTY 300	PRA	HISTORY INTERNSHIP	AS	VAR			EASTMAN, JOEL W	6
P5412	HTY 316	LEC	FRENCH REVOLUT & NAPOLEON	AS	3.0	8:15-11:30A	MTW	VENTRESCO, FIORELLO	5
P2438	HTY 360	LEC	HISTORY OF MAINE	AS	3.0	8:15-11:30A	MTW	YORK, ROBERT M	2
P3638	HTY 364	LEC	HISTORY OF WOMEN IN THE U S	AS	3.0	12:30- 3:45P	MW	EAGAN, EILEEN M	3
P3620	HTY 394	LEC	JUDAISM, CHRISTIANITY & ISLA	AS	3.0	6:00- 9:15P	MW	JOHNSON, GARY	3
P3621	HTY 399	LEC	SPORT IN AMERICAN CULTURE	AS	3.0	8:15-11:30A	MW	POPE, STEVEN W	3
P6601	HTY 399	LEC	THE VIETNAM WAR	AS	3.0	6:00- 9:30P	TTH	GOLDSTEIN, JONATHAN	6
THIS COURSE MEETS JULY 20 - AUGUST 19.									
P6402	HTY 434	LEC	MAINE HISTORY AND TRAVEL	AS	3.0			YORK, ROBERT M	6
THIS COURSE MEETS JUNE 28, JULY 9, 16 AND 23, 1-5PM; JULY 10, 17 AND 24, 8:30AM-5:00PM.									
P6403	HTY 534	LEC	MAINE HISTORY AND TRAVEL	AS	3.0			YORK, ROBERT M	6
THIS COURSE MEETS JUNE 28, JULY 9, 16, AND 23, 1-5PM; JULY 10, 17, AND 24, 8:30AM-5:00PM.									
LINGUISTICS			WAYNE COWART		59 EXETER STREET			(780-4477)	
P1720	LIN 112E	LEC	ANALYZING LANGUAGE	AS	3.0	4:00- 6:40P	MW	MCDANIEL, DANA	1
P3601	LIN 201J	LEC	CHILD LANGUAGE	AS	3.0	8:15-11:30A	TTH	MCDANIEL, DANA	3
P6909	LIN 498	THE	THESIS	AS	VAR			COWART, WAYNE	6
P6910	LIN 498	THE	THESIS	AS	VAR			MCDANIEL, DANA	6
MATHEMATICS			JOEL IRISH		115 BAILEY HALL			(780-5360)	
P1745	MAT 010	LEC	ELEMENTARY ALGEBRA	AS	3.0	4:00- 6:40P	MW	SOYCHAK, ANTHONY G	1
P4719	MAT 010	LEC	ELEMENTARY ALGEBRA	AS	3.0	4:00- 6:40P	MW	SOYCHAK, ANTHONY G	4
P1746	MAT 011B	LEC	INTERMEDIATE ALGEBRA	AS	3.0	7:00- 9:40P	TTH	MACDONALD, JOAN E	1
P4720	MAT 011B	LEC	INTERMEDIATE ALGEBRA	AS	3.0	4:00- 6:40P	TTH	IRISH, JOEL W	4
TO ENROLL IN A 100-LEVEL, D-DESIGNATED COURSE, SUCCESSFUL COMPLETION OF THE UNIVERSITY'S MATHEMATICS PROFICIENCY IS REQUIRED.									
P1747	MAT 1000	LEC	COLLEGE ALGEBRA	AS	3.0	4:00- 6:40P	MW	KRATZER, RICHARD O	1
P3603	MAT 1000	LEC	COLLEGE ALGEBRA	AS	3.0	8:15-11:30A	MW	MAINVILLE, WALDECK	3
P4721	MAT 1000	LEC	COLLEGE ALGEBRA	AS	3.0	7:00- 9:40P	TTH	NARANG, KAMAL	4
P1748	MAT 105D	LEC	MATH FOR QUANT DEC MAKING	AS	3.0	4:00- 6:40P	MW	ESTES, ROBERT A	1
P4722	MAT 105D	LEC	MATH FOR QUANT DEC MAKING	AS	3.0	4:00- 6:40P	TTH	NARANG, KAMAL	4
P1749	MAT 1100	LEC	BUSINESS CALCULUS	AS	3.0	7:00- 9:40P	TTH	GUAY, MERLE D	1
P3611	MAT 1100	LEC	BUSINESS CALCULUS	AS	3.0	8:15-11:30A	TTH	MAINVILLE, WALDECK	3
P1750	MAT 1200	LEC	INTRO TO STATISTICS	AS	3.0	7:00- 9:40P	MW	KRATZER, RICHARD O	1
P2420	MAT 1200	LEC	INTRO TO STATISTICS	AS	3.0	12:30- 3:45P	MTW	ESTES, ROBERT A	2
P4723	MAT 1200	LEC	INTRO TO STATISTICS	AS	3.0	7:00- 9:40P	MW	GUPTA, SAT N	4
P1751	MAT 1400	LEC	PRE-CALCULUS MATHEMATICS	AS	3.0	4:00- 6:40P	TTH	GUAY, MERLE D	1
P4724	MAT 1400	LEC	PRE-CALCULUS MATHEMATICS	AS	3.0	4:00- 6:40P	MW	MACDONALD, STEPHEN	4
P1752	MAT 152D	LEC	CALCULUS A	AS	4.0	4:00- 6:15P	TWTH	IRISH, JOEL W	1
P4725	MAT 152D	LEC	CALCULUS A	AS	4.0	4:00- 6:15P	TWTH	IRISH, JOEL W	4
P4726	MAT 153	LEC	CALCULUS B	AS	4.0	7:00- 9:15P	MWTH	MACDONALD, STEPHEN	4
P1753	MAT 211	LEC	PROBABILITY	AS	3.0	7:00- 9:40P	MW	GUPTA, BHISHAM C	1
P1756	MAT 211	LEC	PROBABILITY	AS	3.0	7:00- 9:40P	TTH	GUPTA, BHISHAM C	1
P4727	MAT 211	LEC	PROBABILITY	AS	3.0	4:00- 6:40P	TTH	EL-TAHA, MUHAMMAD A	4
P1754	MAT 212	LEC	STATISTICS	AS	3.0	7:00- 9:40P	MW	UDDIN, NIZAM	1
P4728	MAT 212	LEC	STATISTICS	AS	3.0	7:00- 9:40P	TTH	EL-TAHA, MUHAMMAD A	4
P1755	MAT 252	LEC	CALCULUS C	AS	4.0	8:00- 9:40A	MTTHF	CHABOT, MAURICE J	1
P4729	MAT 381	LEC	INTRO PROBABILITY & STATIST	AS	4.0	4:30- 6:45P	MWTH	GUPTA, SAT N	4
P6450	MME 514	LEC	LAB:PROJ ASPIRE CALCULUS II	AS	3.0	10:15-12:15P	MTTHF	CHABOT, MAURICE J	6
THIS COURSE MEETS JULY 6 - JULY 30.									
P6451	MME 520	LEC	TEACH CALCULUS IN SEC SCH I	AS	3.0	8:00-10:00A	MTTHF	CHABOT, MAURICE J	6
THIS COURSE MEETS JULY 6 - JULY 30.									
MUSIC			RONALD COLE		102 CORTHELL HALL			(780-5267)	
G6103	MUE 599	LEC	INTRO TO KODALY METHODS/MAT	AS	3.0	8:00- 4:30P	MTWTHF	LOEBELL, VICTORIA	6
THIS COURSE MEETS JULY 26 - JULY 30.									
P4737	MUS 100G	LEC	MUSIC APPREC AND HISTORY	AS	3.0	7:00- 9:40P	MW	TBA	4
G2429	MUS 103G	LEC	INTRODUCTION TO JAZZ	AS	3.0	12:30- 3:45P	MTW	REEVES, SCOTT D	2
P1777	MUS 110F	LEC	FUNDAMENTALS OF MUSIC	AS	3.0	7:00- 9:40P	TTH	MARTIN, PETER J	1
NEW ENGLAND STUDIES			JOSEPH CONFORTI		11 GRANITE STREET			(780-4920)	
P1696	NES 644	LEC	20TH CENT N.E. POLITICS	AS	3.0	7:00- 9:40P	TTH	MAIMAN, RICHARD J	1
THIS COURSE IS CROSS-LISTED WITH POS 499.									
P6948	NES 690	IND	PROJECT I	AS	VAR			TBA	6
P6949	NES 695	THE	THESIS	AS	VAR			TBA	6
PHILOSOPHY			ROBERT LOUDEN		47 EXETER STREET			(780-4258)	
P1793	PHI 106E	LEC	INTRO:WHY PHILOSOPHIZE ?	AS	3.0	4:00- 6:40P	MW	TOUGAS, CECILE	1
P4744	PHI 109E	LEC	LAW POLITICS AND SOCIETY	AS	3.0	7:00- 9:40P	MW	BIGGIE, DENNIS	4
P4745	PHI 109E	LEC	LAW POLITICS AND SOCIETY	AS	3.0	7:00- 9:40P	TTH	BIGGIE, DENNIS	4

LOC/ CRN	COURSE	TYP	TITLE	COL	CRED HRS	TIME	DAYS	INSTRUCTOR	SESSION
P5411	PHI 109E	LEC	LAW POLITICS AND SOCIETY	AS	3.0	12:30- 3:45P	MTW	BIGGIE, DENNIS	5
P2436	PHI 199E	LEC	INTRO:WISDOM	AS	3.0	8:15-11:30A	MTW	CAFFENTZIS, GEORGE	2
PHYSICS			ROBERT COAKLEY		254 SCIENCE BUILDING (780-4733)				
P1721	AST 100K	LEC	ASTRONOMY	AS	3.0	7:00- 9:40P	MW	LASALA, GERALD J	1
P1722	AST 103K	LAB	ASTRONOMY:EXERCISES & EXPER	AS	1.0	7:00- 9:40P	TH	LASALA, GERALD J	1
P1723	PHY 111K	LEC	ELEMENTS OF PHYSICS I	AS	4.0	9:00-11:45A	MWTH	LASALA, GERALD J	1
P1724	PHY 111K	LAB	ELEMENTS OF PHYSICS I	AS	0.0	9:00-12:00P	T	LASALA, GERALD J	1
P1725	PHY 111K	LAB	ELEMENTS OF PHYSICS I	AS	0.0	12:30- 3:30P	T	LASALA, GERALD J	1
P4709	PHY 112	LEC	ELEMENTS OF PHYSICS II	AS	4.0	9:00-11:45A	MWTH	COAKLEY, ROBERT W	4
CLASS WILL BEGIN MONDAY, JULY 12 (NO CLASS: JULY 7,8).									
P4710	PHY 112	LAB	ELEMENTS OF PHYSICS II	AS	0.0	9:00-12:00P	T	COAKLEY, ROBERT W	4
CLASS WILL NOT MEET ON JULY 6.									
P4711	PHY 112	LAB	ELEMENTS OF PHYSICS II	AS	0.0	12:30- 3:30P	T	COAKLEY, ROBERT W	4
CLASS WILL NOT MEET ON JULY 6.									
P1726	PHY 123	LEC	GENERAL PHYSICS II	AS	4.0	7:00- 9:40P	MWTH	COAKLEY, ROBERT W	1
POLITICAL SCIENCE			JAMES ROBERTS		126 BEDFORD STREET (780-4194)				
P5408	POS 101J	LEC	INTRO TO AMER GOVERNMENT	AS	3.0	8:15-11:30A	MTW	WOSHINSKY, OLIVER H	5
P2423	POS 102J	LEC	PEOPLE AND POLITICS	AS	3.0	8:15-11:30A	MTW	MAIMAN, RICHARD J	2
P2422	POS 120	LEC	GOVT AND POLS OF MAINE	AS	3.0	12:30- 3:45P	MTW	COOGAN, WILLIAM	2
P6975	POS 356	PRA	WASHINGTON INTERNSHIP	AS	VAR			COOGAN, WILLIAM	6
P1695	POS 499	LEC	20TH CENT N.E. POLITICS	AS	3.0	7:00- 9:40P	TTH	MAIMAN, RICHARD J	1
THIS COURSE IS CROSS-LISTED WITH NES 644.									
PSYCHOLOGY			JOSEPH HEARNS		514 SCIENCE BUILDING (780-4252)				
P1727	PSY 101J	LEC	GENERAL PSYCHOLOGY I	AS	3.0	7:00- 9:40P	TTH	SYTSMA, DONALD	1
P2403	PSY 101J	LEC	GENERAL PSYCHOLOGY I	AS	3.0	8:15-11:30A	MTW	SYTSMA, DONALD	2
P3602	PSY 101J	LEC	GENERAL PSYCHOLOGY I	AS	3.0	8:15-11:30A	MW	BROWN, SCOTT W	3
P5401	PSY 101J	LEC	GENERAL PSYCHOLOGY I	AS	3.0	8:15-11:30A	MTW	BROIDA, JOHN P	5
P1728	PSY 102	LEC	GENERAL PSYCHOLOGY II	AS	3.0	4:00- 6:40P	MW	GAYTON, WILLIAM F	1
P1730	PSY 311	LEC	INDUSTRIAL PSYCHOLOGY	AS	3.0	4:00- 6:40P	MW	HEARNS, JOSEPH F	1
P2405	PSY 330	LEC	SOCIAL PSYCHOLOGY	AS	3.0	12:30- 3:45P	MTW	THORNTON, WILLIAM	2
P1729	PSY 333	LEC	PSYCHOPATHOLOGY	AS	3.0	4:00- 6:40P	TTH	GAYTON, WILLIAM F	1
P2404	PSY 361	LEC	SENSATION & PERCEPTION	AS	3.0	8:15-11:30A	MTW	HEARNS, JOSEPH F	2
P4717	PSY 365	LEC	PHYSIOLOGICAL PSYCHOLOGY	AS	3.0	4:00- 6:40P	TTH	BROIDA, JOHN P	4
P6116	PSY 400	LEC	SPORT PSYCHOLOGY	AS	3.0	9:00- 4:30P	THFS	GAYTON, WILLIAM F	6
THIS COURSE MEETS JUNE 24-26. THIS IS A FEE COURSE. CONTACT SUMMER SESSION AT 780-4076.									
P6117	PSY 400	LEC	CHILDHOOD PSYCHOPATHOLOGY	AS	3.0	9:00- 4:30P	THFS	GAYTON, WILLIAM F	6
THIS COURSE MEETS JULY 1-3. THIS IS A FEE COURSE. CONTACT SUMMER SESSION AT 780-4076.									
P6911	PSY 400	IND	INDEPENDENT STUDY	AS	VAR			GAYTON, WILLIAM F	6
P6912	PSY 400	IND	INDEPENDENT STUDY	AS	VAR			BROIDA, JOHN P	6
P6913	PSY 400	IND	INDEPENDENT STUDY	AS	VAR			THORNTON, WILLIAM	6
P6914	PSY 400	IND	INDEPENDENT STUDY	AS	VAR			HUTT, MICHELLE	6
P6915	PSY 401	IND	INDEPENDENT STUDY	AS	VAR			GAYTON, WILLIAM F	6
SOCIAL WORK			VINCENT FAHERTY		319 MASTERTON HALL (780-4120)				
P1685	SWO 388	LEC	SUBSTANCE USE AND ABUSE	AS	3.0	4:00- 6:40P	TTH	ABLE, NANCY	1
P6997	SWO 397	IND	INDEPENDENT STUDY	AS	VAR			FAHERTY, VINCENT E	6
SOCIOLOGY AND CRIMINOLOGY			DAVID FULLAM		120 BEDFORD STREET (780-4100)				
P2406	CRM 215J	LEC	CRIMINOLOGY	AS	3.0	8:15-11:30A	MTW	ANSPACH, DONALD F	2
P6418	CRM 216	LEC	WHITE COLLAR CRIME	AS	3.0	12:00- 3:15P	MTW	MESSERSCHMIDT, JAME	6
THIS COURSE MEETS JUNE 14 - JULY 7.CROSS-LISTED WITH SOC 216.									
P6419	CRM 317	LEC	GENDER AND CRIME	AS	3.0	8:00-11:15A	MTW	MESSERSCHMIDT, JAME	6
THIS COURSE MEETS JUNE 14 - JULY 7.CROSS-LISTED WITH SOC 317.									
P2407	SOC 100J	LEC	INTRODUCTION TO SOCIOLOGY	AS	3.0	12:30- 3:45P	MTW	BJELIC, DUSAN	2
P4750	SOC 100J	LEC	INTRODUCTION TO SOCIOLOGY	AS	3.0	4:00- 6:40P	TTH	BIRD, DONNA	4
P5403	SOC 100J	LEC	INTRODUCTION TO SOCIOLOGY	AS	3.0	1:00- 4:15P	MTW	PERRY, BARBARA	5
P2408	SOC 215J	LEC	CRIMINOLOGY	AS	3.0	8:15-11:30A	MTW	ANSPACH, DONALD F	2
P6420	SOC 216	LEC	WHITE COLLAR CRIME	AS	3.0	12:00- 3:15P	MTW	MESSERSCHMIDT, JAME	6
THIS COURSE MEETS JUNE 14 - JULY 7.CROSS-LISTED WITH CRM 216.									
P2443	SOC 311	LEC	SOCIAL CHANGE-EASTERN EUROP	AS	3.0	8:15-11:30A	MTW	BJELIC, DUSAN	2
P6421	SOC 317	LEC	GENDER AND CRIME	AS	3.0	8:00-11:15A	MTW	MESSERSCHMIDT, JAME	6
THIS COURSE MEETS JUNE 14 - JULY 7.CROSS-LISTED WITH CRM 317.									
P5404	SOC 337	LEC	JUVENILE JUSTICE	AS	3.0	9:00-12:15P	MTW	PERRY, BARBARA	5
P3604	SOC 358	LEC	SOCIOLOGY OF WOMEN'S WORK	AS	3.0	12:30- 3:45P	MW	LAZ, CHERYL	3
P2410	SOC 374	LEC	MENTAL HEALTH-MENTAL ILLNES	AS	3.0	12:30- 3:45P	MTW	ANSPACH, DONALD F	2
P6922	SOC 390	IND	INDIVIDUAL INSTRUCTION I	AS	VAR			FULLAM, DAVID C	6

LOC/ CRN	COURSE	TYP	TITLE	COL	CRD HRS	TIME	DAYS	INSTRUCTOR	SESSION
THEATRE			SUSAN PICINICH		RUSSELL HALL (780-5197)				
P4712	THE 101G	LEC	INTRODUCTION TO DRAMA	AS	3.0	4:00- 6:40P	TTH	PICINICH, SUSAN E	4
P5405	THE 102F	LEC	ACTING:PERFORMANCE	AS	3.0	12:30- 3:45P	MTW	KILROY, WILLIAM	5
P1731	THE 170F	LEC	PUBLIC SPEAKING	AS	3.0	4:00- 6:40P	TTH	POWER, THOMAS A	1
P2411	THE 170F	LEC	PUBLIC SPEAKING	AS	3.0	8:15-11:30A	MTW	ROOTES, MINOR	2
P3605	THE 170F	LEC	PUBLIC SPEAKING	AS	3.0	12:30- 3:45P	MW	KINNE, CHRISTENIA	3
P4713	THE 170F	LEC	PUBLIC SPEAKING	AS	3.0	7:00- 9:40P	TTH	STEELE, WILLIAM P	4
G6926	THE 398	PRA	THEATRE INTERNSHIP	AS	VAR			TBA	6
THE THEATRE COURSES BELOW MEET JULY 11-30 AND ARE PART OF THE READERS THEATRE PROGRAM IN SAN DIEGO. THEY ARE FEE COURSES. CONTACT SUMMER SESSION AT (207) 780-4076 FOR MORE INFORMATION.									
X6323	THE 270F	LEC	ORAL INTERPRETATION	AS	3.0			STUMP, WALTER R	6
X6324	THE 370	LEC	ADVANCED ORAL INTERPRETATIO	AS	3.0			STUMP, WALTER R	6
X6325	THE 371	LEC	READER'S THEATRE	AS	3.0			STUMP, WALTER R	6
X6327	THE 599	LEC	TOPICS IN READERS THEATRE	AS	6.0			STUMP, WALTER R	6
WOMEN'S STUDIES			DIANA LONG		94 BEDFORD STREET (780-4289)				
P2440	WST 299	LEC	POLITICS OF DIFFERENCE	AS	3.0	8:15-11:30A	MTW	WININGER, KATHLEEN	2
FORMER TITLE: RACE/ETHNICITY, SEXUALITY/GENDER									
SCHOOL OF BUSINESS, ECONOMICS, AND MANAGEMENT									
ACCOUNTING			D BRADLEE HODSON		118 BEDFORD STREET (780-4750)				
P1744	ACC 201	LEC	PRINCIPLES FINANCIAL ACCOUN	BU	3.0	4:00- 6:40P	TTH	VIOLETTE, GEORGE R	1
P2418	ACC 201	LEC	PRINCIPLES FINANCIAL ACCOUN	BU	3.0	12:30- 3:45P	MTW	POTTS, ANDREW	2
P3610	ACC 202	LEC	PRINCIPLES OF MANAGEMENT AC	BU	3.0	8:15-11:30A	TTH	KNAUB, JUDY KETCHAM	3
P6544	ACC 202	LEC	PRINCIPLES OF MANAGEMENT AC	BU	3.0	12:30- 3:45P	MTW	POTTS, ANDREW	6
THIS COURSE MEETS JULY 7 - AUGUST 9.									
P6945	ACC 395	PRA	INTERNSHIP I	BU	VAR			HODSON, D BRADLEE	6
P6946	ACC 396	PRA	INTERNSHIP II	BU	VAR			HODSON, D BRADLEE	6
P6947	ACC 490	IND	INDEPENDENT READ&RESEARCH	BU	VAR			HODSON, D BRADLEE	6
BUSINESS			RAYMOND NEVEU		222 LUTHER BONNEY HALL (780-4307)				
P1733	BUS 280	LEC	LEGAL ENVIRON OF BUSINESS	BU	3.0	7:00- 9:40P	MW	PERSONS, ALICE N	1
P6435	BUS 327	LEC	INVESTMENT MANAGEMENT	BU	3.0	12:30- 3:45P	MTW	GALLO, JOHN G	6
THIS COURSE MEETS MAY 24 - JUNE 18.									
P3607	BUS 340	LEC	PRINCIPLES OF MANAGEMENT	BU	3.0	8:15-11:30A	TTH	CLAREY, RICHARD J	3
P1734	BUS 346	LEC	PERSONNEL MANAGEMENT	BU	3.0	4:00- 6:40P	MW	GROVER, RICHARD A	1
P6937	BUS 395	FIE	INTERNSHIP I	BU	VAR			GROVER, RICHARD A	6
P6938	BUS 396	FIE	INTERNSHIP II	BU	VAR			GROVER, RICHARD A	6
P2416	BUS 450	LEC	BUSINESS MGT AND POLICY	BU	3.0	8:15-11:30A	MTW	VOYER, JOHN J	2
P6436	BUS 450	LEC	BUSINESS MGT AND POLICY	BU	3.0	8:15-11:30A	MTW	LYNCH, JOHN	6
THIS COURSE MEETS JULY 26 - AUGUST 18.									
P3608	BUS 452	LEC	ORGANIZATIONAL BEHAVIOR	BU	3.0	8:15-11:30A	MW	BERRIDGE, JOHN	3
P6939	BUS 490	IND	INDEPENDENT READ&RESEARCH	BU	VAR			NEVEU, RAYMOND	6
P6942	MBA 610	LEC	MANAGERIAL ECONOMICS	BU	3.0	7:00-10:00P	W	NORTON, RONALD	6
THIS COURSE MEETS MAY 19 - AUGUST 18.									
P4715	MBA 627	LEC	INVESTMENT MANAGEMENT	BU	3.0	4:00- 7:15P	MW	GALLO, JOHN G	4
P3609	MBA 645	LEC	INTERNATIONAL BUSINESS	BU	3.0	6:30-10:00P	TTH	SANDERS, THOMAS B	3
P1735	MBA 651	LEC	INDUST RELAT & PERSON MGMT	BU	3.0	7:00-10:15P	MW	GROVER, RICHARD A	1
P6941	MBA 691	IND	INDEPENDENT STUDY	BU	VAR			VOYER, JOHN J	6
ASSOCIATE BUSINESS PROGRAM			FREDERIC AIELLO		214 LUTHER BONNEY HALL (780-4302)				
P1740	ABU 101	LEC	PRINC OF ECONOMICS I	BU	3.0	7:00- 9:40P	TTH	MCKEIL, RICHARD L	1
P2417	ABU 111	LEC	PRINC OF FINANCIAL ACCT I	BU	3.0	8:15-11:30A	MTW	SANDERS, JOHN	2
P1742	ABU 220	LEC	INTRO TO BUSINESS FINANCE	BU	3.0	7:00- 9:40P	MW	GOLD, JOEL I	1
P1741	ABU 221	LEC	PRINC OF REAL ESTATE	BU	4.0	4:00- 6:45P	TTH	KUCSMA, MICHAEL C	1
THIS COURSE WILL MEET FOR THREE ADDITIONAL MEETINGS TO BE DECIDED ON THE FIRST DAY OF CLASS.									
P1743	ABU 227	LEC	INTRO TO STOCKS AND BONDS	BU	3.0	7:00- 9:40P	TTH	GOLD, JOEL I	1
ECONOMICS									
P1736	ECO 201J	LEC	PRINC OF ECONOMICS I	BU	3.0	7:00- 9:40P	TTH	PHILLIPS, WILLIAM A	1
P1737	ECO 202J	LEC	PRINC OF ECONOMICS II	BU	3.0	7:00- 9:40P	MW	MCKEIL, RICHARD L	1
P4716	ECO 310	LEC	MONEY AND BANKING	BU	3.0	4:00- 6:40P	MW	BAY, JOHN W	4
P1738	ECO 360	LEC	ECONOMIC DEVELOPMENT	BU	3.0	7:00- 9:40P	MW	MEDLEY, JOSEPH E	1
P1739	ECO 370	LEC	INTERNATIONAL ECONOMICS	BU	3.0	4:00- 6:40P	TTH	PHILLIPS, WILLIAM A	1
P6943	ECO 490	IND	INDEPENDENT READ & RESEARCH	BU	VAR			TBA	6

LOC/ CRN	COURSE	TYP	TITLE	COL	CRED HRS	TIME	DAYS	INSTRUCTOR	SESSION
COLLEGE OF EDUCATION									
PROFESSIONAL EDUCATION			CHARLES LYONS		407 BAILEY HALL (780-5301)				
G2441	EDU 200	LEC	STUDIES-EDUC FOUNDATIONS	ED	3.0	12:30- 3:45P	MTW	COLUCCI, NICHOLAS D	2
G2442	EDU 210	LEC	THEORETICAL FOUND LEARN	ED	3.0	8:15-11:30A	MTW	MORRILL, DAVID	2
G1726	EDU 308	LEC	SCIENCE FOR CHILDREN	ED	3.0	4:00- 6:40P	TTH	HOWICK, THOMAS	1
G6937	EDU 323	IND	INDEPENDENT STUDY	ED	VAR			LYONS, CHARLES M	6
G2445	EDU 335	LEC	EXCEPT STUDENT IN CLASSROOM	ED	3.0	4:00- 7:15P	MTW	KIMBALL, WALTER H	2
P1688	EDU 336	LEC	CHILDREN'S LITERATURE	ED	3.0	4:00- 6:40P	MW	JENKS, CAROLYN	1
G2443	EDU 358	LEC	TEACH SOCIAL STUDIES ELEM S	ED	3.0	12:30- 3:45P	MTW	MAJOR, CHERIE R	2
G3627	EDU 360	LEC	COMPUTERS IN EDUCATION	ED	3.0	8:15-11:30A	MW	WRIGHT, JOAN G	3
G6942	PHE 102	PE	INDEPENDENT ACTIVITIES	ED	VAR			TBA	6
G2444	PHE 304	LEC	HEALTH & PE ELEM TEACHER	ED	3.0	8:15-11:30A	MTW	ZIMMERMAN, JEAN	2
X6139	PHE 325	LEC	WORKSHOP IN EXPER EDUC	ED	3.0	9:00- 4:00P	MTWTF	BOUCHARD, JOEY A	6
THIS COURSE HAS A COURSE FEE OF \$50.00 AND MEETS MAY 17-21,9AM-4PM.									
THIS COURSE MEETS AT WOLFE'S NECK FARM.									
X6140	PHE 325	LEC	WORKSHOP IN EXPER EDUC	ED	3.0	9:00- 4:00P	MTWTF	BOUCHARD, JOEY A	6
THIS COURSE HAS A COURSE FEE OF \$50.00 AND MEETS MAY 24-28,9AM-4PM.									
THIS COURSE MEETS AT WOLFE'S NECK FARM.									
PROFESSIONAL EDUCATION			CHARLES LYONS		407 BAILEY HALL (780-5301)				
G1728	EDU 510	LEC	DEVELOP COMPOSITION PROCESS	ED	3.0	4:00- 6:40P	MW	WOOD, MARGO	1
P1687	EDU 511	LEC	CHILDREN'S LITERATURE	ED	3.0	7:00- 9:40P	TTH	MCGIFFIN, PAT	1
G3628	EDU 514	LEC	TEACH READ&WRIT CONTENT ARE	ED	3.0	8:15-11:30A	TTH	MACARTHUR, SUSANNE	3
G6944	EDU 524	LEC	SUPERVISED PRACT RDG DIS	ED	3.0			O'DONNELL, MICHAEL	6
G3623	EDU 529	LEC	READING/WRITING WORKSHOP	ED	6.0	9:00-12:00P	MTWTF	O'DONNELL, MICHAEL	3
G1703	EDU 560	LEC	ESL:CLASS TEACH PRACTICES	ED	3.0	4:00- 6:40P	TTH	BOUCHARD, DONALD L	1
P4751	EDU 561	LEC	ASPECTS OF THE ENGLISH LANG	ED	3.0	4:00- 6:40P	MW	WEYAND, ARTHUR	4
G1704	EDU 600	LEC	RESEARCH METHODS&TECHNIQ	ED	3.0	4:00- 6:40P	MW	COHEN, LIBBY	1
G1705	EDU 600	LEC	RESEARCH METHODS&TECHNIQ	ED	3.0	4:00- 6:40P	TTH	KULAWIEC, EDWIN P	1
G1706	EDU 600	LEC	RESEARCH METHODS&TECHNIQ	ED	3.0	4:00- 6:40P	TTH	VESS, SUSAN M	1
G6645	EDU 600	LEC	RESEARCH METHODS&TECHNIQ	ED	3.0	9:00-12:00P	TTH	STEEGE, MARK	6
THIS COURSE MEETS JUNE 22 - JULY 29.									
G6304	EDU 603	LEC	ANALYSIS OF TEACHING	ED	3.0	9:00-12:30P	MTWTH	KULAWIEC, EDWIN P	6
THIS COURSE MEETS JULY 6-9, JULY 12-15, JULY 19-22.									
G6806	EDU 604	LEC	CURRICULUM DEVELOPMENT	ED	3.0	4:00- 8:00P	W	BROYLES, INDIA L	6
THIS COURSE MEETS MAY 12,19,26,JUNE 2,9,16,23,AND 30, 4-8PM; JUNE 30, 9AM-4PM.									
G6205	EDU 610	LEC	CRITICAL ISSUES:TCHG/LEARNI	ED	3.0	8:00-12:00P	MTWTF	AMOROSO, HENRY C	6
THIS COURSE MEETS MAY 22, 9AM-4PM; JUNE 21-25, JUNE 28-JULY 2,8-12NOON									
B6609	EDU 622	LEC	LANG/LITERACY YOUNG CHILD	ED	3.0	6:00- 9:15P	TTH	KENNEDY, JUDITH	6
THIS COURSE MEETS JUNE 28-AUGUST 6.IT MEETS AT THE BATH-BRUNSWICK CTR.									
G6307	EDU 630	LEC	ORGANIZE LITERACY INSTRUCT	ED	3.0	8:00-12:00P	MWF	FLEMING, COLLEEN	6
THIS COURSE MEETS 8AM-12NOON, AUGUST 9, 11, 13, 16, 18, 20; SEPTEMBER 11, 25; OCTOBER 2, 16.									
G6908	EDU 633	LEC	SPECIAL APPLIC IN READING	ED	VAR			TBA	6
G6610	EDU 672	LEC	POL BASES OF DEC MAKING	ED	3.0			LUCARELLI, JUDY	6
THIS COURSE MEETS MAY 18,25,JUNE 1,8,15,17,22 AND 24, 4:00-7:00PM; JUNE 26, 8:30AM-2:00PM; AND JUNE 28 AND 29, 4:00-8:00PM.									
G6911	EDU 699	IND	INDEPENDENT STUDY	ED	VAR			GOLDSBERRY, LEE F	6
G6912	EDU 699	IND	INDEPENDENT STUDY	ED	VAR			MILLER, LYNNE C	6
G6162	EDUX616	LEC	ADVISOR/GUID ROLE-MID SCH	ED	3.0	8:00- 4:30P	MTWTF	MAJOR, CHERIE R	6
THIS COURSE MEETS AUGUST 16 - 20.									
G6915	EDUX636	PRA	SUPERVISED PRACTICUM IN ESL	ED	VAR			BOUCHARD, DONALD L	6
G6316	EXE 611	LEC	NATURE AND NEEDS EXC LEARNE	ED	3.0			COHEN, LIBBY	6
THIS COURSE MEETS 9AM-1PM, JULY 1-2, JULY 6-9, JULY 12, 13 AND 16.									
P6846	EXE 611	LEC	NATURE AND NEEDS EXC LEARNE	ED	3.0	7:00- 9:30P	TTH	LYONS, CHARLES M	6
THIS COURSE MEETS MAY 24 - JULY 23 (VACATION: JULY 5-9).									
THIS IS AN EDUCATIONAL NETWORK OF MAINE COURSE ORIGINATION SITE.									
G6317	EXE 613	LEC	CURR/INST CHILD W/ LEARN PR	ED	3.0	8:00- 1:00P	MTWTF	HOVEY, DEBRALEE	6
THIS COURSE MEETS JULY 6-10, JULY 12-16, 8:00AM-1:00PM.									
G1707	EXE 615	LEC	CLASSROOM & BEHAVIOR MGMT	ED	3.0	4:00- 6:40P	MW	LYONS, CHARLES M	1
G6118	EXE 684	LEC	ADMINISTRATION IN SPEC ED	ED	3.0	8:00- 4:00P	TWTF	LYONS, CHARLES M	6
THIS COURSE MEETS JULY 6 - JULY 10.									
G6219	EXE 687	LEC	TECH IN SPEC EDU & REHAB	ED	3.0			SPENCINER, LORAIN	6
THIS COURSE MEETS JUNE 28-30, JULY 7-9, 8:00AM-2:30PM.									
G1708	EXE 692	LEC	TRANS PLAN&PROG FOR SEC STU	ED	3.0	6:45- 9:25P	TTH	BERNACCHIO, CHARLES	1
G1709	EXE 694	LEC	VOC EDU SPECS NEEDS STUD	ED	3.0	4:00- 6:40P	TTH	HARVEY, MICHAEL W	1
G6420	EXE 699	IND	DIRECTED STUDY	ED	3.0			REES, TONI H	6
THIS COURSE MEETS 4-6:30PM, MAY 17, 19, 24, 26; JUNE 2, 7, 28, 30.,									
HUMAN RESOURCE DEVELOPMENT			WILLARD CALLENDER		411 BAILEY HALL (780-5066)				
G1710	HRD 333J	LEC	HUMAN GROWTH&DEVELOPMENT	ED	3.0	12:30- 3:10P	MW	MORRILL, DAVID	1
G1711	HRD 333J	LEC	HUMAN GROWTH&DEVELOPMENT	ED	3.0	7:00- 9:40P	TTH	SOUTHWORTH, ROBERT	1
P1686	HRD 333J	LEC	HUMAN GROWTH&DEVELOPMENT	ED	3.0	4:00- 6:40P	MW	ANDREWS	1

LOC/ CRN	COURSE	TYP	TITLE	COL	CRED HRS	TIME	DAYS	INSTRUCTOR	SESSION
G6182	EPI 502	LEC	MULTI-AGE EDUCATION	ED	3.0	8:30- 4:30P	MTWTFH	RICHARDSON, IRVING	6
			THIS COURSE MEETS AUGUST 2 - AUGUST 6.						
G6181	EPI 505	LEC	ADVANCED HYPERCARD DEVELOPM	ED	3.0	8:00- 4:00P	MTWTFH	WANDERMAN, RICHARD	6
			THIS COURSE MEETS JULY 19 - JULY 23.						
G1735	EPI 506	LEC	FAMILY THERAPY & SUB ABUSE	ED	3.0	4:00- 6:40P	MTH	TBA	1
G6122	HRD 645	LEC	GERONT INST:AGING,DEATH&BER	ED	3.0	8:00- 4:30P	MTWTFH	BRADY, E MICHAEL	6
			THIS COURSE MEETS JUNE 21 - JUNE 25.						
G6174	HRDX659	LEC	RESEARCH METH-APPL INTERVEN	ED	3.0			STEEGE, MARK	6
			THIS COURSE MEETS AUGUST 2-3,SEPT. 25, OCT.23 AND NOV. 13.						

LEWISTON/AUBURN COLLEGE 51-55 WESTMINSTER STREET LEWISTON (783-4860)

L6456	ENG 120H	LEC	INTRO TO LITERATURE	AS	3.0	9:00-12:15P	MTW	BENGELA, MICHAEL	6
			THIS COURSE MEETS MAY 24 - JUNE 16.						
L6458	HRD 333J	LEC	HUMAN GROWTH&DEVELOPMENT	ED	3.0	9:00-12:15P	MTW	HITCHCOCK, JAN	6
			THIS COURSE MEETS MAY 24 - JUNE 16.						
L6759	HTY 131I	LEC	U.S. HISTORY TO 1877	AS	3.0	7:00- 9:30P	MW	LIMANNI, ANTHONY M	6
			THIS COURSE MEETS MAY 24 - JULY 14.						
L6760	MOS 385	PRA	INTERNSHIP IN MOS	LA	VAR			DRUKER, MARVIN J	6
L6952	MOS 398	IND	INDEPENDENT STUDY	LA	VAR	7:00- 9:30P	T	DRUKER, MARVIN J	6
L6457	MUS 110F	LEC	FUNDAMENTALS OF MUSIC	AS	3.0	9:00-12:15P	MTW	MARTIN, PETER J	6
			THIS COURSE MEETS MAY 24 - JUNE 16.						
L6953	SBS 385	PRA	INTERNSHIP	LA	VAR			DRUKER, MARVIN J	6
L6954	SBS 398	IND	INDEPENDENT STUDY	LA	VAR	7:00- 9:30P	T	DRUKER, MARVIN J	6
L6455	THE 101G	LEC	INTRODUCTION TO DRAMA	AS	3.0	9:00-12:15P	MTW	SYLVESTER, ROBERT	6
			THIS COURSE MEETS MAY 24 - JUNE 16.						

EDMUND S MUSKIE INSTITUTE OF PUBLIC AFFAIRS RICHARD E BARRINGER 622 LAW SCHOOL (780-4380)

P3640	PPM 550	LEC	MEDIA & PUBLIC POLICY	PP	3.0	4:00- 7:15P	TTH	NYHAN, PAT	3
			THIS COURSE IS CROSS-LISTED WITH COM 499.						
P6759	PPM 603	LEC	ADVANCED RESEARCH METHODS	PP	3.0	4:00- 7:00P	MW	LAPLANTE, JOSEPHINE	6
			THIS COURSE MEETS MAY 17 - JUNE 30.						
P1694	PPM 615	LEC	MANAGING THE HUMAN ORGANI	PP	3.0	4:00- 6:40P	TTH	BARRINGER, RICHARD	1
P6955	PPM 649	LEC	APPLIED RESEARCH FINANCE	PP	VAR			LAPLANTE, JOSEPHINE	6
P1700	PPM 666	LEC	ENVIRONMENTAL POLICY	PP	3.0	4:00- 6:40P	TTH	GALE, DENNIS	1
P6956	PPM 695	IND	INDEPENDENT STUDY	PP	VAR			TBA	6
P6957	PPM 696	PRA	INTERNSHIP	PP	VAR			TBA	6
P6958	PPM 699	LEC	CAPSTONE PROJECT	PP	3.0			TBA	6

SCHOOL OF NURSING

NURSING JILL TIFFANY MASTERTON HALL (780-4130)

NUR 210 AND NUR 212 HAVE COURSE FEES OF \$15.00. NUR 312, NUR 325,
NUR 411 AND NUR 416 HAVE COURSE FEES OF \$7.50.

P1760	NFS 252	LEC	HUMAN NUTRITION	NU	3.0	4:00- 6:40P	TTH	BURSON, JANET Z	1	
P1761	NUR 200	LEC	INTRO TO PROFESSIONAL NURS	NU	2.0	1:30- 5:30P	M	PALTROW, MERLE H	1	
P1763	NUR 209	LEC	TOTAL HEALTH ASSESSMENT	NU	2.0	1:00- 3:00P	TTH	ELLIOTT, ELIZABETH	1	
P1764	NUR 210	LAB	TOTAL HEALTH ASSESSMENT LAB	NU	1.0	8:30-12:30P	W	TBA	1	
P1765	NUR 210	LAB	TOTAL HEALTH ASSESSMENT LAB	NU	1.0	8:30-12:30P	TH	ELLIOTT, ELIZABETH	1	
P1766	NUR 210	LAB	TOTAL HEALTH ASSESSMENT LAB	NU	1.0	1:00- 5:00P	W	RODGERS, MARIANNE W	1	
P1769	NUR 212	LEC	FUNDAMENTALS OF NURSING	NU	2.0	10:30-12:30P	M	CATON-LEMOS, LAURIE	1	
P1791	NUR 212	LAB	FUNDAMENTALS OF NURS LAB	NU	0.0	8:30-12:30P	T	TBA	1	
P1792	NUR 212	LAB	FUNDAMENTALS OF NURS LAB	NU	0.0	8:30-12:30P	T	CATON-LEMOS, LAURIE	1	
P1684	NUR 295	IND	FUNDAMENTALS OPTION	NU	1.0	10:30-12:30P	M	CATON-LEMOS, LAURIE	1	
P6970	NUR 299	LEC	SELF-STUDY FOR OPTION STUDE	NU	2.0			HEALY, PHYLLIS	6	
			THIS COURSE MEETS 9AM-12NOON, MAY 21, 24, AND 28; 9AM-12NOON AND 1PM-4PM, AUGUST 30 AND 31.							
P1762	NUR 304	LEC	RN TRANSITION	NU	5.0	8:00- 1:00P	MW	RODGERS, MARIANNE W	1	
P1683	NUR 311	LEC	REPROD & SEXUAL HEALTH NURS	NU	2.0			TBA	1	
P6650	NUR 312	LAB	REPRO&SEXUAL HEALTH NURS	LA	NU	2.0	7:00- 3:00P	TW	TBA	6
P6651	NUR 312	LAB	REPRO&SEXUAL HEALTH NURS	LA	NU	2.0	7:00- 3:00P	TH	TBA	6
P6652	NUR 312	LAB	REPRO&SEXUAL HEALTH NURS	LA	NU	2.0	7:00- 3:00P	TW	TBA	6
P1770	NUR 324	LEC	OLDER ADULT HEALTH CARE NUR	NU	2.0	10:00-12:00P	MF	CASEY	1	
P1692	NUR 325	LAB	OLDER ADULT HEALTH NUR LAB	NU	2.0	7:00- 3:00P	W	VINCENT, NOREEN	1	
P1771	NUR 325	LAB	OLDER ADULT HEALTH NUR LAB	NU	2.0	7:00- 3:00P	TW	KERNS, KIM	1	
P1772	NUR 325	LAB	OLDER ADULT HEALTH NUR LAB	NU	2.0	7:00- 3:00P	TW	CATON-LEMOS, LAURIE	1	
P6967	NUR 395	IND	DIRECTED STUDY	NU	VAR			TBA	6	
P1767	NUR 401	LEC	HEALTH RELATED RESEARCH	NU	3.0	4:00- 6:40P	MW	VINES, SUSAN	1	
P6696	NUR 401	LEC	HEALTH RELATED RESEARCH	NU	3.0	4:00- 7:00P	MW	KEITH, ANNE	6	
			THIS COURSE MEETS JUNE 28 - AUGUST 6.							
P1773	NUR 410	LEC	MENTAL HEALTH NURSING	NU	2.0	8:30-12:30P	M	PALTROW, MERLE H	1	
P1774	NUR 411	LAB	MENTAL HLTH NURSING LAB	NU	2.0	7:00- 3:00P	TW	TBA	1	
P6369	NUR 411	LAB	MENTAL HLTH NURSING LAB	NU	2.0	7:00- 3:00P	TWTH	PALTROW, MERLE H	6	
			THIS COURSE MEETS MAY 18 - JUNE 3.							
P6391	NUR 411	LAB	MENTAL HLTH NURSING LAB	NU	2.0	7:00- 3:00P	TWTH	PALTROW, MERLE H	6	
			THIS COURSE MEETS JUNE 8-JUNE 24.							

LOC/ CRN	COURSE	TYP	TITLE	COL	CRED HRS	TIME	DAYS	INSTRUCTOR	SESSION
P6695	NUR 415	LEC	CONCEPTS IN COMMUNITY HEALTH	NU	2.0	5:30- 7:45P	MW	KEITH, ANNE	6
			THIS COURSE MEETS MAY 17 - JUNE 26.						
P6653	NUR 416	LAB	COMMUNITY HLTH NURSING LAB	NU	2.0			ALEXANDER, BLANCHE	6
P6693	NUR 416	LAB	COMMUNITY HLTH NURSING LAB	NU	2.0	7:00- 3:00P	W	PEAK-GODIN, HELEN	6
			THIS COURSE MEETS MAY 19-JUNE 30.						
P6694	NUR 416	LAB	COMMUNITY HLTH NURSING LAB	NU	2.0	7:00- 3:00P	TW	KEITH, ANNE	6
			THIS COURSE MEETS JUNE 28 - AUGUST 6.						
P1689	NUR 599	LEC	THERAPEUTIC TOUCH:THRY/PAC	NU	3.0	4:00- 6:40P	TTH	SMITH, DOROTHY L	1
P1768	NUR 696	LEC	RESEARCH TOPICS	NU	3.0	4:00- 6:40P	TTH	SKONER, MARTHA	1
RECREATION & LEISURE STUDIES			LINDA R MEYER			220	PORTLAND GYM	(780-4172)	
P2414	REC 110	LEC	INTRO TO REC & LEISURE SERV	NU	3.0	8:15-11:30A	MTW	RICHESON, NANCY	2
P2415	REC 217	LEC	BASIC SAILING & SEAMANSHIP	NU	3.0	6:30- 9:45P	MTW	POWER, THOMAS A	2
P3606	REC 219	LEC	PERSONAL FITNESS	NU	3.0	8:15-11:30A	TTH	O'CONNOR, CHRIS	3
P4714	REC 219	LEC	PERSONAL FITNESS	NU	3.0	7:00- 9:40P	TTH	DOWNING, THOMAS J	4
SCHOOL OF APPLIED SCIENCE									
APPLIED MEDICAL SCIENCES			AH-KAU NG			106	SCIENCE BUILDING	(780-4299)	
P6930	AIM 630	LEC	MEDICAL IMMUNOLOGY	SC	3.0			NG, AH-KAU	6
P6931	AIM 631	LAB	MEDICAL IMMUNOLOGY LAB	SC	3.0			NG, AH-KAU	6
			THIS COURSE HAS A COURSE FEE OF \$50.00.						
P6932	AIM 690	SEM	SEMINAR:JOURNAL CLUB	SC	VAR			NG, AH-KAU	6
P6933	AIM 697	IND	INDEPENDENT STUDY	SC	VAR			TBA	6
P6934	AIM 698	THE	THESIS	SC	VAR			TBA	6
COMPUTER SCIENCE			CHARLES WELTY			224	SCIENCE BUILDING	(780-4499)	
COS 160 AND COS 170 MUST BE TAKEN CONCURRENTLY.									
P1794	COS 140	LEC	PROGRAMMING IN FORTRAN	SC	3.0	4:00- 6:40P	MW	WELTY, CHARLES	1
P1795	COS 160	LEC	STRUCT PROB SOLVE-PASCAL	SC	3.0	4:00- 6:40P	TTH	WELTY, CHARLES	1
P4793	COS 161	LEC	ALGORITHMS IN PROGRAMMING	SC	3.0	4:00- 6:40P	TTH	FENNER, STEPHEN	4
P1797	COS 170	LAB	STRUCTURED PROGRAMMING LAB	SC	1.0	4:30- 6:30P	W	TBA	1
P1796	COS 230	LEC	PROGRAMMING IN COBOL	SC	3.0	7:00- 9:40P	MW	GOVIN, NORMAND E	1
P6998	COS 698	IND	MASTER'S PROJECT	SC	VAR			TBA	6
			THIS COURSE HAS A COURSE FEE OF \$20.00.						
ENGINEERING			JAMES SMITH			106A	TECHNOLOGY CENTER	(780-5584)	
G4749	ELE 100	LEC	INTRO TO ENGINEERING	SC	3.0	5:00- 9:00P	TTH	ELLIS, JULIE R	4
			THIS COURSE HAS A COURSE FEE OF \$10.00.						
G1733	ELE 442	LEC	INTRO TO DIGITAL VLSI DESIG	SC	3.0	6:00- 8:40P	MW	GUVENCH, MUSTAFA F	1
TECHNOLOGY			RICHARD CARTER			101	TECHNOLOGY CENTER	(780-5440)	
G1757	IEP 599	IND	INDEPENDENT STUDY	SC	VAR			NANMAY, ROBERT W	1
G6961	IEP 699	IND	INDEPENDENT STUDY	SC	VAR			NANMAY, ROBERT W	6
G6962	IEV 460	IND	INDEPENDENT STUDY	SC	VAR			BAZINET, GREGORY P	6
G6963	IEVI310	LEC	METH & MAT INSTRUCT VOC EDU	SC	3.0	8:30- 4:00P	MTWTF	BAZINET, GREGORY P	6
			THIS COURSE MEETS AUGUST 2 - 13.						
G1759	ITP 300	LEC	MOTION AND TIME STUDY	SC	3.0	7:00- 9:40P	TTH	MOORE, WILLIAM H	1
G4730	ITP 330	LEC	PRODUCTION CONTROL	SC	3.0	7:00- 9:40P	TTH	ZANER, JOHN A	4
G1758	ITP 350	LEC	CONFERENCE LEADING	SC	3.0	7:00- 9:40P	MW	CARTER, RICHARD H	1
G6964	ITT 440	PRA	RELATED EXPER/INTERNSHIP	SC	VAR			CARTER, RICHARD H	6
G6965	ITTI440	LEC	RELATED OCCUPATION EXPER	SC	VAR			BAZINET, GREGORY P	6
DIVISION OF OFF-CAMPUS INSTRUCTION & ACADEMIC SUPPORT									
LEARNING ASSISTANCE PROGRAM			ROBERT LEMELIN			301	PAYSON SMITH HALL	(780-4689)	
P1775	ABU 119	LEC	BUSINESS COMMUNICATION	BS	3.0	4:00- 6:40P	TTH	LEMELIN, ROBERT	1
P2421	FRS 100	LEC	FRESHMAN SEMINAR	BS	3.0	4:00- 7:15P	MTW	ARBUTHNOT, LUCY	2
SACO/BIDDEFORD CENTER									
ALL COURSES IN SACO MEET MAY 24-JULY 23 (VACATION WEEK:JULY 5-9).									
T6875	EXE 611	LEC	NATURE AND NEEDS EXC LEARNE	ED	3.0	7:00- 9:30P	TTH	LYONS, CHARLES M	6
T6874	SWD 388	LEC	SUBSTANCE USE AND ABUSE	AS	3.0	4:00- 6:40P	MW	BROOKS, FRANK	6
SANFORD CENTER									
ALL COURSES IN SANFORD MEET MAY 24-JULY 23 (VACATION WEEK:JULY 5-9).									
S6871	EDU 336	LEC	CHILDREN'S LITERATURE	ED	3.0	7:00- 9:40P	TTH	HOLMAN, CAROLYN	6
S6872	EXE 611	LEC	NATURE AND NEEDS EXC LEARNE	ED	3.0	7:00- 9:30P	TTH	LYONS, CHARLES M	6
			EDUCATIONAL NETWORK OF MAINE COURSE RECEIVE SITE.						
S6873	HRD 333J	LEC	HUMAN GROWTH&DEVELOPMENT	ED	3.0	4:00- 6:40P	MW	BIRTOLO, PAT DELANE	6

Course Descriptions

College of Arts and Sciences

Art

AED 412 Exceptionality—Art Educators

This course examines characteristics of exceptional learners, strategies for teaching these students in the art classroom, and services available to them in the school and community. The focus will be on lesson planning, learning-teaching styles and strategies, and classroom management for mainstreaming in the art classroom. Cr 3.

ARH 111G Art History: Prehistoric to Medieval

Examination and discussion of the painting, sculpture and architecture from prehistoric cultures through the Middle Ages. The course emphasizes the relationship of the visual arts to social, political, religious and cultural trends, and introduces students to various methods of art historical interpretation. Cr 3.

ARH 112G Art History: Renaissance to Modern

A continuation of ARH 111G from the Renaissance through the 20th century. In both semesters of the course, examples of architecture and sculpture, paintings, etc. are used as the basis of inquiry. Cr 3.

ART 101G Approaches to Art

Selected experiences using original works, lecture, panel discussions, slides, films, and other means to confront the student with the significance of the visual arts in human history. The aim of the course is to involve students in direct experiences affecting their own perception of visual form. Cr 3.

ART 141F Fundamental Design I (2-D)

A studio introduction to the basic elements of two-dimensional and color relationships. Cr 3.

ART 151F Fundamental Drawing I

A studio introduction to drawing, including the basic elements of line, tone, design, and representation. Cr 3.

ART 231 Ceramics

An introduction to methods and processes of clay forming, including modeling, pressing, hand-building, and the potter's wheel. Emphasis on form and texture, with aspects of glaze composition and firing procedures. Prerequisite: Art Core course Cr 3.



ART 259 Landscape Drawing

This course will concentrate on drawing the landscape at Wolfe Neck Farm. Each day, problems will be assigned which focus attention on fundamental aspects of the following: pictorial form and design; analysis of landscape structures and a study of light; atmosphere and the creating of space. Students planning to pursue a degree in art must take the Art Core prior to registering for this course. Cr 3.

ART 269 Landscape Painting

An investigation of the painting process as related to visual perception of the natural environment. This course will take place outside at Wolfe Neck Farm. Students planning to pursue a degree in art must take the Art Core prior to registering for this course. Cr 3.

ART 271 Photography

This course explores photography as a creative medium and introduces the student to basic skills in the use of the camera and darkroom equipment. It investigates and practices the fundamental techniques and processes of black and white photography as an art form. Prerequisite: art core courses. Cr 3.

ART 299 Visual Graphics

This studio class will allow students to use materials and techniques with which they are already familiar in combination with the tools and techniques of graphic design. Projects will draw upon Renaissance, modernist, and contemporary traditions in typography and page design. Together we will experiment with how type and image work together: how designers use images in their work, and how artists use the tools of graphic design. Instruction will take place in the classroom, the studio and in a Macintosh computer lab. Prerequisite: Art Core courses or permission of instructor. Cr 3.

ART 299 2-D, 3-D Figure Study

A studio course of figure study including drawing, modeling, readings in artistic anatomy; supplemented by historical study of figurative art. Cr 3.

ART 363 Painting/Watercolor

Watercolor, wash, dry-brush, ink and wash, gouache, and other techniques in water media. Emphasis on individual concepts and personal expression. Prerequisite: ART 261. Students planning to pursue a degree in art must take the Art Core prior to registering for this course. Cr 3.

ART 399 The Photographic Essay

This course will investigate the "storytelling" nature of photographs. Various modes or languages of communication—narrative, sequential, and serial—will be explored. Students will investigate the relationship of the photo image to caption and text. Historical references will be discussed. Group field trips will lead into individual projects. Prerequisites: Art 271 Photography or a 3-credit beginning level photography course. A working knowledge of camera use (35 mm) and black & white darkroom processes is required. Cr 3.

Arts and Sciences

ARS 123 Topics of Human Sexuality

The purpose of this course is to provide individuals with a thorough understanding and accurate information concerning their sexuality. The course will show the subtle complex interrelationship among sociology, biology, philosophy, psychology, theology, behavior, and interpersonal relationships as they pertain to sexuality. Topics to be discussed include sexual growth and development, sexual attitudes, sexual anatomy and physiology of males and females, human sexual response cycle, sexual attraction, love and relationships, contraception, homosexuality and bisexuality, alternative forms of sexual behavior, sexual fantasies, sexual dysfunctions and problems, sexual history and research. Cr 3.

Biology

BIO 101K Biological Foundations

An introduction to the areas of current biological interest: molecular and cellular biology, genetics and development, and evolution and population biology. Intended primarily for students selecting a laboratory science to satisfy the Core curriculum or for those students not intending to take other courses in the Biological Sciences. This course cannot be used as a prerequisite for other biology courses. Cr 3.

BIO 102K Biological Experiences

Laboratory studies to complement and illustrate the concepts presented in BIO 101K and BIO 100K. Prerequisite: BIO 101K or BIO 100K. Cr 1.

BIO 105K Biological Principles I

An introduction to scientific principles underlying the unity and diversity of life. Prerequisite: students must have fulfilled the University minimum proficiency requirements in writing and mathematics. Cr 3.

BIO 106K Laboratory Biology I

Laboratory experiences illustrating concepts and principles introduced in BIO 105K. Must be taken concurrently with BIO 105K. Cr 1.5

BIO 111 Human Anatomy and Physiology I

The course starts with the study of cell chemistry, structure, and function. Students will be introduced to the principles of genetics, reproduction, growth and development and to the study of the integumentary and skeletal system. Prerequisite: satisfactory completion of minimum proficiency requirements. Cr 3.

BIO 211 Human Anatomy and Physiology II

This course focuses on many of the organ systems in the human body: The structure and function of the muscular, nervous, endocrine, cardiovascular, respiratory, digestive and urinary systems will be discussed. Prerequisite: grade of C or higher in BIO 105K. Cr 3.

BIO 212 Practical Human Anatomy and Physiology

Laboratory studies of the structure and functions of the human body including histology and physiology experiments. NOT open to those who have completed BIO 205. Prerequisite: grade of C or higher in BIO 106K; BIO 211 or concurrently. Cr 1.5.

BIO 281 Microbiology and Human Disease

Fundamentals of microbiology with emphasis on infectious diseases of people, including bacteria, rickettsia, fungi, viruses, protozoa and helminths. Prerequisites: grade of C or higher in BIO 105K, and college chemistry. Cr 3.

BIO 282 Microbiology and Human Disease Laboratory

Laboratory techniques in the cultivation, identification, and control of micro-organisms. Prerequisites: BIO 281 or concurrently. Cr 2.

BIO 291 Ornithology

This course studies the basic biology of birds: their life histories, migration, ecology, and economic importance, with emphasis on species found in Eastern North America. Numerous field trips to a variety of habitats will be taken for purposes of field identification. Students are responsible for their own appropriate outdoor clothing, footwear and for binoculars. Prerequisite: a grade of C or better in BIO 107 and BIO 108, or permission of instructor. Cr 4.5.

(Note: This course is listed as BIO 291/BIO 292 in the schedule. After the schedule went to press, these courses were combined into one 4.5 credit course, BIO 291 (crn # P171).)

BIO 345 Pathophysiology

A study of the physiological, genetic, biochemical and environmental basis of noninfectious diseases. Prerequisite: grade of C or higher in BIO 211 or permission of instructor. Cr 3.

Chemistry

CHY 101K Introduction to Chemistry

General topics in chemistry including introductory units on matter and its properties; measurement; elements and compounds; atomic structure; solutions, dispersions, and water; osmotic pressure; chemical bonds; chemical nomenclature; stoichiometry; radiochemistry; gases; acids, bases and buffers; and energy relationships in chemical processes. Prerequisite: high school algebra and one year of high school chemistry (taken during the past five years) or a satisfactory grade level on the proficiency test administered by the Department. Not appropriate for science majors, pre-med, pre-vet or pre-dentistry. This is the final time this course will be offered on campus in Portland. It will be available at Lewiston-Auburn College. Cr 3.

CHY 103 Introduction to Organic and Biochemistry

Stress will be placed upon topics of special importance for students of the health sciences: nomenclature of organic compounds; electron distribution in organic molecules; structural features of organic molecules; substitution, elimination, and addition reactions; oxidation reduction reactions; carbohydrates; lipids; proteins and amino acids; enzymes; nucleic acids; metabolism; summary of some aspects of nutrition; pharmaceuticals; medical applications of radiochemistry. Concurrent with CHY 104. Prerequisite: grade of C or better in CHY 101. Not appropriate for science majors, pre-med, pre-vet or pre-dentistry. Cr 3.

CHY 104 Introductory Organic and Biochemistry Laboratory

Students will perform experiments to illustrate aspects of organic chemistry of importance to living systems, as well as elementary principles of biochemistry. Topics include separation and identification of organic compounds; qualitative reactions of lipids, proteins, and nucleic acids; introduction to enzyme chemistry. Corequisite: CHY 103. Not appropriate for chemistry or biology majors. Cr 1.

CHY 115 Principles of Chemistry II

A presentation of topics of chemistry additional to those presented in CHY 113. This course is designed to provide a solid foundation for all further studies in chemistry and is a prerequisite for all upper-level chemistry courses. Prerequisite: grade of C or better in CHY 113. Cr 3.

CHY 116 Lab Techniques II

Laboratory experiments to illustrate the principles presented in CHY 115 lectures. Prerequisite: grade of C or better in CHY 114. Corequisite: CHY 115. Cr 1

Communication

COM 102J Introduction to Communication

This course is designed to provide students with a conceptual framework of the basic elements of human communication. Students will examine different levels of communication analysis, learn to chart and analyze communication behavior, and discuss the effects of communication on themselves and others. Topics discussed will include communication theory; self-concept, interpersonal communication, nonverbal behavior, small group interaction, and mass communication. Students will be encouraged to adapt communication principles to their various fields of endeavor. Cr 3.

COM 280 Mass Media and Human Interaction

Mass Media and Human Interaction concentrates on the history and effects of mass communication in our society. Through readings and independent research, the student will explore the content and social consequences of our rapidly changing telecommunication technology. Media to be discussed include print, broadcasting, and cable. Prerequisite: COM 102J. Cr 3.

COM 284 Introduction to Film

This course seeks to introduce the student to the aesthetics of film. It assumes that the student has no knowledge of cinema beyond the movie-going experience. The aim of the course is to survey the fundamental aspects of cinema as an art form and communication vehicle. The power of moving images and their mass-mediated messages will be analyzed. Prerequisite: COM 102J. Cr 3.

COM 330 Interpersonal Communication Theories

A study of the current thinking in interpersonal communication with emphasis upon specific theories of human interaction. Students will engage in behavioral observations, experiential learning activities, group research projects, individual study; and will complete a final project on a selected topic in interpersonal communication. Prerequisite: COM 102J. Restricted to majors only, or permission of the instructor. Cr 3.

COM 374 Television Criticism and Aesthetics

The purpose of this course is to introduce students to the variety of critical approaches applied to the analysis of television content. The course investigates issues in popular culture and mass culture. In addition, the readings review traditional and contemporary television criticism. The final part of the course will provide a critical context for viewing the television medium within the framework of video culture. Prerequisite: COM 102J. Cr 3.

COM 390 Group and Organizational Communication

The purpose of this course is to provide students with knowledge about group and organizational communication. Specific topics such as leadership, conflict resolution, decision making, role behavior, and motivation will be covered in the course. Students will conduct research projects, participate in group activities, and write papers integrating theory with observed behavior. The effects of culture, gender, and politics on group and organizational communication will also be discussed. Prerequisite: COM 300 Research Methods in Communication. Cr 3.

COM 399 Electronic News Gathering

This course is an introduction to broadcast journalism involving writing and producing television news. This course will also engage in critical analysis of television newscast content and formats. Cr 3.

COM 399 Theories of Popular Music

Popular music is a ubiquitous, multidiscursive cultural form that has, until fairly recently, escaped serious scholarly attention. This course is designed to introduce the student to the various theories and approaches that have been applied to the study of popular music. We will explore advanced communication theories such as semiology, psychoanalysis, phenomenology, Marxist cultural theory, and feminist theory. We will also enter the post modern debates through the window of music videos. Prerequisite: COM 102J or permission of instructor. Cr 3.

COM 399 Communication and AIDS

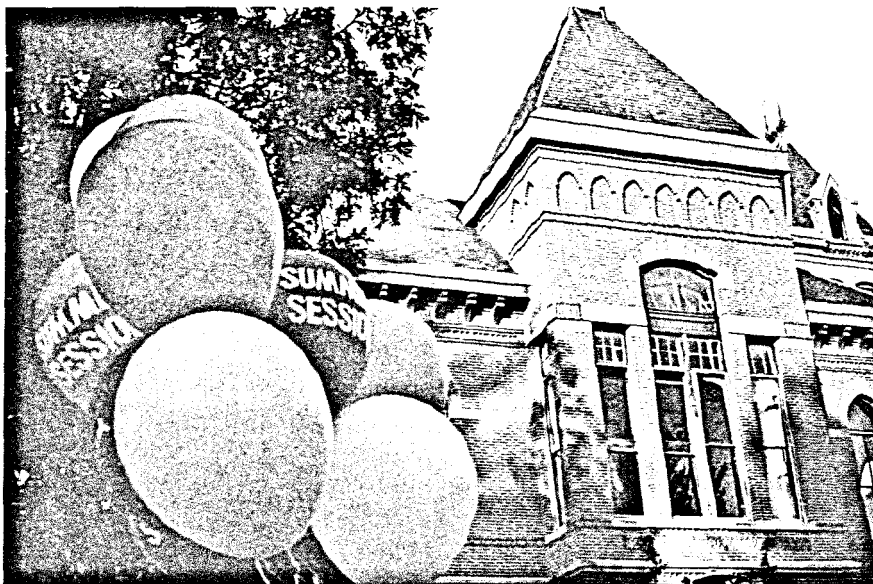
While AIDS continues to dominate research agendas in the medical community, the academic world has also responded to this worldwide crisis. The purpose of this course is to provide students with information on how the communication field has examined the AIDS epidemic. Included in the class discussions will be the rhetoric of AIDS, the media's response to AIDS, humor and condom usage, persuasion and safer sex, sex talk between and among the sexes, relationship termination and AIDS, and communication within hospice settings. The course will combine communication theory with strategies used by researchers and practitioners. Prerequisite: COM 102J or permission of instructor. Cr 3.

COM 484 Women in Film

The specific topic explored during this course will be women in film. Films will be analyzed in the context of the political and ideological subtexts they contain. The purpose of the analysis or criticism is to understand a film and to be able to relate it to the society which it reflects and sometimes affects. Cr 3.

COM 485 Sex-Related Differences in Communication

This seminar on sex-related differences in communication is designed primarily to evaluate critically the research literature. It is concerned with whether or not males and females differ in their actions of sending, receiving, and interpreting messages. The course examines gender-role stereotyping, empirical findings on sex-related differences in communication behavior (e.g., talking, interpersonal style, touching, eye contact, etc.) and explanations for sex differences. Critiques of some major theoretical positions are discussed (e.g., sex differences in dominance, aggression, cognition, and brain organization). Prerequisite: junior or senior standing and COM 102J. Cr 3.



COM 499 Media and Public Policy

This course provides an introduction to the relationship between the press and public policy, focusing on social issues at the state and national level. It is designed to make students aware of the often overlooked influence of the media on the outcome of policies and to help policymakers deal professionally with print and TV media. Cr 3.

Core Curriculum

COR 119F The Illuminated Autobiography

An introduction to two creative processes—the visual and the literary. The course will explore the means (shared, specialized, and complementary) by which they communicate thematic content, and the transformation through which subjective discovery becomes accessible form. Students will develop a control of structural elements within and between the two disciplines sufficient to write, illustrate, design, and publish a limited autobiographical narrative. Cr 3.

COR 122I Introduction to Islamic Civilization

This is a survey course that focuses on Islam as a universal religion embracing diverse cultural areas representing some 45 nations. The course will deal with Islam from religious-doctrinal, cultural-artistic, and socio-political perspectives. It begins with a historical survey of the rise and spread of Islam as a religion, examines its basic doctrine, beliefs, and institutions, highlights the cultural manifestations of Islam in art and literature, and deals with its impact on socio-political thought and action. The course ends with an analysis of the phenomenon of Islamic revivalism and fundamentalism in the context of global recovery of Islamic identity, and ongoing crises and conflicts in the Middle East and the Gulf Area. Cr 3.

COR 126J Global Enlightenment

This course is designed to familiarize students with the major problems confronting civilization as we approach the 21st century. Emphasis will be placed upon a variety of critical global issues dealing with such themes as energy/power generation, housing, pollution, waste disposal, effective resource utilization, transportation, communications, food productions, water, ecological/environmental problems, world population, cultural co-existence, education, and technological literacy. Solutions to such problems will be analyzed and discussed and the importance of interdependence among nations will be stressed throughout the course. Cr 3.

COR 127J The Documentary: Its Social, Political, and Emotional Impact

Documentary films have had and continue to have a strong effect on individuals and society. A major goal of this survey is an understanding of the documentary process and an appreciation of the media (news, shorts, features) in which this form is used. Before the end of the semester, students will achieve the ability to analyze the form, structure, style, content and impact of documentaries. Cr 3.

COR 132I,K Historical Ecology

This course employs on-campus class meetings and intensive field study to examine changing relationships between humans and the natural environment. Principles and explanatory models will be drawn from the disciplines of ecology, biogeography, archaeology, and ethnohistory. On-campus classes will provide an introduction to the use of these principles and models for understanding human ecological change. Students will then apply their knowledge in a field study of human ecological relationships on the island of St. John, U.S. Virgin Islands. The field study will contrast the experiences of Native American, European, and Afro-Caribbean peoples in the island ecosystem. Cr 6.

English

ENG 100C College Writing

Classes meet regularly to analyze professional and student writing as a way of sharpening awareness of how to use language effectively. The writing assignments encourage students to apply the principles discussed in class to their own work. Students may not take both ENG 100C and 101C for credit. This course cannot be used to satisfy a humanities requirement. Prerequisite: writing proficiency. Cr 3.

ENG 120H Introduction to Literature

A general introduction to the various literary genres — poetry, the short story, drama—which will include a study of critical terminology, close textual reading, and practice in writing. Prerequisite: ENG 100C or 101C or waiver. Cr 3.

ENG 150 Literature into Film

This course explores what is gained and lost when the printed page is translated to the screen. How does a classic novel become a dull movie? How does an important film emerge from a literary pot-boiler? We will examine theme and plot, character and mood, setting and point of view, and tone and imagery to better understand the writer's craft. We will also learn about editing and lighting, camera movement and placement, visual rhythm, and the uses of sound to comprehend the work of the film artist. Written and filmed versions of the same narrative will help us to define the creator's intentions and achievements and to highlight what is distinctive to each. Cr 3.

ENG 201F Creative Writing

An introduction to the principles and practice of writing fiction, poetry, and drama. Emphasis is on fresh observation and meaningful selection of concrete details and their uses in the different genres. Recommended for beginners. Prerequisites: ENG 100C or 101C and ENG 120H. Cr 3.

ENG 299 Magazine Feature Writing

This course is a practical introduction to developing, proposing, researching, and writing feature articles for magazines. The course will emphasize the process necessary to achieve publication: recognizing potential magazine stories, focusing them, undertaking preliminary research, proposing stories to editors, identifying readers' needs for information, undertaking additional research and interviewing, and organizing material into effective, interesting stories. Cr 3.

ENG 299 Introduction to Literary Studies

This course is highly recommended for all beginning English majors and will have a double focus. It is partially an introduction to the practical methods and procedures of research and interpretation and the techniques of effective critical writing. It is also partially a forum for discussing the differences and similarities between significant critical, theoretical, and pedagogical approaches to literary and cultural studies. We will read and discuss a number of literary works from a variety of periods, but there will also be a strong emphasis on writing. Prerequisites: ENG 100C and ENG 120H. Cr 3.

ENG 299 Creative Nonfiction Workshop

See Special Programs section of this catalog.

ENG 299 Children's and Young Adults Literature Workshop

See Special Programs section of this catalog.

ENG 299 Genre Fiction

See Special Programs section of this catalog.

ENG 300F Fiction Writing

See Special Programs section of this catalog.

ENG 301F Poetry Writing

A course for those who, in a creative writing course or on their own, have developed basic skills of careful, thoughtful observation and a preference for concrete details to convey emotional meaning, and who are interested in developing a sense of how poetry has been written in the past by major poets and how it is being created in the present.

sent. Emphasis will be on imitation of past and present writers and exercises that stress the elements of poetry, as well as on the development of personal approaches. Suggested preparation: ENG 201F. Cr 3.

ENG 302F Fiction Workshop: Short Stories (Stonecoast Writer's Conference)

See Special Programs section of this catalog.

ENG 302F Fiction Workshop

An advanced course requiring the completion of short stories or a substantial part of a novel. Prerequisite: ENG 300F. Cr 3.

ENG 303F Poetry Workshop: Poems for the Reader

See Special Programs section of this catalog.

ENG 304 Novel Workshop: Writing the Novel

See Special Programs section of this catalog.

ENG 309 Newswriting

This course will cover basic news-writing concepts including recognizing news, collecting and organizing information, and writing news articles. It will show how news-writing relates to the writing process in general and provide students with several models for developing news and feature articles. Emphasis will be on achieving writing of publication quality. Prerequisite: ENG 100C. Cr 3.

ENG 381 Colonial American Literature

A study of early American writers of religious prose, fiction, and poetry. A course in early American history is recommended background. Cr 3.

ENG 394 Modern Poetry

This course explores the tradition of experimentation in Dickinson, Frost, and Stevens. It draws from a range of figures in an effort to bring into focus the achievement of such English and American figures as Dom, Berryman, Amy Clampitt and Norman Dubie. Course content varies. Cr 3.

ENG 395 Anglo-Irish Literature

A study of the major Irish writers from 1880 to the present. Topics may vary, but they will typically include some of the foremost Irish writers of the past century, such as Yeats, Lady Gregory, Wilde, Shaw, Synge, Joyce, O'Casey, Behan, Beckett, O'Connor, Bowen, Lavin, Heaney, Friel. Cr 3.

ENG 399 Art in the Fast Lane: Paris and the Rise of Modern Anglo-American Fiction

Modernism is often described as a monolithic aesthetic that maintains and reproduces patriarchal culture. Recently, however, critics have begun to perceive more than one modernism emerging out of the 19th century. In this course, we will look first at the phallicentric alliance between French Naturalism (e.g., Zola, Maupassant) and Impressionism (e.g., Renoir, Monet). Secondly, we will look at early avant-garde transgressions against phallicentrism, in Manet, Degas, and Cezanne. From here, we will trace the opposition between these two camps into the rise of two contending modernisms in Anglo-American fiction. While our general inquiry will map the ever shifting cultural links between painting and fiction, our focus will stay fixed on representations of class, the body, gender and sexuality. Cr 3.

Foreign Languages

Note: any students taking FRE 107I, FRE 207I, GER 107I, SPA 107I or SPA 207I must register for both lecture and lab.

FRE 107I Intensive Beginning French

An intensive course for the beginning student, covering a full year's work at the college level to prepare the student for the intermediate level of college French. Emphasis is placed upon the four skills of language learning: speaking, understanding, reading, and writing along with an introduction to contemporary culture and civilization. Daily practice in the Language Lab is required. Cr 6. (With lab. Cr 8.)

FRE 207I Intensive Intermediate French
This is an intensive course for the intermediate student, covering a full year's work at the college level. Emphasis is placed upon the four skills of language learning: speaking, understanding, reading and writing. Daily lab work is mandatory. Cr 6. (With lab, Cr 8.)

FRE 399 French Literature—The Art of Analysis
Varied literary readings will introduce students to techniques of literary analysis and critical interpretation. Readings, discussions and dissertation in French. Prerequisite: French 202 or equivalent. Cr 3.

GER 107I Intensive Beginning German
An intensive course for the beginning student, covering a full year's work at the college level to prepare the student for the intermediate level of college German. Emphasis is placed upon the four skills of language learning: speaking, understanding, reading, and writing along with an introduction to contemporary culture and civilization. Daily practice in the lab is required. Cr 6. (With lab, Cr 8.)

LAT 199 Latin Redux
An intensive refresher course for those who have read Latin literature in secondary school or college, and for those who would benefit from additional guided practice and skills development in Latin before tackling Latin literature for the first time. It assumes a prior familiarity with declension and conjugation systems. It will also incorporate a variety of modern second language classroom strategies. Cr 3.

RUS 299 Intensive Intermediate Russian
An intensive course for the intermediate student covering a full year's work at the second year level. Emphasis is placed upon the development of listening, comprehension, speaking, reading and writing skills. Offered during the summer only. Prerequisite: Russian 102 or equivalent. Cr 6.

SPA 107I Intensive Beginning Spanish
An intensive course for the beginning student, covering a full year's work at the college level to prepare the student for the intermediate level of college Spanish. Emphasis is placed upon the four skills of language learning: speaking, understanding, reading, and writing along with an introduction to contemporary culture and civilization. Daily practice in the lab is required. Cr 6. (With lab, Cr 8.)

SPA 207I Intensive Intermediate Spanish
This is an intensive course for the intermediate student, covering a full year's work at the college level to prepare the student for an advanced language level. Emphasis is placed upon the four skills of language learning: speaking, understanding, reading and writing. Readings and discussions of contemporary Hispanic civilization and culture are included. Daily lab work is mandatory. Cr 6. (With lab, Cr 8.)

SPA 399 Readings in Spanish
Varied literary and cultural readings providing a bridge from the intermediate level to literature and other advanced content courses in Spanish. Discussions, written exercises and examinations in Spanish. Prerequisite: Spanish 202 (or equivalent) or permission of the instructor. Cr 3.

Geography and Anthropology

ANT 101J Anthropology: The Cultural View
This course is a basic introductory survey of cultural anthropology. It examines the differences between cultures as well as cultural universals, and the relationship between social organization, ideology, economics, and political structure in different types of societies. It reviews the various theoretical approaches in cultural anthropology's attempt to explain human behavior presenting examples from foraging, farming, and contemporary industrial societies through readings and films. This course is required for all geography-anthropology majors. Cr 3.

GEO 199 International Geography
This course will blend the recent upsurge of global events and the student's desire to be knowledgeable of geographic locations and influences. Up-to-date insights and assessments of regions and countries will be examined by selective article readings, maps, video, lecture and class dialogue. Particular emphasis will be placed on the former USSR, the Middle East, South America, and the European community. Cr 3.

GEO 299 Physical and Cultural Geography of Russia
The focus of this course is a practical introduction to the physiographic and cultural landscapes of the Russian Heartland, Siberia, and the post Soviet Far East. An in-depth look at several contemporary debates on human/natural resources, environmental problems, business cultures, and futures for Russia will be analyzed through lecture, video/slides and class dialogue. Class includes a hands-on research project and up-to-date readings on Russian geographic and cultural changes. Cr 3.

GYA 300 Archaeology Field School—Casco Bay
See Special Programs section of this catalog.

GYA 300 Ecological and Archaeology Field School—West Indies
See Special Programs section of this catalog.

Geosciences

GEY 111K Physical Geology
A study of the ever-changing earth by wind, water, volcanism, plate tectonics, and glaciation. GEY 111K may be taken without GEY 112K. Cr 3.

GEY 112K Physical Geology Lab
Identification of common rocks and minerals, introduction to topographic maps, and development of the processes covered in lecture; field trips when weather permits. To be taken concurrently with GEY 111K. Cr 1.

GEY 299 Field Studies in Environmental Geology
See Special Programs section of this catalog.

OCE 100K Introduction to Oceanography
Origin and extent of the oceans; nature of the sea bottom; causes and effects of currents and tides; chemical and physical properties of sea water; animal and plant life in the sea. Cr 3.

OCE 101K Oceanography Laboratory
A laboratory course in which the student is introduced to some of the techniques and technical processes involved in oceanic measurements and data reduction. Prerequisite: OCE 100K which may be taken concurrently. Cr 1.



History

HTY 101I Western Civilization I
A basic survey and introduction to the heritage of Western man from ancient to early modern times. Particular attention is given to the ancient civilizations of Egypt, Greece, and Rome. Medieval civilization is explored with a focus on the institutions it bequeathed to the modern world. The Renaissance and Reformation and the rise of the great nation-states are studied. Throughout the course, important individuals are considered such as Alexander the Great, Caesar, Charlemagne, Michelangelo, and Elizabeth I. The course also introduces students to historical method. Cr 3.

HTY 102I Western Civilization II
A basic survey and introduction to the heritage of Western society from early modern times to the atomic age. Particular attention is given to the Enlightenment, the French Revolution, the rise of the industrial era, the growth of nationalism, and the World Wars. Personalities such as those of Napoleon, Hitler, and Stalin are studied. The course also introduces students to historical method. Cr 3.

HTY 131I United States History to 1877
A basic survey and introduction to the field of American history, covering the political, social, and economic development of the United States through Reconstruction. Cr 3.

HTY 132I United States History Since 1877
The course is a continuation of HTY 131I. A survey of American political, social, and economic development since about 1877. Cr 3.

HTY 162I Introduction to African History Since Partition
A survey of the Colonial era, the transformation of African societies, the rise of nationalist movements, wars of liberation, and early years of the new era of independence. Cr 3.

HTY 300 History Internship
Professional experience in one of a variety of positions in public and private institutions that utilizes the knowledge and research skills of historians. Students work one day per week, keep a journal, write an evaluation, and are visited on the job by a faculty member. Open to selected students: see department chair for details. Graded pass/fail, so does not count for major credit. Can be taken twice. Cr 3.

HTY 316 French Revolution and Napoleon
The course takes the French Revolution as a climax of major intellectual, political, and social trends in eighteenth-century Europe. Thorough coverage is given to the Old Regime, the Enlightenment and the influence of the American Revolution. There is in depth analysis of the coming, course and outcome of the French Revolution itself, and its impact outside France. The Napoleonic era is handled as the culminating phase of the revolution and as a major influence on nineteenth-century Europe. Prerequisite: HTY 102I or permission. Cr 3.

HTY 360 History of Maine
A survey of Maine's social, economic, and political life from exploration and early settlement to the present. Cr 3.

HTY 364 History of Women in the United States
A chronological survey of the evolving role of women in the development of the United States from the Colonial Period to the present. Cr 3.

HTY 394 Judaism, Christianity, and Islam: Origins and Interactions
On one level, this course is a fairly straightforward survey of the origins and early revolutions (both institutional and theological) of the three religions. This survey also will note some of the lineal and historical coincidental relationships which exist(ed) among the three. At the same time, the course also uses the three religions as convenient vehicles for exploring certain phenomena which are common to all three: e.g., the "institutionalization" of charismatic prophecy and the formation of a sacred, literary canon. Cr 3.

HTY 399 The Vietnam War

An examination of the military events of the Vietnam conflict as well as the political, social, and cultural contexts in both the U.S. and Vietnam. No prerequisites. Cr 3.

HTY 399 Sport in American Culture

This course concentrates on the emergence of sport as a significant institution in American culture. How it emerged, why it emerged, how it has been appropriated by various individuals and groups to define cultural identities, and the political and economic control of sports will be central concerns of the course. The course will explore the relationships between social class, culture, leisure, and sport in the preindustrial and industrial world of the eighteenth and nineteenth centuries. Our analysis of sport in the twentieth century will focus on the association between sport nationalism, gender, race, and the media—particularly the influence of Hollywood. Cr 3.

HTY 434/534 Maine History and Travel

This course provides an opportunity to pursue independent study in Maine history (especially southern Maine) since 1820. There will be discussions, oral reports and field trips to a variety of sites located in easy range of USM. Cr 3.

Linguistics

LIN 112E Analyzing Language

In this course, students will become aware of their tacit knowledge of the rules and principles that guide language usage. They will learn how to formulate these rules and how to test and evaluate claims about the form that the rules take. Students will thereby develop skills in analysis and argumentation that are applicable in many areas of study. The course will concentrate on the analysis of sentence structure, but will also deal with the sound system, word structure, meaning, and language acquisition. Cr 3.

LIN 201J Child Language

An introductory overview of the phenomena of communication and language development. The course deals with the process by which children become able to understand, to speak, and to use effectively their native language. It touches on the development of the sound system, word learning, the emergence of sentence structure, and the development of communicative competence. Cr 3.

Mathematics

Note: Credits earned for MAT 010 and MAT 011B will not count towards fulfilling a baccalaureate degree.

MAT 010 Elementary Algebra

The first course of a two-course sequence designed for students who are deficient in high school algebra. Topics covered include: basic operations with integers and rational numbers; equations with variables; algebra word problems; operations with polynomials and algebraic fractions (including factoring), and operations with exponential and radical expressions. Prerequisite: MAT 009 or its equivalent. Associate degree credit only. Cr 3.

MAT 011B Intermediate Algebra

A continuation of MAT 010. Topics include: graphing linear equations in two variables; quadratic equations; graphs of functions and relations; conic sections; solutions to systems of equations; solutions for inequalities; and exponential and logarithmic functions. Prerequisite: one year of high school algebra or MAT 010. Associate degree credit only. Cr 3.

MAT 100D College Algebra

The real number system, algebraic operations, sets, equations, inequalities and their graphs, functions and relations, quadratic functions, exponential and logarithmic functions, theory of equations, systems of equations, permutations, combinations, probability, sequences and series, matrices and determinants, and mathematical induction. Prerequisite: two years high school algebra. Cr 3.

MAT 105D Mathematics for Quantitative Decision Making

This course is designed to give students not majoring in mathematics or related fields an understanding of some key ideas in quantitative decision making. The material is chosen to develop awareness of the utility of mathematics in life and to instill an appreciation of the scope and nature of its decision making potential. The computer packaged programs may be used as tools to assist the students in performing calculations necessary for the decision-making process. Prerequisite: successful completion of the University's Mathematics Proficiency. Cr 3.

MAT 110D Business Calculus

A unified treatment of the elementary functions of analysis; their analytical properties including derivatives, integrals, and series; introduction to multivariate calculus; applications. Prerequisites: successful completion of the University's Mathematics Proficiency and a passing grade on an algebra competency test which will be administered at the first class meeting. Cr 3.

MAT 120D Introduction to Statistics

An introductory course including basic probability, random variables, and their distributions; estimation and hypothesis testing; regression and correlation. Prerequisite: successful completion of the University's Mathematics Proficiency. Cr 3.

MAT 140D Pre-Calculus Mathematics

A brief review of elementary algebra followed by a study of the algebraic, exponential, logarithmic, and trigonometric functions. Prerequisites: successful completion of the University's Mathematics Proficiency, and a passing grade on an algebra competency test which will be administered at the first class meeting. Cr 3.

MAT 152D Calculus A

This is the first of a sequence of three basic calculus courses covering functions of one or more variables, graphs, limits, derivatives, integrals, optimization, infinite series, vectors, and various applications. Calculus A provides an introduction to the differential and integral calculus of functions of one variable. Prerequisites: two years of high school algebra plus geometry and trigonometry, or MAT 140D. Cr 4.

MAT 153 Calculus B

A continuation of Calculus A. Calculus B will usually include infinite series and an introduction to vectors. Prerequisite: MAT 152D. Cr 4.

MAT 211 Probability

Common probability laws and distributions of discrete and continuous random variables; matrix operations and applications in probability. Prerequisite: MAT 110D or MAT 152D. Cr 3.

MAT 212 Statistics

Sampling distributions; estimation; hypothesis testing; introduction to regression analysis and analysis of variance. Applications primarily in business and economics. Prerequisite: MAT 211. Cr 3.

MAT 252 Calculus C

Multivariate calculus and vector calculus. Prerequisite: MAT 153. Cr 4.

MAT 381 Introduction to Probability and Statistics

Basic concepts of probability theory with an introduction to its statistical applications. Particular topics will include discrete and continuous distributions, moment generating functions, characteristic functions, limit theorems, sampling distributions, basic elements of estimation and hypothesis testing and simple linear regression. Prerequisite: MAT 153. Cr 4.

MME 514 Laboratory: Project ASPIRE Calculus II

This is a supervised practicum designed to prepare academically qualified, experienced high school faculty to teach sections of introductory calculus offered by the Department of Mathematics and

Statistics at USM. Prerequisite: MME 513, must be taken concurrently with MME 520. Cr 3.

MME 520 The Teaching of Calculus in Secondary Schools II

This is a review of basic calculus and will include functions of one or more variables, graphs, limits, derivatives, integrals, applications of derivatives and integrals, optimizations, infinite series, and analytic geometry in the plane. Prerequisite: An undergraduate degree in mathematics, teaching experience, and recommendation of the high school principal and the department chairperson. Students must apply directly to the instructor for acceptance to the course. Cr 3.

Music

MUE 599 Kodaly Workshop

See Special Programs section of this catalog.

MUS 100G Music Appreciation and History

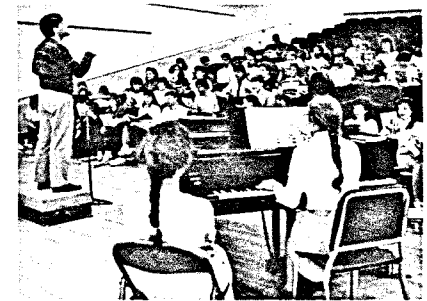
A survey of music from the Gregorian chant to modern times, covering musical practices of the renaissance, baroque, classical, romantic, and contemporary periods. Representative works by the outstanding composers of each period. Cr 3.

MUS 103G Introduction to Jazz

A survey of jazz from its inception to the present day. Involves a study of the origins and stylistic development of jazz. Cr 3.

MUS 110F Fundamentals of Music

A background study of concepts and skills essential to an intelligent reading of music. The development of natural music abilities through participating in singing, rhythmic activities, and instrumental work. An appreciation of music through awareness of basic structures. Cr 3.



New England Studies

Note: All students who have not been accepted into the New England Studies Program must have written permission from the director before taking any New England Studies course.

NES 644 Twentieth-Century New England Politics

This course examines the politics of New England since 1900, with emphasis on conflicts among the distinct subcultures (White Anglo Saxon Protestant, European-American, and African-American) which have given the region's politics its particular flavor. Special attention will be given to two dramatic political events—the Sacco-Vanzetti case and the Boston busing controversy—in which these conflicts played a significant role. Cr 3.

Philosophy

PHI 106E Introduction to Philosophy: Why Philosophize?

The course centers about the exploration of a single question: what it means to think philosophically. In the context of this question, we will examine what are the sources of philosophical thought and whether philosophy can justify its claim to be the foundation of all reflective endeavor. Cr 3.

PHI 109E Law, Politics and Society

This course examines the traditional political questions which face every society: who should rule? what approach should the rules be? and why should the rules be obeyed? The approach is largely historical. One classical work, Plato's *Republic*, is read nearly in its entirety. The relevance of enduring answers to these questions to contemporary social issues is also stressed. Prerequisites: ENG 100C or concurrent. Cr 3.

PHI 199E Wisdom: An Introduction to Philosophy

This course will return to the etymological and historical roots of philosophy in order to introduce the student to the subject. "Philosophy" originally meant in ancient Greek "love (philia) of wisdom (sophia)." We will read, philosophically, some of the major wisdom texts of the (pre)ancient and (post)modern periods, beginning with texts like Buddha's "Fire Sermon," Lao Tzu's *Tao Te Ching* and Aesop's *Fables*, and ending with the works of Marx, Freud, Black Elk and Bataille. The object of the course is to understand what is wisdom, its causes and aims. To do so, if the etymology is right, is to be introduced to philosophy. Cr 3.

Physics

AST 100K Astronomy

A descriptive survey of modern astronomy. Topics include theories about the origin and development of the universe, stellar evolution, the solar system, galaxies, observational methods and recent discoveries. Optional evening observations with telescopes are included. No prerequisite. Cr 3.

AST 103K Activities and Experiments

May be taken concurrently with AST 100K to fulfill requirements for a science laboratory experience. Includes exercises on the Moon's orbit, Earth's orbital motion, rotation of Saturn's rings, the Sun, the Crab Nebula, variable stars, pulsars, Hubble's law, and galaxies. Two planetarium sessions. Prerequisite: AST 100K. Cr 1.

PHY 111K Elements of Physics I

This course is an introduction to the fundamental concepts of mechanics, sound and heat. Lectures, problem solving, demonstrations, laboratory exercises will be used to develop an understanding of physical phenomena. This course is not recommended for students planning to major in the physical sciences or engineering. Prerequisite: high school algebra. Cr 4.

PHY 112 Elements of Physics II

A continuation of PHY 111K introducing the concepts of electricity, magnetism, optics, and modern physics. Prerequisite: PHY 111K or equivalent. Cr 4.

PHY 123 General Physics II

A continuation of PHY 121K, introducing the concepts of electricity, magnetism and light, using calculus. This course is intended for students who plan further study in physical sciences, mathematics, or engineering. It should be taken with PHY 124. Prerequisites: PHY 121K or equivalent and one semester of calculus. Cr 4.

Political Science

POS 101J Introduction to American Government

This course focuses on the political institutions, processes, behavior, and problems of government in the United States. The national government is emphasized. Key topics include: the Constitution, Supreme Court, Congress, Presidency, political parties, public opinion, and interest groups. Cr 3.

POS 102J People and Politics

This course introduces the student to modern political analysis. It centers on basic questions in the study of political behavior; how people learn about politics, what kind of political system they adopt and support, who does and who does not participate in politics, how political conflict is expressed and resolved in various societies. The course aims at familiarizing the student with major approaches or methods that political scientists have found helpful for understanding real political behavior. Note: POS 101J is not a prerequisite for POS 102J. Cr 3.

POS 120 Government and Politics of Maine

This course concerns Maine State Government, including legislative, executive and judicial programs and powers as exercised within the system of Maine values, political parties, and interest groups. Open to political science majors and as an elective to the student who has an interest in the programs and politics of the state of Maine. No prerequisite. Cr 3.

POS 499 Twentieth-Century New England Politics

This course examines the politics of New England since 1900, with emphasis on conflicts among the distinct subcultures (White Anglo Saxon Protestant, European-American, and African-American) which have given the region's politics its particular flavor. Special attention will be given to two dramatic political events--the Sacco Vanzetti case and the Boston busing controversy--in which these conflicts played a significant role. Cr 3.

Psychology

PSY 101J General Psychology I

This course is an introduction to the study of behavior as a natural science. Among the topics covered are: method of inquiry, physiological foundations of behavior, sensation and perception, motivation and emotion, learning and thinking. This course is a prerequisite for all courses in the department. Cr 3.

PSY 102 General Psychology II

A continuation of Psychology 101J. It deals with complex psychological processes such as ability testing, personality, conflict, behavior disorders and therapy, and social and industrial behavior. Prerequisite: PSY 101J. Cr 3.

PSY 311 Industrial Psychology

Critical treatment of research methods in personnel selection and evaluation and current theories of individual behavior in complex organizations such as government and business. Prerequisites: PSY 101J and 102. Cr 3.

PSY 330 Social Psychology

The psychological principles that enter into the social behavior of the individual. Areas of consideration include perception, communication, attitude formation, interpersonal attraction, and group behavior. Prerequisites: PSY 101J and 102. Cr 3.

PSY 333 Psychopathology

The etiology, development, and manifestation of the major forms of mental illness with particular emphasis upon the neuroses and psychoses are discussed. Psychological, social, and biological factors which contribute to maladjustment are examined. Prerequisite: PSY 101J and 102. Cr 3.

PSY 361 Sensation and Perception

This course examines perceptual processes in selected sensory systems. Emphasis is on ex-

perimental methodology, research findings, and theoretical interpretations. Prerequisites: PSY 201D and 205. Cr 3.

PSY 365 Physiological Psychology

Basic neuroanatomy, neurophysiology, and endocrinology; and the relationships between nervous system functioning and behavior. Physiological analysis of sensory function, motivation, and learning. Prerequisites: BIO 105K and 111; PSY 101J, 102. Cr 3.

PSY 400 01 Sports Psychology Institute

See Special Programs section of this catalog.

PSY 400 02 Childhood Psychopathology

See Special Programs section of this catalog.

Social Work

SWO 388 Substance Use and Abuse: Alcohol and Other Drugs

Examines the use and abuse of psychoactive substances: street drugs, prescription drugs, alcohol, caffeine and nicotine. Consideration of the history, pharmacology, and physical and psychological effects of each substance. Exploration of prevention and treatment models, with special reference to those in use locally. Prerequisite: junior standing or permission of instructor. Cr 3.

Sociology/Criminology

CRM/SOC 215J Criminology

This course focuses on the difficult question "What is crime?" and on problems concerning the measurement and distribution of crime. The criminology course examines some of the popular misconceptions and myths about crime, the creation and utility of official and unofficial crime statistics popular presumptions about the causes of crime, and the institutional responses to crime in our society. This course is one of the two basic courses in the Criminology Program, along with Law and Society (SOC 336). Prerequisite: SOC 100J or permission of instructor. Cr 3.

CRM/SOC 216 White-Collar Crime

This course provides an analysis of the different sociological perspectives on white-collar crime as well as focusing on some specific types of white-collar crime: organized crime, occupational crime, corporate crime, political crime, and state terrorism. The course also discusses what can be done to curb these types of white-collar crime. Prerequisite: CRM/SOC 215J. Cr 3.

CRM/SOC 317 Gender and Crime

This course provides a feminist analysis of gender as related to the criminality of both males and females. The course focuses on gender and inequality, the gender bias of criminological theory, and the role gender plays in various forms of criminality, from interpersonal violence to syndicated and corporate crime. Prerequisite: one 200-level SOC course or permission of instructor. Cr 3.

SOC 100J Introduction to Sociology

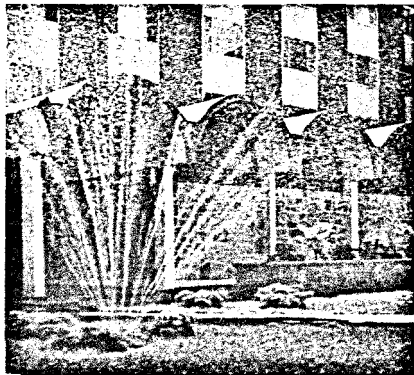
This course discusses the fundamental concepts, principles, and methods of sociology; analyzes the influence of social and cultural factors upon human behavior; evaluates effects of group processes, social classes, stratification, and basic institutions on contemporary society. Cr 3.

SOC 311 Social Change in Eastern Europe

This course takes a social and cultural approach to studying social change in Eastern Europe. The unique history of the area, its art, religion, and social relationships will be analyzed as background for understanding the concept of social change within a very specific socio-historical context. Prerequisite: one 200-level SOC course. Cr 3.

SOC 337 Juvenile Justice

Examination and analysis of juvenile justice philosophies, processing, and treatment with an emphasis on historical and comparative materials. Prerequisite: one 200-level SOC course or permission of instructor. Cr 3.



SOC 358 Sociology of Women's Work

This course will introduce the student to the most recent theoretical and empirical research on women's work in the family and in the paid labor force. Sociological definitions of work, theories of discrimination, and the role of ideology will be examined. Students will evaluate contemporary strategies to equalize pay and employment opportunities. Prerequisite: one 200-level SOC course or permission of instructor. Cr 3.

SOC 374 Mental Health and Mental Illness

An examination of theories of the "causes" of "madness" and the treatment of the mentally ill. Particular attention on the influence of culture on the definition of illnesses, the relationship between social factors and illness, and the social context of treatment. Prerequisite: one 200-level SOC course or permission of instructor. Cr 3.

Theatre

THE 101G Introduction to Drama

This is a lecture-discussion course designed to provide students with a conception of the development of the theatre and its literature. The course consists of a survey of Greek, medieval, Elizabethan, French neo-classic, and 18th, 19th and 20th century theatre and drama. Cr 3.

THE 102F Acting: Performance

This course will introduce core students to theatre through the eyes of the performer. The student will gain a basic understanding of theatre as a performing art through lecture, discussion and performance of scenes. Improvisational exercises, relaxation techniques and character analysis strategies will be included. Students will also attend campus and area theatrical productions and be required to write critical reviews of the performances. Cr 3.

THE 170F Public Speaking

This is an introductory course in the fundamentals of public discourse. Primarily a lecture-performance course, students will learn the basics of informative, persuasive, and argumentative speaking, as well as the processes of problem-solving and informative discussion. Cr 3.

THE 370 Advanced Oral Interpretation

This course is offered as part of the Readers Theatre Institute. See Special Programs section for more information.

THE 371 Reader's Theme

This course is offered as part of the Readers Theatre Institute. See Special Programs section for more information. Cr 3.

Women's Studies

WST 299 Politics of Difference

This course will expose students to some of the complex historical and cultural relationships between the traditional goals of mainstream feminist movements and those of other oppressed, marginalized, and excluded populations. It will also introduce students to recent debates regarding the advantages and disadvantages of using "race," "gender," "sexuality," and "ethnicity" as organizing categories. Films will be used to illustrate these categories. Cr 3.

School of Business, Economics and Management

Accounting

ACC 201 Principles of Financial Accounting

This is an introduction to accounting principles and concepts. Emphasis is placed on understanding financial statements and the accounting for assets, liabilities, equities, revenue, and expenses. Prerequisite: sophomore standing. Cr 3.

ACC 202 Principles of Management Accounting

This course focuses on uses of accounting information to assist in managerial decision making. Emphasis is placed on fundamentals of cost accounting, inventory controls, cost-volume-profit analysis, capital and other budgeting, statement of cash flows, income tax considerations, and quantitative techniques. Prerequisites: computer proficiency or ABU 190 and ACC 201 and sophomore standing. Cr 3.

Undergraduate Business

BUS 280 Legal Environment of Business

This course introduces students to the legal system, consumer law, agency law, administrative law, antitrust law, labor law, equal employment law, environmental law, and other topics. It stresses the social responsibility of business and the legal and ethical framework in which businesses must function. Cr 3.

BUS 327 Investment Management

Provides the planning and management of investment programs for all types of investors. Evaluates the various media of investments in terms of their risks and profits. The functions of the stock market and its behavior are examined. Prerequisites: ACC 201, BUS 320, and junior standing. Cr 3.

BUS 340 Management

This is a comprehensive introductory survey of the problems encountered by managers and the practices they employ in planning, organizing, leading, and controlling organizations. The role of the general manager in business is explored, as is the behavior of other individuals and groups within business organizations. Among the various topics covered are: development of management as a discipline, motivation, power, leadership, strategic management, decision making, organizational design, job design, information and control systems, and other areas related to the functions and process of management. Prerequisite: junior standing. Cr 3.

BUS 346 Personnel and Human Resource Management

An analysis of the issues involved in the professional practice of personnel and human resource management. Topics include human resource planning (strategy, job analysis and forecasting), staffing (recruitment and selection), performance appraisal, compensation and reward system design, training and development, employee rights and safety, labor-management relations, legal aspects of human resource management practice, and the international dimension of human resource management. Prerequisite: BUS 340. Cr 3.

BUS 450 Business Management and Policy

This course discusses administrative practice at the higher levels of business management through case analysis and discussion. The course attempts to coordinate the background of business majors in the formulation and administration of sound business policy. Prerequisites: BUS 320, BUS 340, BUS 360, BUS 371 and senior standing. Cr 3.

BUS 452 Organizational Behavior

An analysis of the interplay between individual and group behavior, leadership styles and the culture of an organization. The findings of behavior science are applied to such processes as motivation, influence, the structure of work, organizational design, leader-group relations and organizational change. Models, case studies, simulations, and applications. Prerequisites: BUS 340 and junior standing. Cr 3.

Graduate Business

MBA 610 Managerial Economics

A study of business decision making in the economic environment. Pricing and large-scale, long-term output decisions are approached via the specific demand and cost functions of a firm in the context of its competitive environment. Topics include mathematical optimization, applied multi-

ple regression, time series analysis, economic theory of consumers and the firm, decision analysis, and game theory. Prerequisites: MBA 601 A & B, MBA 603, MBA 604, and computer application skills. Cr 3.

MBA 627 Investment Management

A systematic and in-depth treatment of security analysis and portfolio management. The security analysis segment develops E-I-C methodology augmented by deterministic valuation models. A major empirical analysis is carried out in conjunction with the theoretical developments. The portfolio management segment develops Markowitz efficient sets and the subsequent developments as contained in Sharpe-Lintner-Mossin theory. Related readings in Fama-Roberts market efficiency tests are assigned as needed. The empirical analysis component of this segment revolves around generating Markowitz efficient portfolios and measuring beta coefficients. Prerequisite: MBA 620. Cr 3.

MBA 645 International Business

A study of the business firm in the international environment using the model of the multinational firm. It focuses on the application of international trade and investment theory to the management operations of the multinational firm through the use of computer simulation gaming, case studies, and experiential exercises. Prerequisites: MBA 601 A & B, MBA 602 A & B. Cr 3.

MBA 651 Industrial Relations and Personnel Management

This course offers an applications-oriented overview of the fundamental issues involved in the practice of personnel and human resource management. Human resource productivity and quality of work life are the principal foci of this course. Topics covered include: human resource planning, staffing, performance appraisal, compensation and reward system design, training and development, employee rights, employee-management relations and the international dimension of personnel and human resource management. Prerequisite: MBA 642 or permission of instructor. Cr 3.



Associate Business

ABU 101 Principles of Economics I

A theoretical analysis of the basic characteristics, institution, and operational activities of a modern capitalistic economy which is involved in the transformation of scarce economic resources into the goods and services demanded by consumers. Topics discussed include inflation, unemployment, government monetary and fiscal policy to achieve full employment, and economic growth. (Cannot be applied toward Core curriculum requirement in Social Science.) Cr 3.

ABU 111 Principles of Financial Accounting I

An introduction to the accounting cycle through financial statements. A practical emphasis of accounting methodology with coverage of cash, accounts receivable, and inventory. Cr 3.

ABU 119 Written Business Communication (formerly ENG 019)

This course introduces students to business communication strategies and provides practice in the application of those strategies using the case method. Students will discuss and write business letters, short and long reports and employment writing. Cr 3.

ABU 220 Introduction to Business Finance

A study of the promotion, organization, and financing of the single proprietorship, partnership, and corporation. Such topics as fund flows, ratio analysis, breakeven analysis and leverage, time value of money concepts, cost of capital and capital budgeting are examined. Prerequisites: ABU 101, ABU 102, ABU 111, ABU 112, and MAT 011. Cr 3.

ABU 221 Principles of Real Estate

This is an overview of real estate fundamentals, including rights and interest in land; forms of ownership; contracts; mortgages; ethics; home construction components; elements of listing and selling; as well as the comparative market analysis. This course will also include the state and federal rules and regulations that apply to license law, law of agency and the transfer of real property. Cr 3.

ABU 227 Introduction to Stocks and Bonds

This course provides the planning and management of investment programs for all types of investors. It evaluates the various media of investments in terms of their risks and profits. The functions of the stock market and its behavior are examined. Prerequisites: ABU 101, ABU 102, ABU 111, ABU 112, MAT 011B. Cr 3.

Economics

ECO 201J Principles of Economics I

This is a theoretical analysis of the basic characteristics, institutions, and activities of a modern capitalistic economy. Topics discussed include inflation, unemployment, government monetary and fiscal policy; full employment, and economic growth. Cr 3.

ECO 202J Principles of Microeconomics

This is an introduction to the analysis of individual markets: the functioning of prices in a market economy, economic decision making by producers and consumers, and market structure. Topics discussed include consumer preferences and consumer behavior, production theory and production costs, the monopoly firm, and resource pricing. Additional topics are determined by individual instructors. Cr 3.

ECO 310 Money and Banking

This course examines the structure and operation of the financial system with major emphasis on commercial banking; reviews the structure of the Federal Reserve System and analyzes the tools of policy; develops alternative monetary theories; and discusses major issues in monetary policy. Prerequisites: ECO 201J, ECO 202J, and junior standing. Cr 3.

ECO 360 Economic Development

The theories and practices of interregional and international economic development. Special attention is given to developmental problems of emerging nations. Prerequisites: ECO 201J, and junior standing. Cr 3.

ECO 370 International Economics

Analysis of international markets and exchange theory; functioning of prices in the international economy; international finance, tariffs, quotas, and other instruments of international economic policy. Prerequisites: ECO 201J, ECO 202J, and junior standing. Cr 3.

College of Education Professional Education— Undergraduate

EDU 200 Education in the United States

This course provides an introduction to the study of American education. Problems and issues in contemporary education are examined from several perspectives, including the social, historical and philosophical. Cr 3.

EDU 210 Theoretical Foundations of Learning

An examination of theories of learning and their application to motivation, concept development, classroom management, methodology, and evaluation. Cr 3.

EDU 308 Science for Children

An alternative to EDU 307. This course is conducted in a University science resource center and provides opportunities for students to apply learning theory by exploring current science curricula. Emphasis is on content analysis and comparison and on implementation in public classrooms. A field experience is included whenever possible. Recommended prerequisite: EDU 210. Cr 3.

EDU 335 Exceptional Students in the Classroom

This course shall serve as an introduction to the unique characteristics and needs of exceptional students in grades K-8. Legislation and its implications, roles and responsibilities of the regular classroom teacher, resources and characteristics of exceptional students shall be discussed. Cr 3.

EDU 336 Children's Literature

A survey of children's literature with special emphasis on the selection of appropriate books for children from preschool through the elementary school years. Cr 3.

EDU 358 Teaching Social Studies

The content of this course will focus on teaching strategies appropriate for social studies. Emphasis is on content analysis and curriculum development. Cr 3.

EDU 360 Microcomputer Applications in Education

This course is designed to orient the preservice teacher to the terminology; operation, evaluation and applications of microcomputers, hardware and software, as related to American educational systems. Additionally, the course will deal with traditional electronic and electro-mechanical media as related to modern learning processes. Cr 3.

PHE 304 Health and Physical Education for Elementary Teachers

A basic course for prospective teachers to develop knowledge and skills to acquaint them with essentials for sound program planning in the various areas of health and physical education. Topics include teaching methods and materials, curriculum, class organization, and lesson planning and evaluation in health and physical education. Observation and practical experience with children will be included. Cr 3.

Professional Education— Graduate

EDU 510 Development of the Composition Process

This course in language arts emphasizes the development of writing proficiencies. Writing growth and its relationship to reading and oral language development is examined. A thorough study of current research and theory relating to the composition process leads to the development of instructional programs that will foster students' growth as writers. Appropriate for elementary teachers; most secondary teachers can be accommodated. Cr 3.

EDU 511 Children's Literature

Designed for teachers who wish to develop a deeper understanding of the literature written for children ages 4-12, and who want to become competent and creative catalysts in bringing children to books. Attention is given to standards of selection, curriculum implications, and methods of using books to individualize reading instruction. Students are expected to read widely in juvenile collections in order to establish a basis for selecting appropriate literary fare. Cr 3.

EDU 514 Teaching Reading in Content Areas

This course explores techniques and processes that can be applied by content teachers to improve reading ability. Emphasis is on competencies that students use in content areas and strategies for teaching them how to apply them—a process of integrating the teaching of reading/study skills while teaching a subject matter. The course has practical application for all classroom teachers in grades 4 through 12. Cr 3.

EDU 524 Supervised Practicum in Reading Disabilities

This clinical experience is given in conjunction with the Reading Clinic or the University Reading Academy. Working under supervision, students use selected assessment instruments with adults/children who have learning and reading difficulties. Testing sessions will be unique and geared to specific diagnostic needs perceived by instructors. Cr 1-6.

EDU 529 Reading/Writing Workshop

Clinical experiences require the utilization of diagnostic and prescriptive methods for planning and implementing reading programs for students at different stages of reading progress. Tutoring experiences are augmented and related to the professional literature and research through frequent opportunities to explain and defend observations in seminars. Extensive reading from basic texts, current references, and periodicals are stressed. Emphasis is on the appropriate application of research-validated teaching and diagnostic techniques in supervised settings. Prerequisites: completion of core courses and instructor permission. Cr 6.

EDU 560 ESL Classroom Teaching Practices

This course will explore current methods and practices of English as a Second Language (ESL) at various age and proficiency levels with an examination of the underlying assumptions about language and language learning; the role of the teacher, the role of learners; the nature of learning experiences; and the role of instructional materials. Emphasis will be on evolving a thoughtful approach to meaningful ESL classroom instruction. Cr 3.

EDU 561 Aspects of the English Language

This is a survey course examining the elements of English and their relevance in second language acquisition. The course will analyze the phonetic, morphological, syntactic, and semantic structure of English; the social aspects such as variation, change, and register; and the communicative aspects such as pragmatics, psycholinguistics, and acquisition. Application of these language aspects will be accomplished through problem solving and discussion activities integrating the aspects of English within the second language classroom context. Cr 3.

EDU 600 Research Methods and Techniques

This course studies the concepts, principles, and techniques of educational research with emphasis on scientific inquiry and problem solving, designed for both the producer and consumer of educational research. Individual research proposals and reports are completed. Prerequisite: open to matriculated students only. Cr 3.

EDU 603 Analysis of Teaching

This course provides opportunity to view teaching from the perspective of selected conceptual frameworks and research findings in the theory and practice of teaching. Analysis of individual teaching behavior is an important aspect of this course. Cr 3.

EDU 604 Curriculum Development

This curriculum course will provide students with an understanding of what curriculum and curriculum development are. Using a collaborative approach, teachers and administrators will plan the design of a curriculum consistent with personal ideals and a given context. Students will analyze the curriculum in terms of knowledge, skills, learning processes, and affective dimensions. Special emphasis will be given to the processes of curriculum implementation and curriculum evaluation. Prerequisite: teaching experience or permission of instructor. Cr 3.

EDU 610 Critical Issues in Teaching and Learning

This course provides grounding and direction for a spiral of learning to continue throughout the program. It draws on direct and observed experience of participants, as well as on the literature of theory, research, and practice, to explore critical issues in teaching and learning. It aims to provide students with a process of inquiry useful for identifying, classifying, and analyzing instructional problems and the skill in making decisions about curriculum and pedagogy. Prerequisite: matriculation or permission of instructor. Cr 3.

EDU 622 Language and Literacy for Young Children

The focus of the course is the development of language (both oral and written) in children three through eight years of age. Content includes the characteristics of language learners, the conditions that promote emergent literacy, and organization and management of literacy instruction in the primary grades. Cr 3.

EDU 630 Organizing for Literacy Instruction

The course identifies and explores the components of effective literacy programs at the upper elementary and middle school levels. Emphasis is on the design and implementation of literature-based instruction and management of self-selected reading. Prerequisite: EDU 620. Cr 3.

EDU 672 Political Basis of Decision Making

Educational leaders must be influential beyond the school system as well as within it. Distribution of power and influence across interrelated social systems is seldom equal, leading to competition for bases of influence. This course examines the ramifications of this social circumstance for education with emphasis on administrative decision making. Cr 3.

EDUX 616 Advisory and Guidance Role of the Middle Level Teacher

This course will review the theory and research related to the social and emotional needs of the young adolescent. Curriculum and teaching methods related to the advisory role of the middle level teacher will be examined. Cr 3.

EXE 611 Nature and Needs of Learners Who Are Exceptional

This course focuses on the unique characteristics and educational and social/emotional needs of children and youth who display a range of learning and behavioral difficulties including learning disabilities, mild forms of developmental delay, and mild to moderate forms of behavioral and adjustment problems. Cr 3.

EXE 613 Curriculum and Instruction for Children with Learning and Behavioral Problems

In this course, students will undertake a systematic exploration of effective instructional practices for mildly handicapped children. Topics will include direct instruction, cooperative learning, cognitive approaches to learning problems, as well as a review of exemplary curricular approaches. Students are expected to conduct a variety of classroom application projects and make an in-depth study to several specific approaches. Cr 3.

EXE 615 Classroom and Behavior Management for Learners Who Are Exceptional

This course examines a variety of strategies for promoting positive behavior. Topics include preventing misbehavior through classroom organization strategies, responding to misbehavior in constructive ways, and designing strategies to help children develop appropriate social skills. Students are expected to conduct several classroom application projects. Cr 3.

EXE 684 Administration in Special Education

This is a field-based course designed to offer experience in administering special education programs. The course emphasizes the organization and administration of special education programs. Prerequisite: EXE 611 or permission of instructor. Cr 3.

EXE 687 Technology in Special Education and Rehabilitation

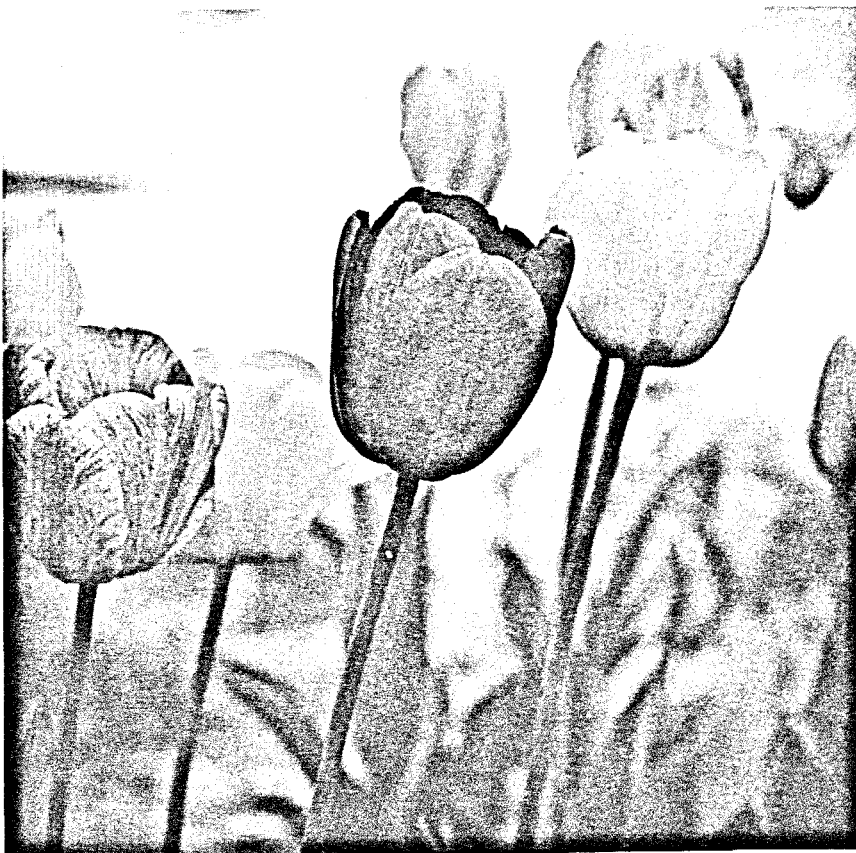
This course introduces students to the use of technology in the education and rehabilitation of individuals with special needs. A range of technological systems will be examined from "low tech" devices such as simple switches to computers, adaptive devices, and software appropriate for handicapped individuals. A variety of equipment, materials, hardware, and software will be available for demonstration and student use. Methods and techniques for evaluation and determination of appropriate and inappropriate use of technology will be stressed. Cr 3.

EXE 692 Transitional Planning and Programming for Secondary Students

The purpose of this course is to introduce participants to the concept of transition from school to work and community living for disabled secondary students. Students will develop skills in interdisciplinary team planning and an awareness of community resources necessary to aid exceptional students in achieving career goals and a satisfactory adjustment to adult life. Cr 3.

EXE 694 Vocational Education for Special Needs Students

This course will provide an in-depth study of appropriate vocations for disabled secondary school students. The skills to be taught are job analysis, job development, and job search and placement. Students will examine regional job opportunities and identify potential training sites, work sites, and employer needs. Cr 3.



Human Resource

HRD 333J Human Growth and Development

This course introduces developmental theory and research which encompasses the entire life span. Emphasis will be on prenatal development through adolescence, with an overview of adult development. A multi-disciplinary view of human development will be taken which considers stability as well as change throughout the life cycle. The interaction of hereditary and environmental factors will be considered in studying physical, cognitive, and psychosocial development. Prerequisite: sophomore level standing. Cr 3.

HRD 600 Adult Education and Human Resource Development

This is the mandatory first course in the master's program. The course introduces the student to adult education, continuing education, and human resource development, including its history, philosophy, and trends in the United States and worldwide. The course also introduces the student to the graduate program and to the network of current students and program graduates. Particular attention is given to career and educational planning, including the assessment of prior experience, the beginning of a professional portfolio, the development of a career plan to be sought through the program, and the development of an educational plan for the completion of the program. Cr 3.

HRD 603 Consultation

This course is designed to introduce students to consultation skills that can be utilized for evaluating organizational structure and individual client management. A variety of theoretical approaches to the role of the consultant will be offered, including focus on behavioral observation, organizational development, relating to staff people as a consultant and communicating the results of a consultation. Prerequisites: HRD 686 and HRD 690, or permission of the supervising professor. Cr 3.

HRD 608 Career Development

This course will focus on the process of career development. Work will be addressed as an activity which has a primary impact on our lives. Career development will be examined as a process which continues throughout the life span. Different theories of vocational choice will be examined and various methods of assessing vocational interests and aptitudes will be explored. Special populations such as disabled, displaced homemakers, and elderly will be discussed. The overall emphasis of the course will be to explore, with participants, career development strategies used in school and community settings. Cr 3.

HRD 614 Principles of Psychosocial Rehabilitation

This course is designed to provide a foundation of knowledge and skills useful in habilitation and rehabilitation work with persons who have psychiatric disabilities. A major emphasis of this course will address skill development and attitudinal changes needed by the helper/counselor/caseworker in implementing a compensatory model vs. a medical model of treatment for persons with psychiatric disabilities. Text material, research articles, guest presentations, videos, community site visits, and "real play" through extensive diad/small group student interaction, will be employed to promote learning. This course is required for master's degree candidates in psychosocial rehabilitation, however, it is also open to persons interested in this innovative approach to mental illness. Cr 3.

HRD 615 Vocational Aspects of Disability/Placement in Rehabilitation

This course involves the practical application of job selection, analysis, modification, and development for the counselor of handicapped persons. The role, function and technique of the rehabilitation counselor in job placement of severely disabled

persons will be examined. Employer and/or industry site visits may be arranged. Cr 3.

HRD 620 Fundamentals of Counseling Skills

This course emphasizes the development of fundamental counseling skills such as attending behavior, listening, reflection of feeling, paraphrasing, and questioning. The course examines the process and content of the counseling interview as well as verbal and non-verbal factors which influence the interactions within the counseling relationship. Primary focus will be to help the student develop greater self-knowledge and skills in interpersonal communication within the counseling relationship. Prerequisite: open to matriculated graduate students only. Cr 3.

HRD 621 Fundamentals of Counseling Theories

This is a course for those who are or will be engaged in counseling in an educational or mental health type setting. Selected theories and techniques are closely examined. The research literature which has a bearing on the effectiveness or noneffectiveness of counseling will be reviewed. Cr 3.

HRD 622 Counseling Young Children

This course is designed to review theories, techniques, and strategies used in counseling young children. Attention will be given to the examination of the counselor's role, the goals of counseling and developing relationships with children. In addition, students will be given the opportunity to explore the uses and techniques of non-verbal languages of counseling including play, dramatics, movement, art and music, and how they relate to child growth and development. Prerequisite: successful completion of HRD 620 or permission of the instructor. Cr 3.

HRD 626 Group Process and Procedures

The course focuses on the basic principles of group development and on the dynamics of group interaction. The improvement of personal interaction processes and their application to other group settings will be emphasized. Open to matriculated students only. Cr 3.

HRD 627 Group Counseling

This course is an extension of basic knowledge and practice in the fundamentals of group dynamics. Emphasis will be on the development of concepts, attitudes, and skills necessary to understand and lead counseling groups in a variety of settings and on the development of a deeper sense of how each participant intervenes in a group. Prerequisite: HRD 626 or equivalent. Cr 3.

HRD 633 Managing Adult Education and Human Resource Development

This course examines the administrative and leadership skills necessary for the development and management of units such as adult education centers, continuing education offices, and training and staff development departments in profit and non-profit organizations. Particular attention is given to the development of mission statements, the use of advisory boards, community needs assessment approaches, developing goals and objectives, program development, personnel management, and the development of a management style. Cr 3.

HRD 640 Human Resource Development in Organizational Settings

Personnel directors, trainers, personnel counselors, career counselors, job designers, employment forecasters, collective bargaining, performance evaluators, and unit managers are among the many organizational members who "develop" the human resources of a work organization. This course examines the theories of human development explicitly or implicitly held by holders of such positions, how divergent or compatible these views are, and the probable effects on employees. The course particularly centers on approaches and tools managers use to develop the human resources of an organization in a conceptually con-

sistent, effective, and human way. A companion course is Human Resource Development in Community Settings, which looks at the interface between community organizations and their clients. Cr 3.

HRD 660 Life Span Development I

This course examines the process underlying growth, development and behavioral changes of humans, from conception through adolescence. The interaction of biological, cognitive, and psychological development during these earlier stages of the life span is described. Cr 3.

HRD 661 Life Span Development II

This course examines the processes underlying growth, development, and behavioral changes of human from young adulthood through old age to death. The interaction of biological, cognitive, and psychosocial development in adulthood is described. Cr 3.

HRD 664 Culture, Tradition and the Life Cycle

This course is designed to provide an understanding of the nature and needs of individuals at all developmental levels. It focuses on the social and cultural foundations, changes, and trends that impact on life span human development. Drawing from the social science disciplines, cultural traditions are examined in relation to changing roles, mores and lifestyles. The course considers specific ethnic groups of northern New England to see how traditions might influence attitudes toward growth potential. Prerequisite: HRD 662 or permission of instructor. Cr 2.

HRD 665 Psychological Measurement and Evaluation

This course focuses on tests and related measurement techniques. The course content will include a review of the history of testing, current issues, fundamental statistics for understanding, using, and evaluating tests, including selected aptitude, intelligence, achievement interest and personality tests. In addition, other standardized and non-standardized evaluation measures will be reviewed. Cr 3.

HRD 674 Abnormal Psychology

This is an overview of normal and abnormal personality development and functioning. Emphasis is on symptom patterns, etiology, and treatment of developmental and behavioral disorders from early childhood through adulthood. Cr 3.

HRD 686 Internship in Counselor Education

This course provides an opportunity for the student to integrate formal coursework with on-the-job experience in selected helping institutions. The course may be taken for 1 to 12 credit hours and is a post-practicalum (HRD 690) experience. Prerequisite: approval of the supervising professor. Cr 1-12.

HRD 687 Internship in Adult Education

This course is designed to provide professional experience in the student's selected area of concern. A plan for the internship is presented for approval to the student's adviser. On approval, the intern completes his/her planned program under the supervision and evaluation of a responsible person for the internship assignment. Cr 1-9.

HRD 688 Internship in School Psychology

The 1,500-clock hour internship is a full-time, supervised experience within a public school system. The internship provides the student with specific skills and competencies in the role and function of the school psychological examiner. Prerequisite: permission of instructor. (Three hours awarded in the fall and spring semesters and two hours in the first summer session) Cr 8.

HRD 693 Life Stories/Personal Myth Making

This course serves as a reflective component of the master's program for counselors, educators, administrators, and other service-providing professionals. It also offers a theoretical and methodological framework for the in-depth study of individual lives. As a course in autobiographical reflection, the underlying assumption is that telling the stories of our lives is an important way of uncovering the personal truth in our lives. As a course in theory and research, it takes an historical look at the study of lives approach to defining personality development across time, drawing upon the writings of those from various disciplines who use personal narratives and life stories as primary documents. This seminar uses a workshop approach, combining autobiographical writing, personal myth making, writing circles, and life story interviews to better understand process and pattern in life cycle development from a subjective point of view. Cr 3.

HRD 698 Directed Study in Human Resource Development

This course provides students the opportunity to pursue a project independently planning and exploring an area of interest within the field of human resource development. The project must be field based, intellectually sound and reflect a high caliber of performance. Specific content and methods of evaluation are determined in conjunction with the faculty supervisor. An approved proposal is a necessary prerequisite to registration. Cr 1-3.

HRD 699 Independent Study in Human Resource Development

This course provides students the opportunity to pursue a project independently, planning and exploring a topic of interest within the field of human resource development. The project must be library based, intellectually sound and reflect a high caliber of performance. Specific content and methods of evaluation will be determined in collaboration with the instructor. An approved proposal is a necessary prerequisite to register. Cr 3.

Professional Development Center

EPD 536 Collaborative Problem Solving across Systems

Using a systems and ecological perspective, this course is designed for counselors, administrators, and teachers. It explores problem solving with individuals, groups and/or organizations. Stress will be given to the problem-solving process, strategic planning, the skills needed to resolve problems and home-school collaboration. Cr 3.

EPD 560 Middle School and Gifted Learner

This course addresses the middle school philosophy as it relates to the gifted learner and examines ways in which the traditional philosophy of gifted child education interfaces with middle school education. Topics include: the affective and academic needs of students; the relationship between affective and academic curricula; instructional strategies, including cooperative learning and grouping/regrouping to meet the needs of students; practices of placement; and working with other educators to develop and manage programs. Cr 3.

EPD 561 Curriculum Institute

Each year the Professional Development Center and the Instructional Leadership program jointly sponsor a one-week curriculum institute for curriculum directors and teachers/leaders. Located at the Stone House at Wolfe Neck Farm in Freeport, this course is designed in a format conducive to intensity of collaboration and thought around curriculum issues that will be derived from needs assessment conducted in advance of the class. Cr 3.

EPD 564 Counseling Traumatized and Disordered Children

Many children experience severe emotional trauma from a variety of stimuli: physical illness, death of a relative, divorce, abuse, homelessness, accidents, alcohol/drug abuse, and other circumstances. Counselors in schools and community agencies, school psychologists, social workers, and other human resource specialists are called upon to help these children with their emotional and psychological struggles. This course will provide an overview of traumatizing experiences and how they impact children. It will also present methods of intervention with children and provide specific techniques to use with the problems children encounter. Emphasis will be placed on interventions that focus on working with individual children, their families, school personnel, and related community resources. Cr 3.

EPD 592 Identifying and Nurturing Multiple Talents in Gifted Students

This course is designed for individuals who are responsible for recognizing and nurturing multiple talents within students. Topics include: planning and implementing learning experiences; developing instructional materials for enhancing multiple talents; creative learning environments conducive to creativity; and evaluating student growth in areas of productive thinking, communications, forecasting, decision making and planning. Cr 3.

EPDI 501 Cooperative Learning in the School Setting

This course provides the learner with an overview of cooperative learning systems and practical approaches to implementing cooperative learning techniques and activities in a school setting. Special emphasis will be placed on solving problems attendant to heterogeneous grouping, evaluating individual learnings in a group setting, and designing activities that engage all students in multiple modes of learning. Cr 3.

EPDI 502 Using Mac Computer with Special Needs Students

This course examines the specialized use of the Macintosh computer with students with special needs. Introductory material focuses on the basic operational procedures of the Macintosh. The uses of Macintosh software and how the software can enhance learning processes are explored, with special adaptations of the Macintosh for students with special needs demonstrated. No previous experience with the Macintosh is required. Cr 3.

EPDI 517 Computer Networking: Linking Educators and Students to the Global Village

This course explores educational telecomputing as a vehicle for communication among K-12 students, teachers, and administrators as well as among personnel of post-secondary institutions and the private sector. Skills for using telecommunication networks, electronic mail and bulletin boards, and computer conferencing will be taught. Emphasis will be placed on promoting educational improvement through teacher exchanges of instructional ideas, facilitating student motivation to read and write through use of technology; and the reducing of teacher and administrator isolation by providing access to colleagues in schools and corporate settings. Cr 3.

EPDI 527 Educational Implications for the Language Learning Disabled Student

This course will focus on definition, diagnosis and intervention of the expressive and receptive language processes of the language impaired population, specifically the language learning disabled student. Language processing and the various difficulties and disabilities children exhibit in this area will be defined using an information processing model. Various effects of language disabilities on school behavior, social interaction, and academic development will be addressed. Collaborative teaching among specialists and mainstream issues will be covered. Cr 3.

EPDI 548 Leadership Training in Experiential Education

Designed to blend the process and interdisciplinary approach of experiential education with more traditional forms of learning, this course for teachers will be held at USM's Outdoor Learning Center at Wolfe's Neck Farm. The focus of the course is to provide teachers with experiential oriented programs and learning experiences, both direct and vicarious, in self-assessment, group dynamics, value formation, curriculum development and evaluation. Cr 3.

EPDI 585 Literacy Instruction in the Middle School

This course is for middle school teachers who are interested in designing and implementing an interdisciplinary curriculum that integrates the teaching of reading and writing. The focus will be on incorporating appropriate adolescent and classic literature, using journals and peer reading groups, increasing communication skills using the Foxfire approach, creative writing activities, and the mainstreaming of special education students into a language arts classroom. Cr 3.

EPDI 586 Whole Language Teaching: PS-Grade 3

This course for teachers focuses on teaching through the whole language approach. Sessions will explore the philosophical base of the approach, whole language technique, the role of the teacher and learner, the writing process for young children, shared books, thematic teaching and webbing. There will be practice sessions in producing classroom materials. Cr 3.

EPDI 588 Valuing Literature: Beyond Interpretation and Meaning

This course, designed especially for middle/senior high school teachers of English, social studies, and humanities, evolves from the premise that values conveyed through literature need to be weighed for acceptance or rejection by the reader. The course provides practice in the use of "value prioritization" models to investigate material from perspective of personal and universal values. Course readings include Aristotle, Pascal, Emerson, Wordsworth, and T.S. Eliot. Cr 3.

EPDI 596 Law Related Education Institute: Developing Citizen Values, Knowledge and Skills

This course will explore law related education looking at the purpose of law as well as the structure and process of the judicial system. Areas such as family law, juvenile justice, individual rights and the rudiments of legal research are topics. Interactive techniques such as mock trials, case studies, and simulations will be integral to the program. The course is directly applicable to teachers of social studies, history, government and law; others are encouraged to apply law related education methods, content and resources in their own areas. Free curriculum materials will be provided. Cr 3.

EPDI 597 Planning for Change in Schools

This course is for educators who are involved in planning, implementing, and evaluating change in schools. The course is designed to assist educators in understanding models of change, assessing personal and professional resources for supporting the change process and leadership development, and utilizing strategies for implementing change effectively and efficiently. Cr 3.

EPDI 598 "At Risk" Children in a Holistic Curriculum (Grades 4-8)

This course focuses on techniques for "jump-starting" the reading and writing development of reluctant fourth through eighth graders. Topics include motivation, immersion models, children's literature, writing process, curriculum integration, parental involvement, and portfolio assessment. Cr 3.

EPI 599 Developing Counseling Support Groups

This course is designed for school counselors who are working to establish a group counseling program in their schools. Through experiential activities to identify steps to building a successful program, participants will develop a plan of action for their schools. Topics addressed include advanced group counseling skills, group activities, coleadership, rationale for groups and community support for group programs. Cr 3.

EPI 501 Curriculum as Collaborative Work of Art

This course is the third curriculum institute offered by the PDC and the Instructional Leadership Program using a transformational orientation to curriculum. Using the language of art, the course will develop the metaphor, "curriculum is a collaborative work of art" in the setting of the Stone House at Wolfe's Neck Farm, which inspires an interactive planning process. Cr 3.

EPI 502 Multi-Age Education

This course will examine the rationale for multiage teaching with a review of current research. Models of multiage education currently being used in Maine will be presented. Types of curricula, classroom organization strategies as well as political considerations surrounding the change to multiage education will be addressed. Cr 3.

EPI 505 Advanced HyperCard Development

This course will go beyond the basics of stack building. Some of the areas covered will be: advanced scripting; resource editing and placement; various kinds of animation; making and using dialog boxes, radio buttons and check boxes; complex ways of dealing with texts in fields, sound digitization, visual and user-interface design; and using some of the built-in script debugging and learning tools that come with the HyperCard Development Kit. Students will come away from this course capable of designing and building accessible and appropriate course materials for almost any content area, or capable of finding out how to do it through the use of reference materials and existing stacks. Cr 3.

EPI 506 Family Therapy and Substance Abuse

This course will take a macro and micro approach to understanding substance abuse, its impact on the individual, family, and culture, as well as treatment implications. Exploration of Jungian theory in relation to addiction, addiction as a disease, and as a system of a serious wound to the bio-psycho-social spiritual self will be integral to developing ideas for treatment. Diverse theories will be considered, but a systems model will provide the foundation for our work. Cr 3.

HRD 645 Institute in Educational Gerontology: Aging, Death and Bereavement

This course examines the process of life review and its role in human aging. The phenomena of memory, imagination, and identity in later age will be examined. Implications of Kierkegaard's statement, "we live life forward but understand it backward" will be explored. Participants will develop practical methods of facilitating life review for themselves and older clients. It is important that students register early for this institute since a substantial amount of reading is required prior to the first class. Those registering after June 1st must obtain permission from the instructor. Cr 3.

HRDX 659 Research Methods in Applied Interventions

The purpose of this course is to teach students methods of evaluating the efficacy of applied interventions, such as consultation, behavior management, social skills training, group counseling, and individual counseling. This course will emphasize the applications of single-case experimental designs and qualitative methods in evaluating the effectiveness of interventions. Cr 3.

Lewiston-Auburn College

ENG 120H Introduction to Literature

A general introduction to the various literary genres—poetry, the short story, drama—which will include a study of critical terminology, close textual reading, and practice in writing. Prerequisite: ENG 100C or 101C or waiver. Cr 3.

HRD 333J Human Growth and Development

This course introduces developmental theory and research which encompasses the entire life span. Emphasis will be on prenatal development through adolescence, with an overview of adult development. A multi-disciplinary view of human development will be taken which considers stability as well as change throughout the life cycle. The interaction of hereditary and environmental factors will be considered in studying physical, cognitive, and psychosocial development. Prerequisite: sophomore level standing. Cr 3.

HTY 1311 United States History to 1877

A basic survey and introduction to the field of American history, covering the political, social, and economic development of the United States through Reconstruction. Cr 3.

MUS 110F Fundamentals of Music

A background study of concepts and skills essential to an intelligent reading of music. The development of natural music abilities through participating in signing, rhythmic activities, and instrumental work. An appreciation of music through awareness of basic structures. Open to all students. Cr 3.

THE 101G Introduction to Drama

A lecture-discussion course designed to provide students with a conception of the development of the theatre and its literature. The course consists of a survey of Greek, medieval, Elizabethan, French neo-classic, and 18th, 19th, and 20th-century theatre and drama. Cr 3.

Edmund S. Muskie Institute of Public Affairs

PPM 550 Media and Public Policy

This course provides an introduction to the relationship between the press and public policy, focusing on social issues at the state and national level. It is designed to make students aware of the often overlooked influence of the media on the outcome of policies and to help policymakers deal professionally with print and TV media. Cr 3.

PPM 603 Advanced Research Methods

Extends the student's understanding of quantitative data analysis and research methods. Expands statistical skills in the areas of multiple regression, significance testing, analysis of variance, and selected other multivariate techniques. Introduces students to a range of data acquisition methods, including on-line searching and database construction and maintenance. Prerequisite: PPM 601 or equivalent introductory statistics course. Cr 3.

PPM 615 Managing the Human Organization

An examination of issues and approaches in the management of the human organization. Topics include classic and modern theories of management; understanding individual, interpersonal, and group behavior; leadership and power; organizational structure and culture; and managing change. Throughout the course, special attention is given to issues affecting management in the public sector and to the ethical aspects of management. Cr 3.

PPM 666 Environmental Policy and Planning

This course is a seminar on environmental issues in Maine, New England and the nation. Topics may include air quality, water quality, toxic and hazardous waste management, solid waste management, wildlife habitat, landscape degradation.

Federal, state and local roles in reconciling natural resource threats, economic growth, property rights and the public interest will be explored.

Cr 3.

School of Applied Science

Applied Immunology

AIM 630 Medical Immunology

This course stresses the medical relevance and application of immunology, both in the laboratory and in the clinic. Specific topics covered include assay formats and design, assay interpretation, new technology and instrumentation, the role of the immune system in protection, the interactions of the immune system with inflammation, as well as the diagnosis, pathologic mechanisms, and treatments of immunodeficiency, autoimmune, and lymphoproliferative diseases. Cr 3.

AIM 631 Medical Immunology Laboratory

Cr 3.

AIM 690, 697, and AIM 698

For information about these courses see the 1991-1992 Graduate Catalog or contact the School of Applied Science.



Computer Science

COS 140 Programming in FORTRAN

A study of programming techniques and applications using FORTRAN. Prerequisite: Two years of high school algebra or equivalent. Cr 3.

COS 160 Structured Problem Solving: Pascal

This course is an introduction to the use of digital computers for problem solving, employing the Pascal programming language as a vehicle. Content includes elementary control structures and data representation methods provided by Pascal and the top-down programming methodology. Course requirements include a substantial number of programming projects. Prerequisite: two years of high school algebra or equivalent. Cr 3.

COS 161 Algorithms in Programming

The development of algorithms and their implementations in a higher-level programming language, with emphasis on proper design principles and advanced programming concepts. Introduction to the performance analysis of algorithms. Course requirements include substantial programming projects. Prerequisite: COS 160. Cr 3.

COS 170 Structured Programming Laboratory

Computational experiments will be designed to teach students how to construct reliable software in the Turbo Pascal Environment. Topics to be covered include: MS-DOS, conditional program flow, iteration, procedures and functions, and symbolic debugging. This course must be taken concurrently with COS 160. Cr 3.

COS 230 Programming in COBOL

This course studies the programming language used primarily in business. Prerequisite: COS 140 or COS 160, previous programming experience or permission of the instructor. Cr 3.

Engineering

ELE 100 Introduction to Engineering

This course provides basic understanding of engineering methods and use of computers as engineering tools. Word processing, engineering calculations, data processing, graphics, computer-aided drafting, principles of design, and report writing are discussed and the learning of computer skills associated with each topic is included. A simple design project and report are among the requirements. Prerequisites: none. Typing skills are useful. Cr 3.

ELE 442 Introduction to Digital VLSI Design

Principles of internal circuit and layout design of digital VLSI circuits. Topics include NMOS and CMOS logic circuits, electrical and physical design of logic gates, chip layout rules, parasitics and performance estimation. CMOS technology is emphasized. Simulation, layout and electronic design automation tools are demonstrated and used. Prerequisite: ELE 172 and ELE 342. Cr 3.

Technology

IEP 699 Independent Study

IEVI 310 Methods and Materials of Instruction in Vocational Education

This course treats the general and specific materials and methods of teaching vocational courses. It deals with both the theoretical and practical aspects. Prerequisites: IEV 300 and IEV 305. Cr 3.

IEV 460 Independent Study in Vocational Education

This course is an opportunity to pursue independently a topic, project, or experiment of interest. Students will prepare a contract or proposal for study to be conducted and, upon completion, submit findings in a scholarly report or other evidence of completeness. Permission of advisor. Cr 3.

ITP 300 Motion and Time Study

A study of techniques to utilize available resources (men, material, machines and facilities) in the most effective and economical manner giving full recognition to the human factors involved in engineering work: methods and time measurements. Cr 3.

ITP 330 Production Control

Lectures, discussions, and problems dealing with the principles and practices of production and inventory control. Study includes information flow, forecasting, scheduling, capacity planning, material requirements planning, economic order quantities, ABC analysis, line balancing, and just-in-time techniques. Cr 3.

ITP 350 Conference Leading

This is a course in the philosophy and techniques of organizing and conducting successful conferences. Each participant will assume the responsibility of planning and leading a simulated conference. Cr 3.

ITT 440 Related Occupational Experiences/ Internships

Two options, total credits to be no more than the difference between those granted for ITT 400, and 45 credits.

OPTION NO. 1

This course option is designed to permit attendance at an approved industry-sponsored school or seminar for the purpose of providing the student with advanced related occupational or technical training. Courses provided by organizations such as General Motors Training Centers, or International Typographical Union, qualify under this course option. Cr 1-6.

OPTION NO. 2

Approved employment with a company may qualify a student under this option. Arrangements must be approved by the advisor in advance. The experiences should provide opportunities for updating technical skills and knowledge. Credit will be determined on the basis of one credit for each two full weeks of employment (80 hrs) with a maximum of three credits for each period of approved continuous full-time employment. A daily log, summary report, and evaluation by an industrial supervisor will constitute part of this option. Cr 1-3.

For additional information concerning either option of ITT 440 or ITTI 440, consult your advisor.

School of Nursing

Nursing

NFS 252 Human Nutrition

This course examines the basic concepts of human nutrition and their application to the needs of human beings throughout the life cycle. Discussion of factors affecting food practices and attitudes is included. Prerequisites: Anatomy and Physiology; Organic Chemistry or Biochemistry. For challenge information of NFS 252, contact the School of Nursing. Cr 3.

NUR 200 Introduction to Professional Nursing

This course introduces the student to historical and contemporary perspectives regarding the nature and scope of professional nursing. It explores the relationship between professional nursing and the broad base of theoretical and empirical knowledge derived from the behavioral and physical sciences and the humanities. It examines the role of the nurse as communicator and caregiver with a diverse, multi-cultural population in a variety of settings. Open to any University student of sophomore standing. Cr 3.

NUR 209 Health Assessment

This course provides the student with knowledge and skills necessary to conduct an in-depth holistic health assessment of well individuals of all ages. Emphasis is placed on data collection through development of communication, interviewing, history-taking, physical examination skills, and data synthesis with formulation of nursing diagnoses. Prerequisite: Anatomy and Physiology. Cr 2.

NUR 210 Health Assessment Lab

This course provides opportunities for students to apply knowledge and skills necessary to conduct total health assessment of clients of all ages (Concurrent with Health Assessment) Cr 1.

NUR 212 Fundamentals of Nursing

This course introduces the student to concepts and skills basic to the art and science of nursing. Foundational nursing skills/actions used in most practice settings are presented. Cr 2.

NUR 304 RN Transition

This course introduces the RN student to the nature and scope of professional nursing. The student studies all theories and concepts that form a basis for professional nursing practice with individuals and families. Nursing process is utilized to define the needs for health promotion, restoration, and maintenance for clients at various

developmental levels in a variety of settings and in a culturally diverse society. The study of nursing history and the development of nursing theory is limited. Students use research to examine the role of the professional nurse and to explore family theory, crisis theory, and teaching and learning theory. Legal and ethical issues related to the delivery of health care are discussed. Open to RN students only. Prerequisite: RN license. Cr 5.

NUR 311 Reproductive and Sexual Health Nursing

Emphasizing the health care needs of the reproductive family, this course examines issues of reproductive health from adolescence through older adulthood. Content stresses the nursing roles of teacher, communicator, and caregiver related to client needs with menarche, fertility, parenting, sexuality, sexual functioning, menopause, common health problems of the male and female reproductive system. Cr 2.

NUR 312 Reproductive and Sexual Health Nursing Lab

This course offers students learning experiences in providing nursing care to families during perinatal experiences. It also offers students the opportunity to apply knowledge of client reproductive health care needs at other points in the life span. (Concurrent with NUR 311) Cr 2.

NUR 324 Older Adult Health Nursing

This course will offer students a broad based perspective on current gerontological theories and issues related to aging in this society. The older person is viewed within a holistic realm relevant to nursing practice. Emphasis will be placed on health care needs and growth potential of aging persons. Cr 2.

NUR 325 Older Adult Health Nursing Lab

This course offers students an opportunity to focus nursing practice on the unique health problems and psychosocial issues of older adults. A variety of clinical sites may be utilized including, but not limited to, home health agencies, nursing homes, and acute care hospitals. (Concurrent with NUR 324) Cr 2.

NUR 401 Health-Related Research

Introduction to health-related research with an emphasis on understanding the research process and becoming a consumer of research. Application of current research findings to nursing practice is a major component of the course. Prerequisites: Statistics; RN students; senior standing in the School of Nursing, or permission of instructor. Cr 3.

NUR 410 Mental Health Nursing

This course introduces concepts and principles basic to mental health nursing. The focus will be on the understanding of personality development and its behavioral manifestations. Assessment of clients and intervention strategies are explored. Interdisciplinary aspects of mental health care delivery and current issues in mental health nursing will be discussed. Cr 2.



NUR 411 Mental Health Nursing Lab

This course is designed to provide clinical experience with a mental health/psychiatric nursing focus. The emphasis is on application of concepts of mental health/psychiatric nursing (Concurrent with Mental Health Nursing, NUR 410) Cr 2.

NUR 415 Concepts in Community Health

This course introduces public health principles basic to improving the health of populations and to the practice of community health nursing. The epidemiological process is stressed in surveying current major health issues. Emphasis is on diverse groups in the community at national, regional, and local levels. Cr 2.

NUR 416 Community Health Nursing Lab

This course is designed to provide clinical experience in a variety of community settings. The emphasis is on application of concepts of community health nursing. (Concurrent with Concepts in Community Health) Cr 2.

NUR 599 Therapeutic Touch: Theory and Practice

This course is designed to introduce nurses and other health professionals to the theory and practice of the Krieger-Kunz method of therapeutic touch, a research and theory-based nursing intervention. Students will be introduced to Martha Rogers' nursing theory, in which human beings are conceptualized as energy fields. Through readings, demonstrations, and guided practice, students will become aware of human field energy as it extends beyond the visible boundaries of the physical body, and learn to use therapeutic touch to assess human energy fields and to promote

relaxation. Integrating therapeutic touch into clinical practice to reduce pain and accelerate healing will be discussed. Cr 3.

NUR 696 Research Topics

Courses on different types of research methods such as survey, historical, and field research, offered on a rotating basis. Students taking one of these courses will have the opportunity to examine a particular research method in-depth and to use this method in the conduct of a research exercise. The course meets the requirement of a research elective. Cr 3.

Recreation and Leisure Studies**REC 110 Introduction to Recreation and Leisure Services**

Concepts of leisure, play, time, and work are discussed. Leisure awareness and identifying barriers to leisure are covered. Students are encouraged to develop a recreative lifestyle attitude. Cr 3.

REC 217 Basic Sailing & Seamanship

An intensive study of the theoretical and practical elements involved in coastal sailing. Emphasis is on USCG safety regulations, seamanship, navigation, and sail handling. Cr 3.

REC 219 Lifetime Physical Fitness and Wellness

The primary emphasis of this course is to teach students how to take control of their personal health and lifestyle habits. Major areas will include nutrition/weight management, fitness training techniques, flexibility, coronary risk factor manage-

ment, muscular strength/endurance, stress management and other wellness related topics. Class content will include lecture/discussion and in class laboratory evaluations. Cr 3

Division of Off Campus Instruction and Academic Support**ABU 119 Business Communication**

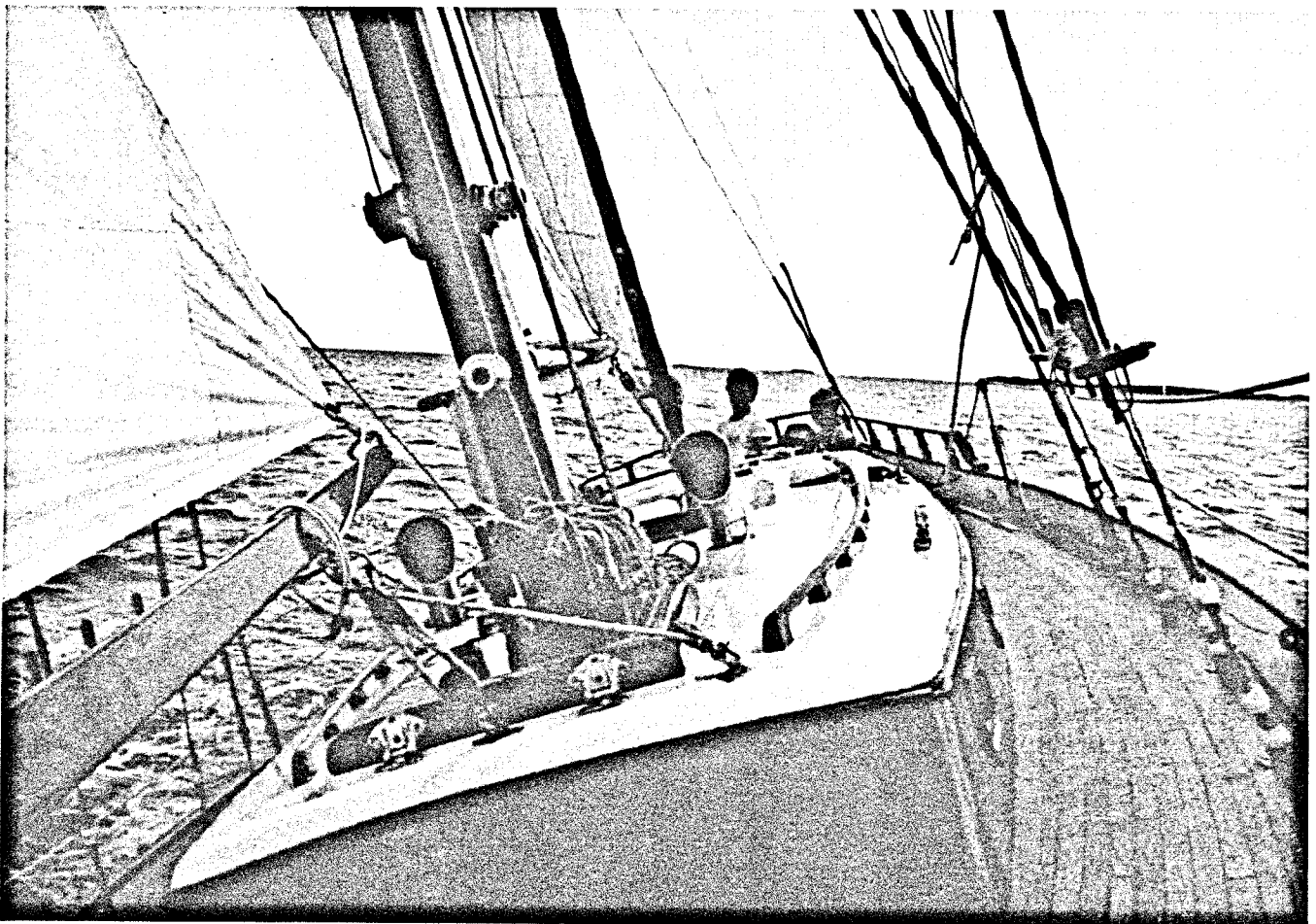
This course introduces students to business communication strategies and provides practice in the application of those strategies using the case method. Students compose business letters, short and long reports, employment writing. (Formerly ENG 019) Cr 3.

FRS 100 Freshman Seminar

This course is designed to enhance a student's academic success by providing an introduction to the many facets of the University. Selected topics include critical reading and writing, critical thinking, enhancing study and communication skills, and pluralism and diversity. A research topic is explored and the class format allows for a great deal of faculty/student interaction. Cr 3.

SWO 388 Substance Use and Abuse: Alcohol and Other Drugs

Examines the use and abuse of psychoactive substances: street drugs, prescription drugs, alcohol, caffeine and nicotine. Consideration of the history, pharmacology, and physical and psychological effects of each substance. Exploration of prevention and treatment models, with special reference to those in use locally. Prerequisite: junior standing or permission of instructor. Cr 3.



SUMMER SESSION

University of Southern Maine
96 Falmouth Street
Portland, ME 04103

MARJORIE A DUVAL
LIBRARY - PTLD
PORTLAND CAMPUS

PR30 LY