

Spring 1990

1990 Summer Session Central Washington University

Central Washington University

SUMMER SESSION 1990

Central Washington University
Ellensburg, Washington

$$\int_a^b \frac{I_x}{(\Delta-x)^p} (\square < \Delta) \quad \left| \frac{CW(U)}{\sqrt{1-x}} \right| \leq \frac{\text{Sun}}{\sqrt{GRE}}$$

for $0 \leq x \leq 1$.

$$\text{Sun} + \square_m \sqrt{1990} = 1 + \frac{1}{3} - \frac{(509)}{963} + \frac{1}{15} + \frac{1}{0} + \frac{1}{4} + \dots$$

$$\& \square v, v_2 \in \Delta \quad a(v_1 + v_2) = d(v_1) + d(\Delta_2)$$

$$\& \Delta \subset ER, \quad d(v) = 9d(v) \quad \forall v \in \Delta^0$$

$$\left(\begin{matrix} \dots \Delta_1 n \\ \dots \Delta_2 n \\ \dots \Delta_3 n \\ \vdots \\ \dots \Delta_m n \end{matrix} \right) > \square = \text{Sun} \quad |\Delta + i| \leq |x| + |\frac{\Delta}{0}|$$

$$\text{Sun} / < CWU(x-\alpha, \beta-\bar{x}), \quad \frac{n}{n \rightarrow 2} = f(x)$$

$$|0| \leq \sum_a |f(0)| d(\square_{L-1} \cap \#0)$$

$$\{x/x \in \Delta, x \square x = s\}, \quad s \subseteq e = \blacksquare \blacktriangle \bullet / \odot$$

SUMMER SESSION DATES

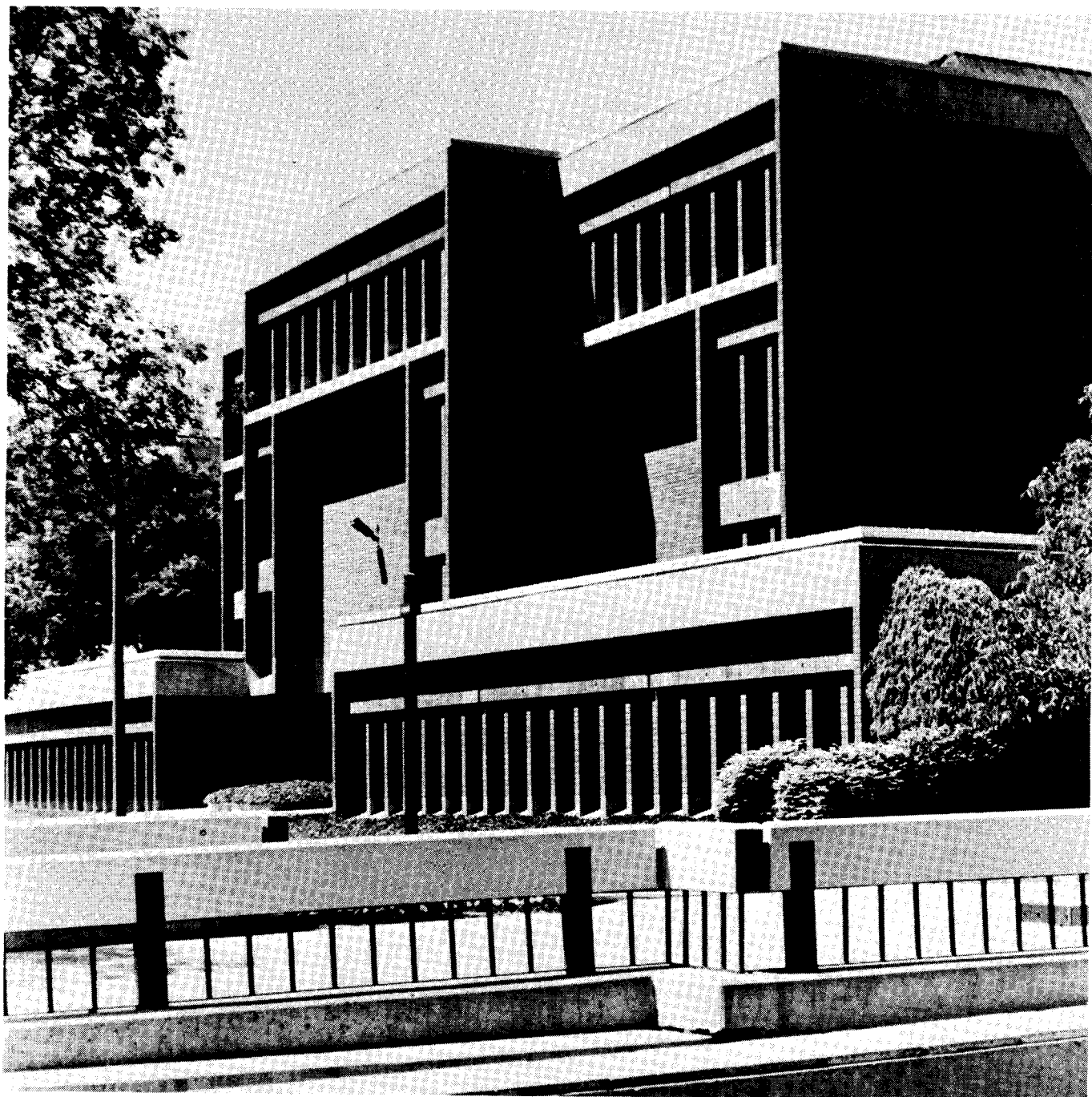
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|------------------|---------------------|
| First Session | June 19 - July 18 |
| Second Session | July 19 - August 17 |
| Six-Week Session | June 19 - July 27 |
| Full Session | June 19 - August 17 |

PREREGISTRATION DATES: MAY 7 - JUNE 1

INFORMATION DIRECTORY

| | |
|---|-----------------|
| Admissions Office, Mitchell Hall | 963-1211 |
| Cashiers Office, Mitchell Hall, 2nd Floor | 963-2224 |
| Central Switchboard, 11th & D St. | 963-1111 |
| Continuing Education, Barge 301 | 963-1501 |
| Dean of Students, SUB Main Office | 963-1515 |
| Extended University Programs, Barge 301 | 963-1501 |
| Fifth Year Certification, Black Hall 216 | 963-2661 |
| Financial Aid, Barge Hall 209 | 963-1611 |
| Graduate Office, Bouillon, 2nd Floor | 963-3101 |
| General Advisement, Academic Advisement Center, SUB | 963-3409 |
| Housing Office, Barge 204 | 963-1831 |
| Library | 963-1191 |
| Placement Office, Barge 105 | 963-1921 |
| Registrar, Mitchell Hall, 1st Floor | 963-3001 |
| Student Accounts, Mitchell Hall, 2nd Floor | 963-3546 |
| Student Employment, Barge 205 | 963-3008 |
| Summer Session, Barge 401 | 963-1501 |
| Veterans Office, Mitchell Hall, 1st Floor | 963-3028 |

$$\int \frac{b I x}{a (\Delta - x)^p} (\square < \Delta) \left| \frac{CW(U)}{\sqrt{1-x}} \right| \leq \frac{\text{Sun}}{\sqrt{1990}}$$



$$2 = \blacksquare + \blacktriangle - \bullet$$

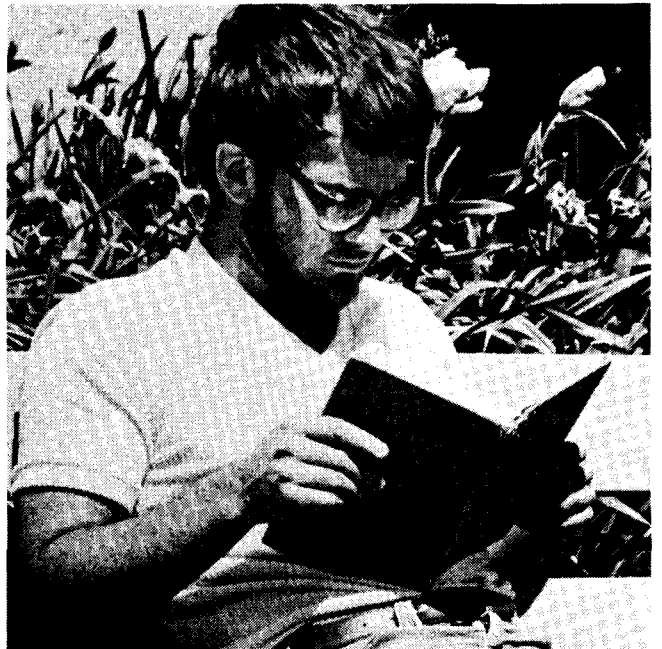


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2400
7



SUMMER CALENDAR



May

- 7 Preregistration begins

June

- 1 Preregistration Ends
- 18 On-Site Registration for all sessions
- 18 Confirmation of Classes available in SUB
- 19 Classes begin for First, Six-week and Full sessions
- 20 Last day for change of schedule for First, Six-week, and Full Sessions
- 20 **Last day to receive 100 percent tuition refund**
- 20 **FULL TUITION & FEES DUE**
- 21 Last day to Change Credit/No Credit Option
- 22 Last day for class withdraw from First, Six-week and Full Sessions (No Refunds)
- 22 Last day to apply to Registrar for Baccalaureate Degree for Summer Quarter graduation

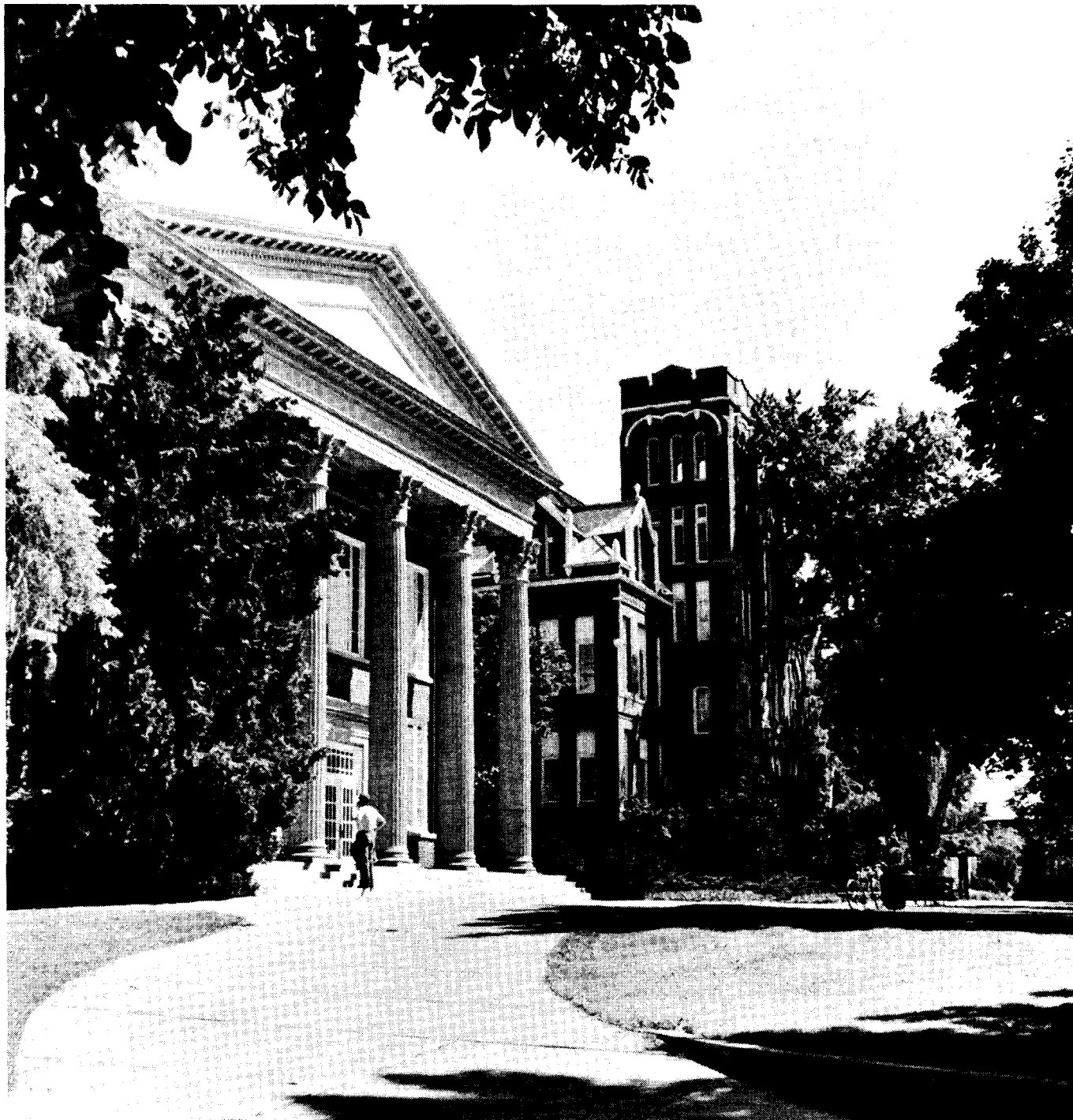
July

- 4** Independence Day Holiday
- 18** First Session ends
- 19** Registration (Second Session only)
- 19** Classes begin (Second Session)
- 20** Last day for change of schedule for Second Session
- 23** Last day to change Credit/No Credit Option for second session
- 24** Last day for class withdraw from Second Session
- 27** Six-week Session ends

August

- 6** Master's candidates must complete all requirements for the Master's Degree through the Graduate Office for Summer quarter graduation
- 17** Second and Full Session ends





ADMISSION AND READMISSION

Mr. James L. Maraviglia • Director of Admissions • Mitchell Hall, 1st Floor • (509) 963-1211

Students planning on obtaining a degree or certificate from CWU must identify their category below and follow the procedures outlined to be admitted formally. You must be formally admitted in order to attend any subsequent quarter at CWU except for Summer Session. If you are in doubt as

to your category or have other questions about admission or readmission, contact the Admissions Office.

Student Category

Procedure

Continuing Students

Undergraduates and graduate students who were enrolled for Spring, 1990, as matriculated students.

No application is needed. You are automatically able to register.

Returning Undergraduate or Graduate Students

Former CWU students who were not enrolled Spring, 1990, but who wish to return for Summer Session, 1990.

Submit a Reenrollment Application Form to the Admission Office. Application and transcripts of all work not already on file at CWU must be received by June 1, 1990. Students who have been out of school for one year or more or have attended another college or university should submit a \$25 application fee.

Nonmatriculants

Students not working toward a degree or certification of any kind from CWU. Classes taken may be for personal enrichment or for transfer to another institution.

Complete the Nonmatriculant Registration Form.

New Undergraduate Students

New freshmen or transfer students never before enrolled at CWU.

Submit a Uniform Application for Admission form from the Admissions Office. Application, official transcripts, and a \$25 application fee are necessary.

Student Category

Procedure

New Master's Degree Students

Students who have completed a bachelor's degree, either at CWU or another institution, and will begin the master's degree program for the first time at CWU. (This includes students who have attended CWU as undergraduate students.)

Complete a Graduate Application (obtained from the Graduate Office). Official transcripts of all work completed and a \$25 application fee must be submitted to the Office of Graduate Admissions. All transcripts, GRE scores, recommendations, etc., must be submitted to Graduate Admissions.

On-Leave Master's Degree Students

No application is needed. If you satisfied the continuous registration requirement Fall quarter you are automatically able to register.

New Post-Baccalaureate Students

Students who have completed a bachelor's degree but are not pursuing a master's degree program. Students may be working toward initial or continuing, vocational, or professional certification through CWU.

Submit a Uniform Undergraduate Application, official transcript showing degree, and a \$25 application fee to the Office of Admissions.

High School Students

Top high school students who wish to enroll during Summer Session may do so with the written approval of both the high school principal and a CWU Admissions officer.

Submit a High School Enrichment Form from the Admissions Office. Have your high school principal sign the form and attach your transcript. Bring the form, with the transcript attached, to the Admissions Office for approval. You may register the first day of classes.

International Students

Students who are in the United States on a nonimmigrant visa. (This does not include permanent residents, refugees, or Canadian students.)

Application deadline is February 1, 1990. Contact the Admissions Office for instructions on admission procedures. File must be completed by March 1, 1990.

Canadian Students

Follow procedure for your appropriate academic category.

You are reminded to request an I-20 from the Admission Office. Please do this early enough to avoid problems with your border crossing.

$CWU(x-\alpha, \beta-x), \frac{n}{n-2}z=f(x)$

REGISTRATION

Ms. Carolyn L. Wells • Registrar • Mitchell Hall • (509) 963-3001

Central Washington University will offer preregistration for Summer 1990. All students are encouraged to take advantage of this opportunity since all course registrations are on a first-come first-served basis. Courses may be cancelled due to low enrollment, so to assure you that your class will be held, preregister for it. You may preregister in any one of three ways: IN PERSON, MAIL, or by PHONE. **NOTE:** No schedule change may be made before the established change of schedule period.

In-Person Preregistration (May 7 - June 1)

You may register at the Registrar's Office in Mitchell Hall from noon-5:00 p.m., May 7 - June 1. Registration forms may be picked up at the Registrar's Office. A \$40 fee will be required in advance.

Mail Preregistration (May 7 - June 1)

You may send in your preregistration by mail. It must be received between May 7 - June 1. Mail registration will not be accepted after June 1. A \$40 fee must accompany the preregistration form. If the \$40 fee is not received the registration will not be processed.

Complete the form in the back of the Summer Bulletin and mail it with the appropriate fees (see page 61). Be sure to list alternate courses in case a course you requested has been cancelled or has been filled. Course confirmations may be picked up in the SUB on June 18.

Telephone Preregistration (May 7 - June 1)

Telephone preregistration will be acceptable only with VISA or Mastercard payment. Call (509)

963-1513 with your schedule and alternates. The hours are 9:00 a.m. - 4:00 p.m., Monday - Friday May 7 through June 1. No locals calls will be accepted.

In Person Registration

Any person wishing to attend Central Washington University who does not preregister may register at the Registrar's Office on June 18 from 8:00 a.m. - 5:00 p.m. for first, second, six-week and full session or for any of the intensive courses. Registration for second session will be held in Mitchell Hall, July 19. Registration for any intensive classes may be done on the first day of class (fees must be paid at the time of registration). Note that classes may be cancelled due to low enrollment. We encourage you to take advantage of the preregistration.

Workshop Registration

You may register for the short intensive courses during the preregistration period, open registration or up to the first day of class.

On Site Registration

A full day of Summer Registration is held June 19 at the Registrar's Office in Mitchell Hall. You may register according to the following schedule which is based on the first letter of your last name.

| | | |
|----------|------------|----------|
| 8:00 A | 11:00 HI | 2:30 R |
| 8:30 B | 11:30 J | 3:00 ST |
| 9:00 C | 12:00 OPEN | 3:30 UVW |
| 9:30 D | 1:00 KL | 4:00 XYZ |
| 10:00 EF | 1:30 MN | |
| 10:30 G | 2:00 OPQ | |

TUITION AND FEES

Since Summer Session is now totally self support, there will be a registration fee of \$40 which must be paid when a student registers. This will be in addition to the regular tuition a student will pay for credits. The \$40 will be considered a deposit for registration and must be paid in person at the cashier's office, mailed with the preregistration, or

by credit card with the telephone preregistration. Students preregistering by mail are expected to submit their \$40 registration fee with the registration form. **If the fee is not received, the registration will not be processed.** Those students not preregistering will be expected to make a full tuition and fee payment at the time of

registration.

For Summer 1990, CWU accepts Bankcard billing for all fees and tuition expenses for MAIL, TELEPHONE OR INPERSON REGISTRATION. Only VISA or Mastercard are accepted. See Registration form for correct data entry.

For those registering on or before June 20, 1990, full tuition and fee payment is due on or before June 20, 1990, or a late fee of \$15 is assessed. For those registering after June 20, tuition and fee is due at the time of registration.

All students will use the same tuition and fee structure - there will be no special non-resident fee structure. **There will be no special waivers granted to SE Asia vets or others in special programs.**

**TUITION AND FEES LISTED HERE ARE
SUBJECT TO MODIFICATION BY THE
STATE LEGISLATURE OR BY
CENTRAL'S BOARD OF TRUSTEES.**

- I. Undergraduate and Graduate Non-Advanced Degree Candidate
 - A. 10 credits or more: \$40 registration fee plus \$510 tuition = \$550
 - B. 1 through 9 credits: \$40 registration fee plus \$51 tuition per credit
- II. Master's Candidates
 - A. 10 credits or more: \$40 registration fee plus \$700 tuition = \$740
 - B. 1 through 9 credits: \$40 registration fee plus \$70 tuition per credit

Refund of Preregistration Deposit

Students who cancel their preregistration before June 1, 1990, will receive a full \$40 refund upon written notification. Any cancellation after June 1, 1990, results in a forfeiture of the \$40 registration fee.

Refunds

A student receives a full refund of tuition and fees **if withdrawal from the university** occurs on or before June 20, 1990. For second session only, **withdrawal from the university** must occur on or before July 20. The \$40 registration fee is nonrefundable.

Refunds are not issued automatically. Students eligible for a refund need to contact the Registrar's Office or Student Accounts.

A student will receive a 50 percent refund if **withdrawal from the university** occurs between the last day of change of schedule and the 10th day of class for first and second term, 15th day for six week and the 20th day for full term. The \$40 registration fee is nonrefundable.

No refund of tuition and fees is made after the above deadlines.

No refund is allowed for individual course withdrawals, must be total university withdrawal.

GENERAL INFORMATION

Classification of Students

Class rank is based upon the number of quarter hours earned as follows:

Freshman, 0 - 44.9 quarter hours
 Sophomore, 45 - 89.9 quarter hours
 Junior, 90 - 134.9 quarter hours
 Senior, 135 plus quarter hours

Numbering of Courses

Courses are numbered as follows:

Freshman - 100 through 199
 Sophomore - 200 through 299
 Junior - 300 through 399
 Senior - 400 through 499
 Graduate - 500 through 700

Students may elect courses one year ahead of their present status except when otherwise designated. Courses numbered 500 and above are normally for graduate students. Senior students may take 500 level courses only with the approval of both the Department Chairperson and the instructor of the class. The 500 level may be used for undergraduate credit or graduate credit (**but not both**). In order to receive graduate credit, the student must be in their senior year of undergraduate work and must obtain approval from the Dean of Graduate Studies.

*Student Load Policy

ONE SESSION

Undergraduate

- 9 credits or less -- No permission required
- 10 credits -- Major department chair approval required
- 11 credits or more -- Dean's approval required

Graduate

- 8 credits or less -- No permission required
- 9-10 credits -- Major department chair approval required
- 11 credits or more -- Dean's approval required

SIX-WEEK SESSION

- 12 credits or less -- no permission required
- 13 credits or more -- Dean's approval required

FULL SESSION

Undergraduate

- 17 credits or less -- No permission required
- 18-20 credits -- Major department chair approval required
- over 20 credits -- Dean's approval required

Graduate

- 16 credits or less -- No permission required
- 17-18 credits -- Major department chair approval required
- 19-20 credits -- Dean's approval required

* Workshop credits are counted in the term in which they are taken. Full session credits are divided in half so each half is included in first and/or second session totals.

Audit

A student eligible to enroll in a course for credit may enroll as an auditor except in laboratory courses, provided that space is available and permission is secured from the instructor prior to registration. To receive credit for an audited course, the student must enroll for credit in the same course in a subsequent quarter.

When a student class load exceeds nine credits including credits of audited courses, he/she must pay the regular student fees. A student enrolled in nine credits or less including audited courses, pays the special student fees.

Instructors may not compel auditors to write papers or take examinations, but may insist upon other course requirements. The instructor may request of the Dean that the auditor be officially withdrawn from the course if these requirements are not met. Audited classes require written permission from the department.

Credit/No Credit Option

All students except first quarter freshmen and students on academic probation may select one class per quarter under the credit/no credit option. Students are urged to use this option as a way to explore academic areas of interest. A maximum of 15 credits earned in Credit/No Credit courses may be allowed toward the 180 required for the bachelor's degree.

The courses must be selected from Breadth Requirements and free electives; they must not be courses in the basic, major, or minor concentrations or the professional education sequence.

Students designate the course as Credit/No Credit during registration or during "Change of Schedule" period. Courses for which a grade has been recorded may not be repeated on a Credit/No Credit option.

Credits earned under the Credit/No Credit option are not included in computing the grade point average. The grade recorded on the student's transcript will be "CR" if the course grade is C- or above; if below C-, the entry will be "NC".

Procedure for Enrolling in Individual Study Course

Forms are available at the counter in the Registrar's Office and the Departmental Offices. Permission must be granted from the instructor and department chairperson. Then complete the form, including the 18-space descriptive title, can be completed.

During Registration and Change of Schedule, an Individual Study Form must be submitted to the Terminal Operator.

Procedure for Enrolling in Contracted Field Experience

Field Experience Agreement forms are available at the Departmental Offices or the Cooperative Education Office. It is advisable to allow at least a week in which to obtain required approval signatures, in sequence, on the bottom of the form. All approval signatures are required before registration will be permitted. All parts of the form must be completed, including complete mailing addresses in Part A. The form is collected by the terminal operator at Registration and Change of Schedule. The Cooperative Education Office will mail a copy of the CFE form to you a few days after you register.

Policy for Withdrawal From Class

Because of abbreviated terms in summer, withdrawal dates are different than other quarters.

Check the summer session calendar for withdrawal dates.

No refunds are granted for individual course withdrawals.

Academic Advising

An orientation and advising session for NEW UNDERGRADUATE students will be held in Black Hall Room 101 on June 20, 1990, at 8 a.m. Students in the Continuing Certificate Program (Fifth Year) should direct questions to the Certification Office in Black Hall Room 216 (Phone 509-963-2661).

The Academic Advising Office, located in the Student Services area in the southwest corner of the Samuelson Union Building, is available to help all students during registration and during the summer session. Students are encouraged to drop in or to call 963-3409 for an appointment.

Graduation

Application for graduation may be made at the Registrar's Office during the quarter preceding the quarter in which the degree is to be received or not later than the deadline date published in the quarterly calendar.

Students must assume the responsibility for meeting all degree requirements and total credits for graduation.

1. Basic and breadth requirements must be completed.
2. A total of 180 quarter credits is required for graduation.
3. Credits earned by correspondence or in extension classes do not count toward meeting residence requirements.

4. The cumulative grade point average must be 2.0. A 2.25 GPA must be earned in the major field.
5. Not more than one-fourth (45 quarter hours) of the program leading to the Bachelor's degree may be taken in extension and/or correspondence courses.
6. Sixty (60) credits must be in upper division courses; i.e., courses numbered 300 and above.
7. A maximum of fifteen (15) credits of "CR" taken under the Credit/No Credit Option may be counted toward the B.A. degree.
8. Only thirty (30) credits of Contracted Field Experience count toward the B.A. degree.
9. Transfer students must take a minimum of ten (10) credits in the major field and five (5) credits in the minor field of study at Central Washington University.

HOUSING

Mr. Jim Hollister • Director of Housing Services • Barge Hall 103 • (509) 963-1831

Central Washington University takes justifiable pride in its Housing and Food Services system. Central offers one of the most comprehensive, high quality systems in the country; diverse accommodations are available for single students, married students and student families at Central. Options for housing accommodations include residence halls, apartments (one, two or three bedrooms) and a University Conference Center for short-term or special occasion overnight stays.

Residence Hall Accommodations For Summer Session Students

Residence hall accommodations are available this summer for those students living on campus for a minimum of one term (4 1/2 weeks). The hall or halls to be utilized were not designated at press time. Residence hall accommodations consist of the room and board combination, offering a choice of single or double occupancy. Rooms in the residence halls are furnished; however each student may choose to bring accessories needed while living in the hall. Linens must be provided by the student, as the University does not provide bed-

ding, towels, etc. Meals are provided in Holmes Dining Hall.

Those students who require accommodations for less than one term are housed in the Conference Center.

Apartments

The Student Village offers 173 apartments to juniors, seniors, graduate students and married students without children. Apartment sizes vary to include studio, one, two and three-bedroom apartments. All apartments are fully furnished. Anderson (32 units) and Buttons (6 units, women only) Apartments are available also.

Central offers a family housing program, also. Currently, there are 300 one, two and three-bedroom apartments available, designed specifically for married students and student families. There are both furnished and unfurnished apartments. The second and third bedrooms in the larger units of both family and single apartments are not furnished.

Dining Services

Holmes Dining Hall is conveniently located near

the center of the campus and is open to provide students with a variety of good meals:

- (1) 5-day meal plan, Monday breakfast through Friday lunch
- (2) 7-day meal plan, excluding breakfast on Saturday and Sunday

In addition to the Monday-Friday breakfast, a continental breakfast is offered mid-morning for late risers. Dining Services also provide low carbohydrate, high-protein menus for students on weight-control diets, and, if possible, will be happy to provide special diets for students as prescribed by their physicians. Central's Dining Services Department also offers off-campus students, faculty, and staff members eight different low-cost meal plans for good eating at Holmes Dining Hall this summer. The Off-Campus Meal Tickets are available at the Food Services Office in Holmes Dining Hall during regular office hours. Meals are not served on July 4, 1990.

Those who are interested in residing in University housing facilities should write to the Director of Housing, Barge Hall 103, Central Washington University, Ellensburg, Washington 98926. Telephone inquiries can also be made to the Housing Office by calling (509) 963-1831.

TEACHER CERTIFICATION

Dr. Ron Frye • Director of Certification • Black Hall 216 • (509) 963-2661

A teacher in the state of Washington is required to convert the provisional or initial teaching certificate to a continuing teaching certificate. Conversion requires a minimum of two years or more in a single district or three full years of successful teaching and completion of a continuing certificate program (45 quarter hours). The continuing certificate is valid for teaching in the common schools of the state of Washington on a continuing basis. To maintain the certificate persons are required to complete 15 quarter credits and/or 150 approved clock hours of instruction every five years.

Students pursuing a fifth year or continuing certificate program should obtain plan forms and guidelines from the Office of Certification, 216 Black Hall. Prior to engaging in course work, the proposed plan should be filed with the Office of Certification. The plan for each student is

developed by the student, the University advisor, and local school officials, and should be approved before courses are taken.

Any person completing requirements for the Professional (Continuing) Teaching Certificate after August 31, 1992, must have an approved master's degree.

Summer Master's Degree

CWU offers several options for Master's degrees in the summer. The English, Biology and Mathematics departments offer summers only master's degrees for teachers. The Education Department offers masters degrees in various areas that can be earned during the summers, also. These degrees all apply to the Professional (Continuing) Teaching Certificates.

APPLICATION AND ADMISSION TO GRADUATE STUDY

Dr. Dale Comstock • Dean of Graduate Studies • Bouillon 207D • (509) 963-3101

Each prospective graduate student must submit a formal application for admission to the University. Admission to the University does not constitute admission to a Master's degree program. A graduate student is expected to have a bachelor's degree from a college or university accredited by recognized accrediting associations prior to registering for courses. Students with a baccalaureate degree from an institution holding candidacy status will be considered only after reviewing the Analysis Report and Evaluation Committee Report of the accrediting association which must be provided by the institution before admission is determined.

All prospective graduate students must apply for admission to graduate study in either a degree program, fifth year program, or non-degree study (professional improvement, scholarly development).

The application to graduate study can be obtained from Graduate Admissions & Records. The application, \$25 application fee, GRE scores, transcripts, letters of recommendation, and a statement of educational objectives and professional aims must be submitted by April 1 for admission to a Master's degree program for Summer Quarter. Applicants to Master's study are admit-

ted by formal letter from the Dean of Graduate Studies.

A Master's degree program involves a close graduate faculty-student relationship in order to plan a study program most appropriate to the professional goals and purposes of each individual applicant admitted. Consequently, no more than nine (9) quarter credits completed before formal admission will be accepted on the official course of study for the Master's degree. This does not preclude the student from taking prerequisite or other background courses prior to admission that do not count towards the degree.

Graduate students or prospective graduate students may petition the Dean of Graduate Studies to modify Graduate School regulations applying to their own admission or program.

SPECIAL OFFERINGS

Business Education and Administrative Management

ADOM 398. Desktop Publishing for Educators (2). Hands-on applications on the MacIntosh microcomputer in creating communications such as newsletters, school newspapers or yearbooks, brochures, and flyers. Analysis and design of layout, typography, illustration, and copy. Prerequisite: Some computer experience.

ADOM/BSED 498. MS/PC DOS and Hard Disk Management (3). A comprehensive overview of the basic concepts, commands, and uses of the disk operating systems (DOS) for IBM and compatible hard-disk computers. Hands-on applications of file-handling, EDLIN text editor, batch files and menus, and subdirectories.

BSED 500. Appleworks for Educators (3). Introduction to APPLEWORKS as a tool for educators. Word processing, spreadsheets, and database; file maintenance; printing; and basic techniques for using the integrated features of Appleworks. Class will be graded S/U. (Cross listed with ADOM 202A.)

BSED/ME 598. Teaching Entrepreneurship (2). Teaching entrepreneurship is designed as a one week hands-on class to help vocational teachers:

1. Review alternative entrepreneurship curriculums.
2. Develop and share entrepreneurship learning activities.
3. Develop and share entrepreneurship learning activities.
4. Collect and organize teaching resources.

Education

ED 598. Values in Education (3). Problems of the definition of life itself, whether it is done in terms of thought, statesmanship, great art, moral discipline, free responsible decision, or whether it is done in terms of conformism, sensationalism, escapism, passive-spectatorism, will be the chief topics of the course. Lecture references will be made to the Greek tradition, as well as issues raised in Walker Percy's book on human psychology, science, basic semantics, and ultimate choices, *Lost in the Cosmos*. Implications for education will be explored.

Special Education

SPED 498. Alternative Management Strategies for Disruptive Students (2). This course is a functional-based experience that presents a perspective on children typically labelled behavior problems or class disrupter. Communication styles, energy exchanges, coping skills, alternatives to punishment, and characteristics of both student and teacher are discussed and explored as a group.

SPED 498. Creative Teaching in the Classroom (2). Includes opportunity for creative expression as well as sharing creative teaching ideas, aids, centers, and methods. Purpose: help teachers to be more imaginative and creative in planning, creating and conducting instruction.

SPED 498. Special Education Funding & Grant Writing (2). Educators will be provided a comprehensive review of the special education funding model for the state of Washington. State appointment, federal allocation, and grant sources will be analyzed. Participants will engage in funding and grant writing simulations.

SPED 498. Issues in School Special Education (2). Issues involved in preschool special education such as integration, families, related services, medical, and legal issues plus ways to solve problems will be discussed.

SPED 498. Transition & Life Beyond High School (2). Post-school realities for exceptional students are explored, with emphasis on transition to quality adult life. Collaboration with school personnel and agencies is stressed.

SPED 498. Child Abuse: Role of the Educator (2). The dynamics of abuse will be presented and the role of the educator with regard to identification, reporting, intervention and prevention will be emphasized.

English

ENG 498. Reading the Poem (3). Designed to give future and practicing teachers of English and the Language Arts a chance to read, discuss, and write about a wide sample of modern poetry. Special attention will be paid to the kinds of questions raised about poetry by teachers who themselves may teach or be teaching it.

ENG 498. King Arthur Rides Again (3). Using early chronicles, epic poetry, romances, stories, novels, and drama, course traces the development of Arthurian legends, examining their continuing fascination despite changing historical contexts. Students should gain an understanding of the role of tradition in literature and should become well-rounded in one of the most enduring and popular legends in English Literature.

History

HIST 498. Early History of China and Japan (3). A general survey of the development of civilization in China and Japan from the beginnings until about 1600. Emphasis is on cultural and institutional trends with heavy use of visual materials. In the end students should have an awareness and appreciation of the many contributions of East Asian civilization to world history. Interaction between China and Japan and their influence on the rest of East Asia will also be stressed.

Home Economics - Family & Consumer Studies

HOEC 598. Consumer Economics: Issues & Teaching Strategies (3). Focus will be on consumer issues that include: advertising, credit, housing insurance and investments. Also, development of teaching strategies for consumer economics related to the issues discussed.

Industrial and Engineering Technology

IET 401. Principles and Philosophy of Vocational Education (3). An amazingly enjoyable look at the world of career preparation in our public schools. How does vocational education develop job skills and the ability to earn a living? How can vocational education be used as an instructional strategy? This course is for people requiring vocational certification and all who want to make school more relevant for students.

IET 598. Advanced CAD/CAM (3). Allows the student to design and draw in AutoCAD and to then download into CNC lathes and mills to produce machined parts.

IET 598. European Cabinetmaking (3). Designed to familiarize the participant with the new European cabinet construction system. Materials, construction methods, and machines used in this system will be covered. Included will be lectures, demonstrations, field trips, a guest speaker, and the construction of a typical European cabinet.

Psychology

PSY 498. Psychology of Sport (4). Review of theory and research in the psychology of sports and fitness, including such areas as stress and emotional control, motivation, concentration skills, mental rehearsal, goal-setting strategies, leadership skills, psychological factors in injuries and rehabilitation, and personality variables. Will provide an overview of psychological interventions used in sports and fitness and familiarize students with professional and ethical issues related to research and practice in sports psychology.

CONTINUING EDUCATION AND SUMMER INSTITUTE SPECIAL OFFERINGS

Dr. Barney Erickson, Director • 963-1501

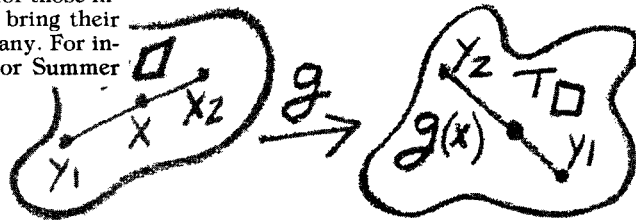
MUS 164, 264, 364, 464, 564. Individual private lessons will be offered by instructors in the Music Department. These are Continuing Education courses and will have special fees of \$75 per credit. For information and registration of these courses contact the Music Department 963-1214.

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MUS 500. K-12 Vocal Music Teachers Reading Choir (1).

MUS 500. K-12 Music Teachers Reading Band (1). The CWU Band and Choral Reading Sessions are designed to help directors choose literature and educational materials for their ensembles. Concert band music for elementary through high school level will be read and performed. Choral music for all age levels as well as church and community chorus literature will be explored. Ted Brown Music will provide newly published as well as tried and true staple repertoire for the sessions. In addition, each participant is encouraged to bring and share music that has proven to be successful in the past. For further information contact the Music Department. For registration contact the Summer Session office 963-1501.

DR 500 Practicum in Summer Theatre Skills (2). Drama presents an institute of study and practice for those involved in the production of theatre who wish to bring their skills up to date with a professional summer company. For information contact Drama Department 963-1766 or Summer Session 963-1501.



REGULAR CLASS SCHEDULE



| COURSE ID | COURSE TITLE | CREDIT HOURS | ACTIVITY | CLASS DAYS | MEETING TIMES | ROOM | INSTRUCTOR |
|------------------------|---|--------------|----------|------------|---------------------|--------|--------------|
| Art (continued) | | | | | | | |
| ART -331-.01 | ART EL SCH-INTERM NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 3.0 | LEP | MTWRF | 07:30 AM - 08:40 AM | RN 215 | DOI R |
| ART -331-.02 | ART EL SCH-INTERM NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 3.0 | LEP | MTWRF | 10:10 AM - 11:20 AM | RN 216 | EASTER K |
| ART -332-.01 | ART IN ELEM SCH NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 3.0 | LEP | MTWRF | 07:30 AM - 08:40 AM | RN 215 | DOI R |
| ART -332-.02 | ART IN ELEM SCH NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 3.0 | LEP | MTWRF | 10:10 AM - 11:20 AM | RN 216 | EASTER K |
| ART -425-.01 | ADV PHOTOGRAPHY NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 3.0 | LEL | MTWRF | 02:10 PM - 04:00 PM | RN 208 | SAHLSTRAND J |
| ART -525-.01 | ADV STD PHOTOGR NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 3.0 | LEL | MTWRF | 02:10 PM - 04:00 PM | RN 208 | SAHLSTRAND J |

SECOND SHORT SESSION

| | | | | | | | |
|--------------|---|-----|-----|-------|---------------------|--------|-------|
| ART -330-.03 | ART EL SCH-PRIM NOTE: COURSE START DATE 07/19/90; COURSE END DATE 08/17/90 | 3.0 | LEP | MTWRF | 08:50 AM - 10:00 AM | RN 215 | DOI R |
| ART -331-.03 | ART EL SCH-INTERM NOTE: COURSE START DATE 07/19/90; COURSE END DATE 08/17/90 | 3.0 | LEP | MTWRF | 08:50 AM - 10:00 AM | RN 215 | DOI R |
| ART -332-.03 | ART IN ELEM SCH NOTE: COURSE START DATE 07/19/90; COURSE END DATE 08/17/90 | 3.0 | LEP | MTWRF | 08:50 AM - 10:00 AM | RN 215 | DOI R |

FULL SESSION

| | | | | | | | |
|--------------|--|----------|-----|-------|---------------------|--------|-------|
| ART -330-.04 | ART EL SCH-PRIM | 3.0 | LEP | MTWRF | 11:30 AM - 12:40 PM | RN 215 | DOI R |
| ART -331-.04 | ART EL SCH-INTERM | 3.0 | LEP | MTWRF | 11:30 AM - 12:40 PM | RN 215 | DOI R |
| ART -332-.04 | ART IN ELEM SCH | 3.0 | LEP | MTWRF | 11:30 AM - 12:40 PM | RN 215 | DOI R |
| ART -490-.00 | CONTR FIELD EXP NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | 1.0-15.0 | PCT | | TO BE ARRANGED | | BACH |
| ART -496-.00 | ID NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION | 1.0- 6.0 | IND | | TO BE ARRANGED | | STAFF |
| ART -596-.00 | ID NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION | 1.0- 6.0 | IND | | TO BE ARRANGED | | STAFF |

ASIAN STUDIES

DEPT CHAIR: JOEL ANDRESS • LIND 105 • 963-2177

SECOND SHORT SESSION

| | | | | | | | |
|--------------|--|-----|-----|-------|---------------------|--------|---------|
| AST -398-.01 | SPT:POL ECON E ASIAN DEV NOTE: COURSE START DATE 07/19/90; COURSE END DATE 08/17/90 | 3.0 | LEC | MTWRF | 10:10 AM - 11:20 AM | LL 221 | LAUNIUS |
|--------------|--|-----|-----|-------|---------------------|--------|---------|

BIOLOGICAL SCIENCES

DEPT CHAIR: WILLIAM BARKER • DEAN HALL 201 • 963-2731

SIX WEEK SESSION

| | | | | | | | |
|--------------|--|-----|-----|-------|---------------------|--------|---------|
| BISC-305-.01 | LANGUAGE OF BIOL NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | 3.0 | LEC | MTWRF | 08:50 AM - 10:00 AM | DN 265 | BOLES R |
| BISC-492-.01 | LAB EXP TCH BISC NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | 2.0 | LAB | | TO BE ARRANGED | | STAFF |
| BISC-492-.02 | LAB EXP TCH BISC NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | 2.0 | LAB | | TO BE ARRANGED | | STAFF |
| BISC-513-.01 | DV CELLULAR BIOL NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | 3.0 | LEC | MTWRF | 10:10 AM - 11:20 AM | DN 265 | PACHA R |

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| COURSE ID | COURSE TITLE | CREDIT HOURS | ACTIVITY | CLASS DAYS | MEETING TIMES | ROOM | INSTRUCTOR |
|---|--|--------------|----------|------------|--|------------------|------------|
| Biological Sciences (continued) | | | | | | | |
| SPECIAL OFFERING | | | | | | | |
| BISC-495-.01 | BIOL FIELD EXP NOTE: COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY COURSE START DATE 07/28/90; COURSE END DATE 07/31/90 | 1.0 | PCT | MTSU | 08:00 AM - 12:00 PM | | DARDA D |
| FULL SESSION | | | | | | | |
| BISC-490-.00 | CONTR FIELD EXP NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION | 1.0-15.0 | PCT | | TO BE ARRANGED | | STAFF |
| BISC-496-.00 | ID NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION | 1.0- 6.0 | IND | | TO BE ARRANGED | | STAFF |
| BISC-596-.00 | ID NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION | 1.0- 6.0 | IND | | TO BE ARRANGED | | STAFF |
| BISC-700-.00 | THESIS/PROJ STUDY/EXAM NOTE: COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | 1.0- 6.0 | IND | | TO BE ARRANGED | | STAFF |
| BOTANY | | | | | | | |
| DEPT CHAIR: WILLIAM BARKER • DEAN HALL 201 • 963-2731 | | | | | | | |
| SIX WEEK SESSION | | | | | | | |
| BOT -211-.01 | PLNTS IN MOD WRLD NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | 5.0 | LEL | TRF MW | 10:10 AM - 11:40 AM 10:10AM-12:40PM | DN 241 DN 107 | BARKER W |
| FULL SESSION | | | | | | | |
| BOT -496-.00 | ID NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION | 1.0- 6.0 | IND | | TO BE ARRANGED | | STAFF |
| BOT -596-.00 | ID NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION | 1.0- 6.0 | IND | | TO BE ARRANGED | | STAFF |
| CHEMISTRY | | | | | | | |
| DEPT CHAIR: DONALD DIETRICH • DEAN 301 • 963-2811 | | | | | | | |
| FIRST SHORT SESSION | | | | | | | |
| CHEM-111-.01 | INTR TO CHEMISTRY NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 4.0 | LEC | MTWRF | 07:00 AM - 08:40 AM | DN 355 | LYGRE |
| CHEM-1111-01 | CHEMISTRY LAB NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 1.0 | LAB | TR | 11:30 AM - 01:40 PM | DN 347 | LYGRE |
| CHEM-492-.01 | LAB EXP TCH CHEM NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 2.0 | LAB | | TO BE ARRANGED | | DIETRICH |
| SECOND SHORT SESSION | | | | | | | |
| CHEM-112-.01 | INTR ORGANIC CHEM NOTE: COURSE START DATE 07/19/90; COURSE END DATE 08/17/90 | 4.0 | LEC | MTWRF | 07:00 AM - 08:40 AM | DN 355 | LYGRE |
| CHEM-1121-01 | CHEMISTRY LAB NOTE: COURSE START DATE 07/19/90; COURSE END DATE 08/17/90 | 1.0 | LAB | TR | 11:30 AM - 01:40 PM | DN 347 | LYGRE |
| CHEM-492-.02 | LAB EXP TCH CHEM NOTE: COURSE START DATE 07/19/90; COURSE END DATE 08/17/90 | 2.0 | LAB | | TO BE ARRANGED | | DIETRICH |
| FULL SESSION | | | | | | | |
| CHEM-590-.00 | CONTR FIELD EXP NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | 1.0-15.0 | PCT | | TO BE ARRANGED | | STAFF |
| CHEM-595-.01 | GRADUATE RESEARCH | 12.0 | PCT | | TO BE ARRANGED | | STAFF |

| COURSE ID | COURSE TITLE | CREDIT HOURS | ACTIVITY | CLASS DAYS | MEETING TIMES | ROOM | INSTRUCTOR |
|---|--|--------------|----------|-------------|--|------------------|------------|
| Chemistry (continued) | | | | | | | |
| CHEM-596-.00 | ID NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION | 1.0- 6.0 | IND | | TO BE ARRANGED | | STAFF |
| CHEM-700-.00 | THESIS/PROJ STUDY/EXAM NOTE: COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | 1.0- 6.0 | IND | | TO BE ARRANGED | | STAFF |
| COMMUNICATION | | | | | | | |
| DEPT CHAIR: CORWIN KING • BOUILLON 252 • 963-1066 | | | | | | | |
| SIX WEEK SESSION | | | | | | | |
| COM -380-.01 | NONVERBAL COM NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | 4.0 | LEC | MTWRF | 08:50 AM - 10:00 AM | AS 212 | SANDS C |
| COM -429-.01 | CLASSROOM COMM NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | 5.0 | LEC | MTWRF | 02:10 PM - 03:40 PM | BU 127 | BACKLUND P |
| FIRST SHORT SESSION | | | | | | | |
| COM -498-.01 | SPT:PHOTOG FOR PUB NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 4.0 | LEC | MTWRF | 07:30 AM - 09:00 AM | BU 234 | FOSTER J |
| FULL SESSION | | | | | | | |
| COM -490-.00 | CONTR FIELD EXP NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | 1.0-15.0 | PCT | | TO BE ARRANGED | | STAFF |
| COM -496-.00 | ID NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION | 1.0- 6.0 | IND | | TO BE ARRANGED | | STAFF |
| COMPUTER SCIENCE | | | | | | | |
| DEPT CHAIR: GEORGE TOWN • HEBELER 219C • 963-1495 | | | | | | | |
| SECOND SHORT SESSION | | | | | | | |
| CPSC-101-.01 | COMPUTER BASICS NOTE: COMPUTER USAGE FEE REQUIRED COURSE START DATE 07/19/90; COURSE END DATE 08/17/90 | 4.0 | LEL | MTWRF TR | 07:30 AM - 08:40 AM 08:50AM-10:00AM | HB 121 HB 209 | MARTIN |
| CPSC-333-.01 | COMP SCI TOPC EDUCATOR NOTE: COURSE START DATE 07/19/90; COURSE END DATE 08/17/90 COMPUTER USAGE FEE REQUIRED | 4.0 | LEL | MTWRF TR | 10:10 AM - 11:20 AM 11:30AM-12:40PM | HB 122 HB 209 | MARTIN B |
| FULL SESSION | | | | | | | |
| CPSC-490-.00 | CONTR FIELD EXP NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | 1.0-15.0 | PCT | | TO BE ARRANGED | | STAFF |
| CPSC-492-.01 | LAB EXP TCH COMP | 1.0 | PCT | | TO BE ARRANGED | | MARTIN B |
| CPSC-492-.02 | LAB EXP TCH COMP | 2.0 | PCT | | TO BE ARRANGED | | MARTIN B |
| CPSC-496-.00 | ID NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION | 1.0- 6.0 | IND | | TO BE ARRANGED | | STAFF |

| COURSE ID | COURSE TITLE | CREDIT HOURS | ACTIVITY | CLASS DAYS | MEETING TIMES | ROOM | INSTRUCTOR |
|--|---|--------------|----------|------------|---------------------|--------|-------------|
| DRAMA | | | | | | | |
| DEPT CHAIR: RICHARD LEINAWEAVER • MC CONNELL 102 • 963-1766 | | | | | | | |
| SIX WEEK SESSION | | | | | | | |
| DR -420-.01 | TCH COM/DR EL SCH NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | 3.0 | LEP | MTWRF | 07:30 AM - 08:40 AM | MC 107 | HAWKINS |
| FULL SESSION | | | | | | | |
| DR -269-.01 | BASIC ACTING TECH | 5.0 | LEP | MTWRF | 08:50 AM - 10:40 AM | MC 201 | LEINAWEAVER |
| DR -312-.01 | CREAT DR SCH/LEIS | 4.0 | RCT | MTWRF | 11:30 AM - 01:00 PM | MC 107 | HAWKINS J |
| DR -490-.00 | CONTR FIELD EXP NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | 1.0-15.0 | PCT | | TO BE ARRANGED | | STAFF |
| DR -496-.00 | ID NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION | 1.0- 6.0 | IND | | TO BE ARRANGED | | STAFF |
| ENGLISH | | | | | | | |
| DEPT CHAIR: JOHN VIFIAN • LANGUAGE LITERATURE 423 • 963-1546 | | | | | | | |
| FIRST SHORT SESSION | | | | | | | |
| ENG -100U-02 | BAS ENGL GR/USAGE NOTE: BY PERMISSION CREDIT WILL NOT BE ALLOWED FOR DEGREE REQUIREMENT COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 SATISFACTORY/UNSATISFACTORY ONLY | 1.0 | LAB | | TO BE ARRANGED | | STAFF |
| SECOND SHORT SESSION | | | | | | | |
| ENG -100U-03 | BAS ENGL GR/USAGE NOTE: BY PERMISSION CREDIT WILL NOT BE ALLOWED FOR DEGREE REQUIREMENT COURSE START DATE 07/19/90; COURSE END DATE 08/17/90 SATISFACTORY/UNSATISFACTORY ONLY | 1.0 | LAB | | TO BE ARRANGED | | STAFF |
| FULL SESSION | | | | | | | |
| ENG -100S-01 | BAS ENGL SPELLING NOTE: CREDIT WILL NOT BE ALLOWED FOR DEGREE REQUIREMENT SATISFACTORY/UNSATISFACTORY ONLY | 3.0 | LEC | MWF | 10:10 AM - 11:20 AM | LL 103 | STAFF |
| ENG -100U-01 | BAS ENGL GR/USAGE NOTE: CREDIT WILL NOT BE ALLOWED FOR DEGREE REQUIREMENT SATISFACTORY/UNSATISFACTORY ONLY | 2.0 | LAB | | TO BE ARRANGED | | STAFF |
| ENG -100W-01 | REM WRT/BASIC WRT NOTE: CREDIT WILL NOT BE ALLOWED FOR DEGREE REQUIREMENT SATISFACTORY/UNSATISFACTORY ONLY | 2.0 | LEP | | TO BE ARRANGED | | STAFF |
| ENG -101-.01 | ENGL COMPOSITION NOTE: COMPUTER USAGE FEE REQUIRED | 3.0 | LEP | MWF | 12:50 PM - 01:50 PM | BL 106 | HALPERIN |
| ENG -102-.01 | ENGL COMPOSITION | 3.0 | LEP | MWF | 12:50 PM - 02:00 PM | LL 343 | CIOFFI |
| ENG -102-.02 | ENGL COMPOSITION | 3.0 | LEP | MWF | 02:10 PM - 03:20 PM | LL 325 | BARRY |
| ENG -105-.01 | LIT IMAGINATN:INT | 5.0 | LEC | MTWRF | 08:50 AM - 09:50 AM | LL 307 | POWELL |
| ENG -105-.02 | LIT IMAGINATN:INT | 5.0 | LEC | MTWRF | 10:10 AM - 11:10 AM | LL 343 | CIOFFI |
| ENG -301-.01 | ENGL COMPOSITION | 3.0 | LEP | MWF | 08:50 AM - 09:50 AM | LL 314 | CLARK |
| ENG -301-.02 | ENGL COMPOSITION | 3.0 | LEP | MWF | 12:50 PM - 01:50 PM | LL 354 | GARRISON |
| ENG -310-.01 | TECHNICAL WRITING | 4.0 | LEP | MWF | 11:30 AM - 12:40 PM | LL 307 | POWELL |
| ENG -320-.01 | ENGLISH GRAMMAR | 4.0 | LEC | MTRF | 11:30 AM - 12:30 PM | LL 314 | CLARK J |
| ENG -342-.01 | LITERATURE & MYTH | 5.0 | LEC | MTWRF | 02:10 PM - 03:10 PM | LL 354 | GARRISON |
| ENG -411-.01 | ST IN MAJ AMER WR | 3.0 | SEM | MWF | 10:10 AM - 11:10 AM | LL 358 | HALPERIN |
| ENG -496-.00 | ID NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION | 1.0- 6.0 | IND | | TO BE ARRANGED | | STAFF |
| ENG -498-.01 | SPT:READING THE POEM | 3.0 | LEC | MWF | 08:50 AM - 09:50 AM | LL 358 | HALPERIN |
| ENG -498-.02 | SPT:KING ARTHUR RDS AG | 3.0 | LEC | MWF | 11:30 AM - 12:30 PM | LL 325 | BARRY |
| ENG -512-.01 | INT ENG GRAD STDY | 5.0 | SEM | MTWRF | 12:50 PM - 01:50 PM | LL 314 | CLARK J |
| ENG -515-.01 | ADV STD AMER LIT | 4.0 | LEC | MWF | 10:10 AM - 11:10 AM | LL 358 | HALPERIN |

English (continued)

DEPT CHAIR: KENNETH HAMMOND • LIND 119 • 963-1188

NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90

| 02/2/2019 | | | | | | | |
|--------------|---|----------|-----|-------|---------------------|--------|-----------|
| GEOG-107-.01 | INT TO PHYS GEOG | 5.0 | LEC | MTWRF | 07:30 AM - 08:40 AM | LD 104 | HAMMOND K |
| GEOG-490-.00 | CONTR FIELD EXP | 1.0-15.0 | PCT | | TO BE ARRANGED | | HAMMOND K |
| | NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | | | | | | |
| GEOG-496-.00 | ID | 1.0- 6.0 | IND | | TO BE ARRANGED | | HAMMOND K |
| | NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION | | | | | | |

DEPT CHAIR: JAMES R HINTHORNE • LIND HALL 101 • 963-2701

| | | | | | | | |
|--------------|--|-----|-----|-------|---------------------|--------|---------|
| GEOL-305-.01 | GEOL WST NATL PRK | 2.0 | LEC | MWF | 12:50 PM - 02:00 PM | LD 215 | RINGE |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | | | | | | |
| GEOL-307-.01 | GEOL COL PLATEAU | 1.0 | LEC | TR | 12:50 PM - 02:00 PM | LD 215 | RINGE |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | | | | | | |
| GEOL-380-.01 | ENVIRON GEOLOGY | 3.0 | LEC | MTWRF | 08:50 AM - 10:00 AM | LD 215 | RINGE D |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | | | | | | |

GEOL-320-01 INTR MINRL/ROCKS 3.0 LEL MTWRF 08:50 AM - 10:00 AM LD 115 FARKAS
 NOTE: COURSE START DATE 07/19/90; COURSE END DATE 08/17/90

| | | | | | | | |
|---|------------------|----------|-----|-------|---------------------|--------|--------|
| GEOL-345-.01 | PRINC OF GEOLOGY | 5.0 | LEL | MTWRF | 11:30 AM - 12:40 PM | LD 215 | FARKAS |
| GEOL-490-.00 | CONTR FIELD EXP | 1.0-15.0 | PCT | T | 02:10PM-04:00PM | LD 115 | STAFF |
| NOTE: BY PERMISSION | | | | | | | |
| FORMS COMPLETED BEFORE REGISTRATION | | | | | | | |
| COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | | | | | | | |

DEPT CHAIR: DONALD SHUPE • PSYCHOLOGY BUILDING 451 • 963-3629

| | | | | | |
|-------------|---|----------|-----|----------------|-------|
| GERO-490-00 | CONTR FIELD EXP | 5.0-15.0 | PCT | TO BE ARRANGED | STAFF |
| | NOTE: BY PERMISSION | | | | |
| | FORMS COMPLETED BEFORE REGISTRATION | | | | |
| | COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | | | | |
| GERO-496-00 | ID | 1.0- 3.0 | IND | TO BE ARRANGED | STAFF |
| | NOTE: BY PERMISSION | | | | |
| | FORMS COMPLETED BEFORE REGISTRATION | | | | |

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| COURSE ID | COURSE TITLE | CREDIT HOURS | ACTIV-ITY | CLASS DAYS | MEETING TIMES | ROOM | INSTRUCTOR |
|--|--|--------------|-----------|------------|---------------------|--------|-------------|
| HISTORY | | | | | | | |
| DEPT CHAIR: DANIEL RAMSDELL • SHAW-SMYSER 101 • 963-1655 | | | | | | | |
| FIRST SHORT SESSION | | | | | | | |
| HIST-498-01 | SPT:EARLY CHINA/JAPAN NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 3.0 | LEC | MTWRF | 10:10 AM - 11:20 AM | SS 105 | RAMSDELL |
| SECOND SHORT SESSION | | | | | | | |
| HIST-301-.01 | PACIFIC NW HIST NOTE: COURSE START DATE 07/19/90; COURSE END DATE 08/17/90 | 3.0 | LEC | MTWRF | 10:10 AM - 11:20 AM | SS 105 | LOWTHER L |
| FULL SESSION | | | | | | | |
| HIST-103-.01 | WD CIV SINCE 1815 | 5.0 | LEC | MTWRF | 08:50 AM - 10:00 AM | SS 105 | KRAMAR Z |
| HIST-144-.01 | US HIST SNCE 1865 | 5.0 | LEC | MTWRF | 12:50 PM - 02:00 PM | SS 105 | KUNZ M |
| HIST-4301-01 | TUDOR-STUART ENGL | 5.0 | LEC | MTWRF | 11:30 AM - 12:40 PM | SS 105 | LEROY P |
| HIST-496-.00 | ID NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION | 1.0- 6.0 | IND | | TO BE ARRANGED | | STAFF |
| HIST-497-.00 | HONORS IND STUDY NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION | 1.0- 6.0 | IND | | TO BE ARRANGED | | STAFF |
| HIST-596-.00 | ID NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION | 1.0- 6.0 | IND | | TO BE ARRANGED | | STAFF |
| HIST-700-.00 | THESIS/PROJ STUDY/EXAM NOTE: COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | 1.0- 6.0 | IND | | TO BE ARRANGED | | STAFF |
| HUMANITIES | | | | | | | |
| DEPT CHAIR: RAYMOND A SMITH • LANGUAGE LITERATURE 316 • 963-3531 | | | | | | | |
| FULL SESSION | | | | | | | |
| HUM -175-.01 | ID/LIT WEST TRADN | 5.0 | LEC | MTWRF | 07:30 AM - 08:30 AM | LL 325 | SMITH R |
| LAW AND JUSTICE | | | | | | | |
| DEPT CHAIR: MAX ZWANZIGER • PSYCHOLOGY BUILDING 462 • 963-3208 | | | | | | | |
| FULL SESSION | | | | | | | |
| LAJ -490-.00 | FIELD EXPERIENCE NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | 1.0-15.0 | PCT | | TO BE ARRANGED | | STAFF |
| LAJ -496-.00 | ID NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION | 1.0- 6.0 | IND | | TO BE ARRANGED | | STAFF |
| MATHEMATICS | | | | | | | |
| DEPT CHAIR: FRED CUTLIP • BOUILLON HALL 115 • 963-2103 | | | | | | | |
| SPECIAL OFFERING | | | | | | | |
| MATH-598-.01 | SPT:INTUITIVE GEOMETRY NOTE: COURSE START DATE 07/19/90; COURSE END DATE 07/31/90 | 2.0 | LEC | MTWRF | 02:10 PM - 04:20 PM | BU 113 | HINTHORNE S |
| FIRST SHORT SESSION | | | | | | | |
| MATH-100-.02 | BASIC MATH NOTE: BY PERMISSION CREDIT WILL NOT BE ALLOWED FOR DEGREE REQUIREMENT COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 SATISFACTORY/UNSATISFACTORY ONLY | 2.0 | LEL | | TO BE ARRANGED | | STAFF |

| COURSE ID | COURSE TITLE | CREDIT HOURS | ACTIVITY | CLASS DAYS | MEETING TIMES | ROOM | INSTRUCTOR |
|--|--|--------------|----------|------------|---------------------|--------|---------------|
| Mathematics (continued) | | | | | | | |
| MATH-100.-03 | BASIC MATH NOTE: BY PERMISSION CREDIT WILL NOT BE ALLOWED FOR DEGREE REQUIREMENT COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 SATISFACTORY/UNSATISFACTORY ONLY | 1.0 | LEL | | TO BE ARRANGED | | STAFF |
| MATH-530.-01 | MATH RECREATIONS NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 3.0 | LEC | MTWRF | 11:30 AM - 12:40 PM | BU 113 | HINTHORNE S |
| MATH-550.-01 | TRANSFORMATN GEOM NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 3.0 | LEC | MTWRF | 02:10 PM - 03:20 PM | BU 113 | HINTHORNE S |
| SECOND SHORT SESSION | | | | | | | |
| MATH-100.-04 | BASIC MATH NOTE: BY PERMISSION CREDIT WILL NOT BE ALLOWED FOR DEGREE REQUIREMENT COURSE START DATE 07/19/90; COURSE END DATE 08/17/90 SATISFACTORY/UNSATISFACTORY ONLY | 2.0 | LEL | | TO BE ARRANGED | | STAFF |
| MATH-100.-05 | BASIC MATH NOTE: BY PERMISSION CREDIT WILL NOT BE ALLOWED FOR DEGREE REQUIREMENT COURSE START DATE 07/19/90; COURSE END DATE 08/17/90 SATISFACTORY/UNSATISFACTORY ONLY | 1.0 | LEL | | TO BE ARRANGED | | STAFF |
| MATH-5242-01 | MATH MTH HIGH SCH NOTE: COURSE START DATE 07/19/90; COURSE END DATE 08/17/90 | 3.0 | LEC | MTWRF | 11:30 AM - 12:40 PM | BU 113 | HINTHORNE S |
| FULL SESSION | | | | | | | |
| MATH-100.-01 | BASIC MATH NOTE: CREDIT WILL NOT BE ALLOWED FOR DEGREE REQUIREMENT SATISFACTORY/UNSATISFACTORY ONLY | 4.0 | LEL | | TO BE ARRANGED | | STAFF |
| MATH-101.-01 | MATH IN MOD WORLD | 5.0 | LEC | MTWRF | 08:50 AM - 09:50 AM | BU 108 | EBERLY W |
| MATH-1301-01 | FINITE MATH I NOTE: TEAM TAUGHT BY LIN AND GAMON | 5.0 | LEC | MTWRF | 11:30 AM - 12:30 PM | BU 117 | GAMON K |
| MATH-1631-01 | PRE-CALC MATH I | 5.0 | LEC | MTWRF | 10:10 AM - 11:10 AM | BU 107 | HARPER |
| MATH-1721-01 | CALCULUS | 5.0 | LEC | MTWRF | 11:30 AM - 12:30 PM | BU 107 | HARPER J |
| MATH-496.-00 | ID NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION | 1.0- 6.0 | IND | | TO BE ARRANGED | | STAFF |
| MATH-572.-01 | ELEM REAL ANALYSIS | 5.0 | LEC | MTWRF | 12:50 PM - 01:50 PM | BU 107 | EBERLY W |
| MATH-595.-00 | GRADUATE RESEARCH NOTE: COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | 1.0-10.0 | IND | | TO BE ARRANGED | | STAFF |
| MATH-596.-00 | ID NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION | 1.0- 6.0 | IND | | TO BE ARRANGED | | STAFF |
| MUSIC | | | | | | | |
| DEPT CHAIR: DONALD H WHITE • HERTZ HALL 101 • 963-1216 | | | | | | | |
| FIRST SHORT SESSION | | | | | | | |
| MUS -101.-01 | HISTORY OF JAZZ NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 5.0 | LEC | MTWRF | 12:50 PM - 03:20 PM | HR 120 | MOAWAD J |
| MUS -102.-01 | INTRO TO MUSIC NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 5.0 | LEC | MTWRF | 08:50 AM - 11:20 AM | HR 103 | NESSSELROAD S |
| MUS -266.-01 | WIND ENSEMBLE NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 1.0 | LAB | M | 07:00 PM - 10:00 PM | HR 122 | GOOKIN L |
| MUS -267.-01 | CHOIR NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 1.0 | LAB | T | 07:00 PM - 10:00 PM | HR 119 | BOERS G |
| MUS -326.-01 | MUSIC IN CLASSRM NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 3.0 | LEL | MTWRF | 08:50 AM - 10:00 AM | HR 105 | BOURNE P |
| MUS -466.-01 | WIND ENSEMBLE NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 1.0 | LAB | M | 07:00 PM - 10:00 PM | HR 122 | GOOKIN L |
| MUS -467.-01 | CHOIR NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 1.0 | LAB | T | 07:00 PM - 10:00 PM | HR 119 | BOERS G |
| MUS -521.-01 | METH MUSICAL RSRCH NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 3.0 | LEC | MTWRF | 03:30 PM - 04:40 PM | HR 104 | BALDWIN |

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| COURSE ID | COURSE TITLE | CREDIT HOURS | ACTIVITY | CLASS DAYS | MEETING TIMES | ROOM | INSTRUCTOR |
|--------------------------|--|--------------|----------|------------|---------------------|--------|------------|
| Music (continued) | | | | | | | |
| MUS -540.-01 | CHORAL INTP/TECHN | 3.0 | LAB | MTWRF | 02:10 PM - 03:20 PM | HR 105 | BOERS G |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | | | | | | |
| MUS -541.-01 | ADV CONDUCTING | 3.0 | LAB | MTWRF | 12:50 PM - 02:00 PM | HR 122 | GOOKIN L |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | | | | | | |
| MUS -560.-01 | PSYCH/GUID MUS ED | 3.0 | LEC | MTWRF | 10:10 AM - 11:20 AM | HR 105 | BOURNE P |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | | | | | | |
| MUS -566.-01 | WIND ENSEMBLE | 1.0 | LAB | M | 07:00 PM - 10:00 PM | HR 122 | GOOKIN L |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | | | | | | |
| MUS -567.-01 | CHOIR | 1.0 | LAB | T | 07:00 PM - 10:00 PM | HR 119 | BOERS G |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | | | | | | |
| MUS -589.-01 | HARMONIC ANALYSIS | 3.0 | LEC | MTWRF | 11:30 AM - 12:40 PM | HR 103 | WHITE D |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | | | | | | |
| MUS -599.-01 | SEM:IMPRESSIONISM | 3.0 | SEM | MTWRF | 08:50 AM - 10:00 AM | HR 104 | WHITE D |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | | | | | | |

SECOND SHORT SESSION

| | | | | | | | |
|--------------|--|-----|-----|-------|---------------------|--------|---------|
| MUS -102.-02 | INTRO TO MUSIC | 5.0 | LEC | MTWRF | 12:50 PM - 03:20 PM | HR 104 | GRIES P |
| | NOTE: COURSE START DATE 07/19/90; COURSE END DATE 08/17/90 | | | | | | |

FULL SESSION

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|--------------|---|----------|-----|--|----------------|--|-------|
| MUS -490.-00 | CONTR FIELD EXP | 1.0-15.0 | PCT | | TO BE ARRANGED | | STAFF |
| | NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | | | | | | |
| MUS -496.-00 | ID | 1.0- 6.0 | IND | | TO BE ARRANGED | | STAFF |
| | NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION | | | | | | |
| MUS -596.-00 | ID | 1.0- 6.0 | IND | | TO BE ARRANGED | | STAFF |
| | NOTE: ADDITIONAL FEES REQUIRED BY PERMISSION | | | | | | |
| MUS -700.-00 | THESIS/PROJ STUDY/EXAM | 1.0- 6.0 | IND | | TO BE ARRANGED | | STAFF |
| | NOTE: BY PERMISSION COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | | | | | | |

PHILOSOPHY

DEPT CHAIR: CHESTER KELLER • LANGUAGE LITERATURE 100 • 963-1818

SIX WEEK SESSION

| | | | | | | | |
|--------------|--|-----|-----|-------|---------------------|--------|--------------|
| PHIL-101.-01 | INT TO PHILOSOPHY | 5.0 | LEC | MTWRF | 08:50 AM - 10:20 AM | LL 106 | BURKHOLDER P |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | | | | | | |
| PHIL-201.-01 | INTRO TO LOGIC | 5.0 | LEC | MTWRF | 11:30 AM - 01:00 PM | LL 106 | UTZINGER J |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | | | | | | |
| PHIL-503.-01 | PHIL OF EDUCATION | 3.0 | LEC | MTWR | 11:30 AM - 12:40 PM | LL 213 | BURKHOLDER P |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 DOUBLE LISTED WITH EDUCATION | | | | | | |

FULL SESSION

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|--------------|--|----------|-----|--|----------------|--|-------|
| PHIL-496.-00 | ID | 1.0- 6.0 | IND | | TO BE ARRANGED | | STAFF |
| | NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION | | | | | | |

PHYSICS

DEPT CHAIR: VANCE JOHNSON • LIND HALL 201 • 963-2727

FULL SESSION

| | | | | | | | |
|--------------|----------------------|-----|-----|-----------|--|------------------|----------|
| PHYS-111.-01 | INTRODUCTORY PHYSICS | 5.0 | LEL | MTRF W | 10:10 AM - 11:20 AM 10:10AM-02:00PM | LD 215 LD 202 | ROSELL S |
|--------------|----------------------|-----|-----|-----------|--|------------------|----------|

| COURSE ID | COURSE TITLE | CREDIT HOURS | ACTIV-ITY | CLASS DAYS | MEETING TIMES | ROOM | INSTRUCTOR |
|-----------|--------------|--------------|-----------|------------|---------------|------|------------|
|-----------|--------------|--------------|-----------|------------|---------------|------|------------|

POLITICAL SCIENCE

DEPT CHAIR: JAMES BROWN • PSYCHOLOGY BUILDING 414 • 963-2408

SECOND SHORT SESSION

| | | | | | | | |
|--------------|--------------------------|-----|-----|-------|---------------------|--------|---------|
| POSC-398-.01 | SPT:POL ECON E ASIAN DEV | 3.0 | LEC | MTWRF | 10:10 AM - 11:20 AM | LL 221 | LAUNIUS |
|--------------|--------------------------|-----|-----|-------|---------------------|--------|---------|

NOTE: COURSE START DATE 07/19/90; COURSE END DATE 08/17/90

FULL SESSION

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|--------------|-------------------|----------|-----|-------|---------------------|--------|----------|
| POSC-210-.01 | AMERICAN POLITICS | 5.0 | LEC | MTWRF | 08:50 AM - 09:50 AM | RN 115 | WIRTH R |
| POSC-210-.02 | AMERICAN POLITICS | 5.0 | LEC | MTWRF | 10:10 AM - 11:10 AM | PS 256 | JACOBS R |
| POSC-490-.00 | FIELD EXPERIENCE | 1.0-15.0 | PCT | | TO BE ARRANGED | | STAFF |

NOTE: BY PERMISSION

FORMS COMPLETED BEFORE REGISTRATION

COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY

| | | | | | | | |
|--------------|----|----------|-----|--|----------------|--|-------|
| POSC-496-.00 | ID | 1.0- 6.0 | IND | | TO BE ARRANGED | | STAFF |
|--------------|----|----------|-----|--|----------------|--|-------|

NOTE: BY PERMISSION

FORMS COMPLETED BEFORE REGISTRATION

PSYCHOLOGY

DEPT CHAIR: PHILIP TOLIN • PSYCHOLOGY BUILDING 422 • 963-2381

SIX WEEK SESSION

| | | | | | | | |
|--------------|--|-----|-----|-------|---------------------|--------|-------------|
| PSY -314-.01 | HMN DEV & LEARNER | 4.0 | LEC | MTWRF | 10:10 AM - 11:20 AM | RN 117 | PRATZ O |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | | | | | | |
| PSY -314-.02 | HMN DEV & LEARNER | 4.0 | LEC | MTWRF | 08:50 AM - 10:00 AM | PS 263 | STEIN S |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | | | | | | |
| PSY -346-.01 | SOCIAL PSYCH | 4.0 | LEC | MTWRF | 11:30 AM - 12:40 PM | PS 267 | STREET W |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | | | | | | |
| PSY -350-.01 | SLEEP & DREAMING | 3.0 | LEC | MTWR | 10:10 AM - 11:20 AM | PS 257 | SHUPE D |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | | | | | | |
| PSY -404-.01 | PSYCH OF GIFTED | 3.0 | LEC | MTWR | 11:30 AM - 12:40 PM | PS 257 | GOODEY D |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | | | | | | |
| PSY -449-.01 | ABNORMAL PSYCH | 4.0 | LEC | MTWRF | 10:10 AM - 11:20 AM | PS 267 | ZWANZIGER M |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | | | | | | |
| PSY -498-.01 | SPT:PSYCH OF SPORT | 4.0 | LEC | MTWRF | 12:50 PM - 02:00 PM | PS 257 | LONBORG S |
| | NOTE: BY PERMISSION | | | | | | |
| | COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | | | | | | |
| PSY -525-.01 | PSYCH OF READING | 3.0 | LEC | MTWR | 10:10 AM - 11:20 AM | BL 209 | WALLACE R |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | | | | | | |
| | DOUBLE LISTED WITH EDUCATION | | | | | | |
| PSY -552-.01 | HMN GRWTH DEV/ADV | 3.0 | LEC | MTWR | 10:10 AM - 11:20 AM | PS 263 | FOUTS R |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | | | | | | |
| PSY -552-.02 | HMN GRWTH DEV/ADV | 3.0 | LEC | MTWR | 08:50 AM - 10:00 AM | PS 370 | SHUPE D |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | | | | | | |
| PSY -552-.03 | HMN GRWTH DEV/ADV | 3.0 | LEC | MTWR | 11:30 AM - 12:40 PM | PS 370 | FOUTS R |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | | | | | | |
| PSY -559-.01 | ADV EDUC PSYCH | 4.0 | LEC | MTWR | 11:30 AM - 01:00 PM | PS 486 | STREET L |
| | NOTE: BY PERMISSION | | | | | | |
| | COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | | | | | | |

SPECIAL OFFERING

| | | | | | | | |
|--------------|------------------|-----|-----|---------|--|------------------|-----------|
| PSY -487-.01 | GROUP PROC/LDRSH | 3.0 | LEP | SU F | 08:00 AM - 05:00 PM 01:00PM-04:00PM | PS 217 PS 217 | EUBANKS J |
|--------------|------------------|-----|-----|---------|--|------------------|-----------|

NOTE: COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY

COURSE START DATE 06/22/90; COURSE END DATE 07/01/90

DOUBLE LISTED WITH EDUCATION

MEETS: 6/22, 29, FROM 1:00 PM TO 4:00 PM

AND 6/23,24,30, 7/1 FROM

8:00 AM TO 5:00 PM

FIRST SHORT SESSION

| | | | | | | | |
|--------------|-------------------|-----|-----|-------|---------------------|--------|-----------|
| PSY -467-.01 | MALADJUSTED CHILD | 3.0 | LEC | MTWRF | 12:50 PM - 02:00 PM | PS 370 | MERRELL K |
|--------------|-------------------|-----|-----|-------|---------------------|--------|-----------|

NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90

| COURSE ID | COURSE TITLE | CREDIT HOURS | ACTIVITY | CLASS DAYS | MEETING TIMES | ROOM | INSTRUCTOR |
|-------------------------------|--|--------------|----------|------------|---------------------|--------|-------------|
| Psychology (continued) | | | | | | | |
| PSY -597-.01 | SUPV FLD EXP COUN NOTE: COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 3.0 | PCT | | TO BE ARRANGED | | SILVA J |
| SECOND SHORT SESSION | | | | | | | |
| PSY -235-.01 | COURTSHIP/MARRIAGE NOTE: COURSE START DATE 07/19/90; COURSE END DATE 08/17/90 DOUBLE LISTED WITH HOF5 | 3.0 | LEC | MTWRF | 11:30 AM - 12:40 PM | PS 263 | RICHARDS P |
| PSY -447-.01 | PSY OF ADOLESCENC NOTE: COURSE START DATE 07/19/90; COURSE END DATE 08/17/90 | 3.0 | LEC | MTWRF | 08:50 AM - 10:00 AM | PS 466 | RICHARDS P |
| FULL SESSION | | | | | | | |
| PSY -101-.01 | GEN PSYCHOLOGY | 5.0 | LEC | MTWRF | 08:50 AM - 09:50 AM | PS 267 | ZWANZIGER M |
| PSY -295-.01 | LAB EXP IN PSYCH NOTE: COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | 2.0 | LAB | | TO BE ARRANGED | | FOUTS R |
| PSY -315-.01 | PSYCH FOR CLSRM NOTE: BY PERMISSION | 4.0 | LEC | MTWR | 07:30 AM - 08:30 AM | PS 256 | EUBANKS J |
| PSY -315-.02 | PSYCH FOR CLSRM NOTE: BY PERMISSION | 4.0 | LEC | MTWR | 08:50 AM - 09:50 AM | PS 256 | SPARKS L |
| PSY -315-.03 | PSYCH FOR CLSRM NOTE: BY PERMISSION | 4.0 | LEC | MTWR | 11:30 AM - 12:30 PM | PS 256 | STEIN S |
| PSY -315-.04 | PSYCH FOR CLSRM NOTE: BY PERMISSION | 4.0 | LEC | MTWR | 10:10 AM - 11:10 AM | PS 466 | STREET L |
| PSY -362-.01 | INTRODUCTORY STATISTICS | 4.0 | LEC | MTWR | 08:50 AM - 10:00 AM | PS 370 | TOLIN P |
| PSY -490-.00 | CONTR FIELD EXP NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | 1.0-15.0 | PCT | | TO BE ARRANGED | | STAFF |
| PSY -496-.00 | ID NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION | 1.0- 4.0 | IND | | TO BE ARRANGED | | STAFF |
| PSY -533-.01 | PR & PR ADLER PSY | 4.0 | LEC | T | 06:00 PM - 10:00 PM | PS 466 | GOODHEY D |
| PSY -573-.01 | CAREER DEVELOPMNT | 3.0 | LEC | W | 06:00 PM - 09:00 PM | PS 466 | LONBORG S |
| PSY -593C-.01 | PRACT IN COUNSEL NOTE: BY PERMISSION COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | 3.0 | PCT | | TO BE ARRANGED | | SPARKS L |
| PSY -593D-.01 | PRACT IN COUNSEL NOTE: BY PERMISSION COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | 3.0 | PCT | | TO BE ARRANGED | | PRATZ D |
| PSY -593E-.01 | PRACT IN COUSEL NOTE: BY PERMISSION COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | 3.0 | PCT | | TO BE ARRANGED | | SILVA J |
| PSY -596-.00 | ID NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION | 1.0- 6.0 | IND | | TO BE ARRANGED | | STAFF |
| PSY -5991-.01 | PROFESSIONAL PROB | 3.0 | LEP | T | 06:00 PM - 09:00 PM | PS 256 | MERRELL K |
| PSY -6841-.01 | COUNSELING INTERN NOTE: BY PERMISSION COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | 5.0 | PCT | | TO BE ARRANGED | | SILVA J |
| PSY -6841-.02 | COUNSELING INTERN NOTE: BY PERMISSION COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | 6.0 | PCT | | TO BE ARRANGED | | SILVA J |
| PSY -6841-.03 | COUNSELING INTERN NOTE: BY PERMISSION COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | 7.0 | PCT | | TO BE ARRANGED | | SILVA J |
| PSY -6841-.04 | COUNSELING INTERN NOTE: BY PERMISSION COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | 8.0 | PCT | | TO BE ARRANGED | | SILVA J |
| PSY -6841-.05 | COUNSELING INTERN NOTE: BY PERMISSION COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | 9.0 | PCT | | TO BE ARRANGED | | SILVA J |
| PSY -6841-.06 | COUNSELING INTERN NOTE: BY PERMISSION COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | 10.0 | PCT | | TO BE ARRANGED | | SILVA J |
| PSY -6841-.07 | COUNSELING INTERN NOTE: BY PERMISSION COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | 11.0 | PCT | | TO BE ARRANGED | | SILVA J |

| COURSE ID | COURSE TITLE | CREDIT HOURS | ACTIVITY | CLASS DAYS | MEETING TIMES | ROOM | INSTRUCTOR |
|-------------------------------|---|--------------|----------|------------|----------------|------|------------|
| Psychology (continued) | | | | | | | |
| PSY -6841-08 | COUNSELING INTERN NOTE: BY PERMISSION COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | 12.0 | PCT | | TO BE ARRANGED | | SILVA J |
| PSY -6841-09 | COUNSELING INTERN NOTE: BY PERMISSION COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | 13.0 | PCT | | TO BE ARRANGED | | SILVA J |
| PSY -6841-10 | COUNSELING INTERN NOTE: BY PERMISSION COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | 14.0 | PCT | | TO BE ARRANGED | | SILVA J |
| PSY -6841-11 | COUNSELING INTERN NOTE: BY PERMISSION COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | 15.0 | PCT | | TO BE ARRANGED | | SILVA J |
| PSY -6842-01 | SCH COUNS INTERN NOTE: BY PERMISSION COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | 5.0 | PCT | | TO BE ARRANGED | | SILVA J |
| PSY -6842-02 | SCH COUNS INTERN NOTE: BY PERMISSION COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | 6.0 | PCT | | TO BE ARRANGED | | SILVA J |
| PSY -6842-03 | SCH COUNS INTERN NOTE: BY PERMISSION COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | 7.0 | PCT | | TO BE ARRANGED | | SILVA J |
| PSY -6842-04 | SCH COUNS INTERN NOTE: BY PERMISSION COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | 8.0 | PCT | | TO BE ARRANGED | | SILVA J |
| PSY -6842-05 | SCH COUNS INTERN NOTE: BY PERMISSION COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | 9.0 | PCT | | TO BE ARRANGED | | SILVA J |
| PSY -6842-06 | SCH COUNS INTERN NOTE: BY PERMISSION COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | 10.0 | PCT | | TO BE ARRANGED | | SILVA J |
| PSY -6842-07 | SCH COUNS INTERN NOTE: BY PERMISSION COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | 11.0 | PCT | | TO BE ARRANGED | | SILVA J |
| PSY -6842-08 | SCH COUNS INTERN NOTE: BY PERMISSION COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | 12.0 | PCT | | TO BE ARRANGED | | SILVA J |
| PSY -6842-09 | SCH COUNS INTERN NOTE: BY PERMISSION COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | 13.0 | PCT | | TO BE ARRANGED | | SILVA J |
| PSY -6842-10 | SCH COUNS INTERN NOTE: BY PERMISSION COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | 14.0 | PCT | | TO BE ARRANGED | | SILVA J |
| PSY -6842-11 | SCH COUNS INTERN NOTE: BY PERMISSION COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | 15.0 | PCT | | TO BE ARRANGED | | SILVA J |
| PSY -700.-00 | THESIS/PROJ STUDY/EXAM NOTE: COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | 1.0- 6.0 | IND | | TO BE ARRANGED | | STAFF |

RESOURCE MANAGEMENT

DEPT CHAIR: KENNETH HAMMOND • LIND 119 • 963-1188

FULL SESSION

| | | | | | | | |
|--------------|---|----------|-----|--|----------------|--|-----------|
| REM -590.-00 | INTERN/FLD EXP NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | 1.0-12.0 | PCT | | TO BE ARRANGED | | STAFF |
| REM -597.-01 | GRADUATE RESEARCH | 1.0-10.0 | IND | | TO BE ARRANGED | | HAMMOND K |
| REM -700.-00 | THESIS/PROJ STUDY/EXAM NOTE: COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | 1.0- 6.0 | IND | | TO BE ARRANGED | | STAFF |

| COURSE ID | COURSE TITLE | CREDIT HOURS | ACTIV-ITY | CLASS DAYS | MEETING TIMES | ROOM | INSTRUCTOR |
|---|-------------------|--------------|-----------|------------|---------------------|--------|------------|
| SCIENCE EDUCATION | | | | | | | |
| DEPT CHAIR: DONALD DIETRICH • DEAN HALL 319 • 963-2929 | | | | | | | |
| SIX WEEK SESSION | | | | | | | |
| SCED-322-.03 | SCI ED IN ELEM SC | 3.0 | LEC | MTWRF | 08:50 AM - 09:50 AM | DN 127 | BOLES R |
| NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | | | | | | | |
| FIRST SHORT SESSION | | | | | | | |
| SCED-322-.01 | SCI ED IN ELEM SC | 3.0 | LEC | MTWRF | 10:10 AM - 11:20 AM | DN 127 | DIETRICH D |
| NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | | | | | | | |
| SCED-420-.01 | INQ ACT EL SC SCI | 3.0 | LEC | MTWRF | 12:50 PM - 02:00 PM | DN 127 | DIETRICH D |
| NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | | | | | | | |
| FULL SESSION | | | | | | | |
| SCED-496-.00 | ID | 1.0- 6.0 | IND | | TO BE ARRANGED | | STAFF |
| NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION | | | | | | | |
| SOCIAL SCIENCE | | | | | | | |
| DEPT CHAIR: LARRY LOWTHER • SHAW-SMYSER 102 • 963-1655 | | | | | | | |
| FULL SESSION | | | | | | | |
| SOSC-420-.01 | MTH/MAT SOSC-ELEM | 3.0 | LEC | MWF | 10:10 AM - 11:20 AM | BL 109 | ALAWIYE |
| SOSC-420-.02 | MTH/MAT SOSC-ELEM | 3.0 | LEC | MWF | 08:50 PM - 10:00 PM | BU 116 | ALAWIYE |
| SOCIOLOGY | | | | | | | |
| DEPT CHAIR: DAVID KAUFMAN • INSTRUCTIONAL BLDG 409 • 963-1305 | | | | | | | |
| SIX WEEK SESSION | | | | | | | |
| SOC -265-.01 | MINORITY GROUPS | 5.0 | LEC | MTWRF | 12:50 PM - 02:20 PM | AS 201 | JOHN J |
| NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | | | | | | | |
| SOC -346-.01 | CRIMINOLOGY | 5.0 | LEC | MTWRF | 07:30 AM - 09:00 AM | AS 205 | HANSEN |
| NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | | | | | | | |
| SOC -525-.01 | SOCIETY AND EDUC | 3.0 | LEC | MTWR | 08:50 AM - 10:00 AM | AS 417 | KAUFMAN D |
| NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 COURSE REPLACES SOC 425 AS AN ELECTIVE EDUCATIONAL FOUNDATION AND RESEARCH COURSE | | | | | | | |
| SECOND SHORT SESSION | | | | | | | |
| SOC -355-.01 | CULTURE/PERSONALI | 4.0 | LEC | MTWRF | 11:30 AM - 01:00 PM | AS 212 | DENMAN |
| NOTE: COURSE START DATE 07/19/90; COURSE END DATE 08/17/90 | | | | | | | |
| FULL SESSION | | | | | | | |
| SOC -325-.01 | AGING | 5.0 | LEC | MTWRF | 10:10 AM - 11:20 AM | AS 201 | HAWKINS C |
| SOC -490-.00 | CONTR FIELD EXP | 1.0-15.0 | PCT | | TO BE ARRANGED | | KAUFMAN |
| NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | | | | | | | |
| SOC -496-.00 | ID | 1.0- 6.0 | IND | | TO BE ARRANGED | | STAFF |
| NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION | | | | | | | |

| COURSE ID | COURSE TITLE | CREDIT HOURS | ACTIV-ITY | CLASS DAYS | MEETING TIMES | ROOM | INSTRUCTOR |
|-----------|--------------|--------------|-----------|------------|---------------|------|------------|
|-----------|--------------|--------------|-----------|------------|---------------|------|------------|

SPANISH

DEPT CHAIR: ROSCO TOLMAN • LANGUAGE LITERATURE 102 • 963-1218

SIX WEEK SESSION

| | | | | | | | |
|--------------|------------------|-----|-----|-------|---------------------|--------|----------|
| SPAN-360.-01 | SP ORTHO/GR/COMP | 3.0 | LEC | MTWRF | 10:10 AM - 11:10 AM | LL 223 | TOLMAN R |
|--------------|------------------|-----|-----|-------|---------------------|--------|----------|

NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90

FIRST SHORT SESSION

| | | | | | | | |
|--------------|------------------|-----|-----|-------|---------------------|--------|----------|
| SPAN-151.-01 | FIRST YR SPANISH | 5.0 | LEC | MTWRF | 11:30 AM - 01:40 PM | LL 223 | TOLMAN R |
|--------------|------------------|-----|-----|-------|---------------------|--------|----------|

NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90

SECOND SHORT SESSION

| | | | | | | | |
|--------------|------------------|-----|-----|-------|---------------------|--------|----------|
| SPAN-152.-01 | FIRST YR SPANISH | 5.0 | LEC | MTWRF | 11:30 AM - 01:40 PM | LL 221 | BILYEU E |
|--------------|------------------|-----|-----|-------|---------------------|--------|----------|

NOTE: COURSE START DATE 07/19/90; COURSE END DATE 08/17/90

FULL SESSION

| | | | | | | | |
|--------------|----|----------|-----|--|----------------|--|-------|
| SPAN-496.-00 | ID | 1.0- 6.0 | IND | | TO BE ARRANGED | | STAFF |
|--------------|----|----------|-----|--|----------------|--|-------|

NOTE: BY PERMISSION
FORMS COMPLETED BEFORE REGISTRATION

ZOOLOGY

DEPT CHAIR: WILLIAM BARKER • DEAN HALL 201 • 963-2731

SIX WEEK SESSION

| | | | | | | | |
|--------------|------------------|-----|-----|-------|---------------------|--------|-----------|
| ZOOL-270.-01 | HUMAN PHYSIOLOGY | 5.0 | LEC | MTWRF | 08:50 AM - 10:20 AM | DN 267 | JOHNSON S |
|--------------|------------------|-----|-----|-------|---------------------|--------|-----------|

NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90

| | | | | | | | |
|--------------|-----------------------|-----|-----|---------|--|------------------|-----------|
| ZOOL-502.-01 | ADV ANIMAL PHYSIOLOGY | 3.0 | LEL | WF M | 12:50 PM - 03:20 PM 12:50PM-02:00PM | DN 263 DN 267 | JOHNSON S |
|--------------|-----------------------|-----|-----|---------|--|------------------|-----------|

NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90

FULL SESSION

| | | | | | | | |
|--------------|----|----------|-----|--|----------------|--|-------|
| ZOOL-496.-00 | ID | 1.0- 6.0 | IND | | TO BE ARRANGED | | STAFF |
|--------------|----|----------|-----|--|----------------|--|-------|

NOTE: BY PERMISSION
FORMS COMPLETED BEFORE REGISTRATION

SCHOOL OF BUSINESS AND ECONOMICS

| COURSE ID | COURSE TITLE | CREDIT HOURS | ACTIV-ITY | CLASS DAYS | MEETING TIMES | ROOM | INSTRUCTOR |
|-----------|--------------|--------------|-----------|------------|---------------|------|------------|
|-----------|--------------|--------------|-----------|------------|---------------|------|------------|

ACCOUNTING

DEPT CHAIR: GARY HEESACKER • SHAW-SMYSER 307 • 963-3339

FULL SESSION

| | | | | | | | |
|--------------|-----------------------|----------|-----|-------|---------------------|--------|-----------------|
| ACCT-251.-01 | FINANCIAL ACCT I | 5.0 | LEP | MTWRF | 07:30 AM - 08:40 AM | SS 104 | ADAMSON |
| ACCT-252.-01 | FINANCIAL ACCT II | 5.0 | LEP | MTWRF | 08:50 AM - 10:00 AM | SS 103 | LEWIS |
| ACCT-253.-01 | MANAGERIAL ACCOUNTING | 5.0 | LEC | MTWRF | 10:10 AM - 11:20 AM | SS 103 | RICHARDSON |
| ACCT-301.-01 | MNG ACCTG ANALYS | 5.0 | LEP | MTWRF | 11:30 AM - 12:40 PM | SS 103 | NEWBILL C |
| ACCT-305.-01 | COST ACCOUNTING | 5.0 | LEP | MTWRF | 12:50 PM - 02:00 PM | SS 107 | ADAMSON |
| ACCT-350.-01 | INT ACCOUNTING I | 5.0 | LEP | MTWRF | 08:50 AM - 10:00 AM | SS 104 | O'SHAUGHNESSY F |
| ACCT-351.-01 | INT ACCTG II | 5.0 | LEP | MTWRF | 10:10 AM - 11:20 AM | SS 323 | HEESACKER G |
| ACCT-396.-00 | ID | 1.0- 6.0 | IND | | TO BE ARRANGED | | STAFF |

NOTE: BY PERMISSION
FORMS COMPLETED BEFORE REGISTRATION

| | | | | | | | |
|--------------|-----------------|----------|-----|-------|---------------------|--------|-------|
| ACCT-460.-01 | AUDITING | 5.0 | LEP | MTWRF | 11:30 AM - 12:40 PM | SS 104 | LEWIS |
| ACCT-490.-00 | CONTR FIELD EXP | 1.0-15.0 | PCT | | TO BE ARRANGED | | STAFF |

NOTE: BY PERMISSION
FORMS COMPLETED BEFORE REGISTRATION
COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY

| COURSE ID | COURSE TITLE | CREDIT HOURS | ACTIV-ITY | CLASS DAYS | MEETING TIMES | ROOM | INSTRUCTOR |
|--------------|--|--------------|-----------|------------|---------------------|--------|--------------|
| ACCT-493-.01 | PRACT ACCOUNTING NOTE: BY PERMISSION COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | 3.0 | PCT | | TO BE ARRANGED | | HEESACKER G |
| ACCT-496-.00 | ID NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION | 1.0- 6.0 | IND | | TO BE ARRANGED | | STAFF |
| ACCT-4991-01 | CURR ISS ACCOUNT | 6.0 | LEC | MTWRF | 12:50 PM - 02:00 PM | SS 104 | OSHAUGHNESSY |

BUSINESS ADMINISTRATION

DEPT CHAIR: LESLIE MUELLER • SHAW-SMYSER 306 • 963-3339

SPECIAL OFFERING

| | | | | | | | |
|--------------|--|-----|-----|--|----------------|--|-------------|
| BUS -400-.01 | UNDERSTNDG PRIV ENT SYS NOTE: COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY COURSE START DATE 07/23/90; COURSE END DATE 07/27/90 | 2.0 | LEC | | TO BE ARRANGED | | TURNQUIST W |
|--------------|--|-----|-----|--|----------------|--|-------------|

FIRST SHORT SESSION

| | | | | | | | |
|--------------|---|-----|-----|-------|---------------------|--------|-----------|
| BUS -221-.01 | BUSINESS STATISTICS NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 5.0 | LEC | MTWRF | 10:10 AM - 12:20 PM | SS 227 | GUNN |
| BUS -241-.01 | LEGAL ENVIRON OF BUS NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 5.0 | LEC | MTWRF | 07:30 AM - 09:40 AM | SS 224 | GORRIE D |
| BUS -323-.01 | OPERATIONS MANAGEMENT NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 5.0 | LEC | MTWRF | 07:30 AM - 09:40 AM | SS 231 | NOTT |
| BUS -370-.01 | BUSINESS FINANCE NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 5.0 | LEC | MTWRF | 07:30 AM - 09:40 AM | SS 107 | FAIRBURN |
| BUS -380-.01 | ORGANIZATIONAL MNGMT NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 5.0 | LEC | MTWRF | 10:10 AM - 12:20 PM | SS 225 | GULEZIAN |
| BUS -386-.01 | MGMT INF SYS D&T NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 5.0 | LEC | MTWRF | 12:50 PM - 03:00 PM | SS 323 | KESLING G |
| BUS -475-.01 | INVESTMENTS NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 5.0 | LEC | MTWRF | 10:10 AM - 12:20 PM | SS 108 | SMITH P |
| BUS -498-.01 | SPT:D BASE III NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 1.0 | LEC | T | 10:10 AM - 11:20 AM | SS 114 | KESLING |

SECOND SHORT SESSION

| | | | | | | | |
|--------------|---|-----|-----|-------|---------------------|--------|-----------|
| BUS -323-.02 | OPERATIONS MANAGEMENT NOTE: COURSE START DATE 07/19/90; COURSE END DATE 08/17/90 | 5.0 | LEC | MTWRF | 07:30 AM - 09:40 AM | SS 231 | TURNQUIST |
| BUS -470-.01 | ADV FIN MNGMT/POLICY NOTE: COURSE START DATE 07/19/90; COURSE END DATE 08/17/90 | 5.0 | LEC | MTWRF | 07:30 AM - 09:40 AM | SS 108 | LASIK J |
| BUS -489-.01 | BUSINESS POLICY NOTE: COURSE START DATE 07/19/90; COURSE END DATE 08/17/90 | 5.0 | LEC | MTWRF | 12:50 PM - 03:00 PM | SS 225 | HAUFF A |

FULL SESSION

| | | | | | | | |
|--------------|---|----------|-----|-------|---------------------|--------|----------------|
| BUS -360-.01 | PRINC MARKETING | 5.0 | LEC | MTWRF | 07:30 AM - 08:40 AM | SS 227 | JOHNSON C BOYD |
| BUS -381-.01 | MNGT HUMAN RESOURCES | 5.0 | LEC | MTWRF | 07:30 AM - 08:40 AM | SS 225 | NIMNIGHT |
| BUS -396-.00 | ID NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION | 1.0- 6.0 | IND | | TO BE ARRANGED | | NONE |
| BUS -461-.01 | SELF-MARKETING | 2.0 | LEC | TR | 12:50 PM - 02:00 PM | SS 231 | JOHNSON |
| BUS -462-.01 | MARKET PROMOTION MNGMT | 5.0 | LEC | MTWRF | 10:10 AM - 11:20 AM | SS 224 | JOHNSON |
| BUS -481-.01 | ORGANIZATIONAL BEHAVIOR | 5.0 | LEC | MTWRF | 08:50 AM - 10:00 AM | SS 225 | NIMNIGHT |
| BUS -484-.01 | BUS IN WORLD PERSPECTV NOTE: BY PERMISSION | 5.0 | LEC | | TO BE ARRANGED | | MUELLER L |
| BUS -490-.00 | CONTR FIELD EXP NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION | 1.0-15.0 | PCT | | TO BE ARRANGED | | NONE |
| BUS -496-.00 | ID NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION | 1.0- 6.0 | IND | | TO BE ARRANGED | | NONE |
| BUS -499-.01 | SEM:CONT TOPICS IN MGT | 2.0 | SEM | W | 12:50 PM - 03:00 PM | SS 231 | GULEZIAN |

| COURSE ID | COURSE TITLE | CREDIT HOURS | ACTIV-ITY | CLASS DAYS | MEETING TIMES | ROOM | INSTRUCTOR |
|---|--|--------------|-----------|------------|---------------------|--------|--------------|
| ECONOMICS | | | | | | | |
| DEPT CHAIR: ROBERT CARBAUGH • LANGUAGE LITERATURE 100E • 963-2664 | | | | | | | |
| FIRST SHORT SESSION | | | | | | | |
| ECON-201-.01 | PRIN ECON MICRO NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 5.0 | LEC | MTWRF | 10:10 AM - 12:20 PM | SS 231 | SAUNDERS P |
| ECON-330-.01 | MONEY AND BANKING NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 5.0 | LEC | MTWRF | 07:30 AM - 09:40 AM | LL 243 | CARBAUGH R |
| ECON-452-.01 | MANAGERIAL ECON NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 5.0 | LEC | MTWRF | 10:10 AM - 12:20 PM | LL 236 | HEDRICK D |
| SECOND SHORT SESSION | | | | | | | |
| ECON-202-.01 | PRIN ECON MACRO NOTE: COURSE START DATE 07/19/90; COURSE END DATE 08/17/90 | 5.0 | LEC | MTWRF | 10:10 AM - 12:20 PM | LL 243 | MACK RICHARD |
| ECON-310-.01 | INTERNATNL ECON NOTE: COURSE START DATE 07/19/90; COURSE END DATE 08/17/90 | 5.0 | LEC | MTWRF | 07:30 AM - 09:40 AM | SS 323 | FRANZ W |
| FULL SESSION | | | | | | | |
| ECON-490-.00 | CONTR FIELD EXP NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | 1.0-15.0 | PCT | | TO BE ARRANGED | | STAFF |
| ECON-496-.00 | ID NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION | 1.0- 6.0 | IND | | TO BE ARRANGED | | STAFF |

SCHOOL OF PROFESSIONAL STUDIES

| COURSE ID | COURSE TITLE | CREDIT HOURS | ACTIV-ITY | CLASS DAYS | MEETING TIMES | ROOM | INSTRUCTOR |
|--|--|--------------|-----------|------------|---------------------|--------|-------------|
| ADMINISTRATIVE OFFICE MANAGEMENT | | | | | | | |
| DEPT CHAIR: F ROSS BYRD • SHAW-SMYSER 216 • 963-2611 | | | | | | | |
| FIRST SHORT SESSION | | | | | | | |
| ADOM-202-.01 | CMPT APPL/BUS-APPLE NOTE: COMPUTER USAGE FEE REQUIRED COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 DOUBLE LISTED WITH BSOD 500.01 | 3.0 | LEL | MTWRF | 08:50 AM - 10:00 AM | BL 106 | BYRD |
| ADOM-202-.02 | CMPT APPL/BUS-IBM NOTE: COMPUTER USAGE FEE REQUIRED COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 3.0 | LEL | MTWRF | 11:30 AM - 12:40 PM | HB 203 | KLEMIN |
| ADOM-202-.03 | CMPT APPL/BUS-IBM NOTE: COMPUTER USAGE FEE REQUIRED COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 3.0 | LEL | MTWRF | 12:50 PM - 02:00 PM | HB 203 | BERTELSON |
| ADOM-371-.01 | OFFICE MANAGEMENT NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 5.0 | LEC | MTWRF | 07:30 AM - 09:40 AM | SS 229 | ROBERTS |
| ADOM-385-.01 | BUS COMMUNICATION NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 5.0 | LEC | MTWRF | 10:10 AM - 12:20 PM | SS 229 | BYRD |
| ADOM-389-.01 | MICROCMPT DESKTOP PUBL NOTE: COMPUTER USAGE FEE REQUIRED COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 3.0 | LEL | MTWRF | 07:30 AM - 08:40 AM | HB 204 | GUATNEY |
| ADOM-479-.01 | ADV MICROCOMP APPL NOTE: COMPUTER USAGE FEE REQUIRED COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 3.0 | LEL | MTWRF | 10:10 AM - 11:20 AM | HB 203 | BERTELSON C |
| SECOND SHORT SESSION | | | | | | | |
| ADOM-202-.04 | CMPT APPL/BUS-IBM NOTE: COMPUTER USAGE FEE REQUIRED COURSE START DATE 07/19/90; COURSE END DATE 08/17/90 | 3.0 | LEL | MTWRF | 12:50 PM - 02:00 PM | HB 203 | PERKINS |
| ADOM-385-.02 | BUS COMMUNICATION NOTE: COURSE START DATE 07/19/90; COURSE END DATE 08/17/90 | 5.0 | LEC | MTWRF | 07:30 AM - 09:40 AM | SS 229 | OSBORN D |

| COURSE ID | COURSE TITLE | CREDIT HOURS | ACTIVITY | CLASS DAYS | MEETING TIMES | ROOM | INSTRUCTOR |
|-----------|--------------|--------------|----------|------------|---------------|------|------------|
|-----------|--------------|--------------|----------|------------|---------------|------|------------|

Administrative Office Management (continued)

| | | | | | | | |
|--------------|---|-----|-----|-------|---------------------|--------|---------|
| ADOM-498-.01 | SPT:MS DOS HD DISK MGT NOTE: COMPUTER USAGE FEE REQUIRED COURSE START DATE 07/19/90; COURSE END DATE 08/17/90 | 3.0 | LEC | MTWRF | 10:10 AM - 11:20 AM | HB 203 | PERKINS |
|--------------|---|-----|-----|-------|---------------------|--------|---------|

FULL SESSION

| | | | | | | | |
|--------------|--|----------|-----|--|----------------|--|-------|
| ADOM-490-.00 | CONTR FIELD EXP NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | 1.0-15.0 | PCT | | TO BE ARRANGED | | STAFF |
| ADOM-496-.00 | ID NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION | 1.0- 6.0 | IND | | TO BE ARRANGED | | STAFF |

AEROSPACE STUDIES

DEPT CHAIR: JOHN PRATER • PETERSON HALL 203 • 963-2314

FULL SESSION

| | | | | | | | |
|--------------|--|----------|-----|--|----------------|--|-------|
| AFRO-296-.00 | ID NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION | 1.0- 3.0 | IND | | TO BE ARRANGED | | STAFF |
| AFRO-350-.01 | FOUR WK FLD TRNG | 3.0 | PCT | | TO BE ARRANGED | | STAFF |
| AFRO-351-.01 | SIX WK FLD TRNG | 5.0 | PCT | | TO BE ARRANGED | | STAFF |
| AFRO-496-.00 | ID NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION | 1.0- 3.0 | IND | | TO BE ARRANGED | | STAFF |

BUSINESS EDUCATION & ADMINISTRATIVE MANAGEMENT

DEPT CHAIR: F ROSS BYRD • SHAW-SMYSER 216 • 963-2611

SPECIAL OFFERING

| | | | | | | | |
|--------------|--|-----|-----|------------|--|------------------|-----------|
| BSED-398-.01 | SPT:DESKTOP PUB FOR ED NOTE: COMPUTER USAGE FEE REQUIRED COURSE START DATE 06/18/90; COURSE END DATE 06/22/90 COMPUTER USAGE FEE REQUIRED PLUS ASSIGNED TIME | 2.0 | LEC | MTWRF F | 09:00 AM - 04:30 PM 09:00AM-01:00PM | HB 204 HB 204 | GUATNEY |
| BSED-401-.01 | PRIN/PHIL VOC ED NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/03/90 CROSS LISTED WITH HOEE, IET & M E | 3.0 | LEC | MTWRF | 03:30 PM - 06:00 PM | HT 220 | WIEKING R |
| BSED-525-.01 | BUS & MKT ED ISSUES NOTE: COURSE START DATE 07/23/90; COURSE END DATE 08/03/90 | 3.0 | LEC | MTWRF | 02:10 PM - 05:30 PM | SS 229 | ROBERTS |
| BSED-598-.01 | SPT:TEACHING ENTREPRENEU NOTE: COURSE START DATE 07/16/90; COURSE END DATE 07/20/90 DOUBLE LISTED WITH M E 598.01 | 2.0 | LEC | MTWRF F | 08:00 AM - 04:00 PM 08:00AM-12:00PM | MC 117 MC 117 | WILSON |

FIRST SHORT SESSION

| | | | | | | | |
|--------------|--|-----|-----|-------|---------------------|--------|--------|
| BSED-500-.01 | APPLEWORKS/EDUCATORS NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 DOUBLE LISTED WITH ADOM 202.01 | 3.0 | LEC | MTWRF | 08:50 AM - 10:00 AM | BL 106 | BYRD |
| BSED-595-.01 | RESEARCH NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 3.0 | IND | MTWRF | 08:50 AM - 10:00 AM | SS 106 | KLEMIN |

FULL SESSION

| | | | | | | | |
|--------------|--|----------|-----|--|----------------|--|-------|
| BSED-490-.00 | CONTR FIELD EXP NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | 1.0-15.0 | PCT | | TO BE ARRANGED | | STAFF |
|--------------|--|----------|-----|--|----------------|--|-------|

| COURSE ID | COURSE TITLE | CREDIT HOURS | ACTIVITY | CLASS DAYS | MEETING TIMES | ROOM | INSTRUCTOR |
|---|---|--------------|----------|------------|----------------|------|------------|
| Business Education & Administrative Management (continued) | | | | | | | |
| BSED-496-.00 | ID NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION | 1.0- 6.0 | IND | | TO BE ARRANGED | | STAFF |
| BSED-596-.00 | ID NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION | 1.0- 6.0 | IND | | TO BE ARRANGED | | STAFF |
| BSED-700-.00 | THESIS/PROJ STUDY/EXAM NOTE: COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | 1.0- 6.0 | IND | | TO BE ARRANGED | | STAFF |

EARLY CHILDHOOD EDUCATION

DEPT CHAIR: DALE LE FEVRE • BLACK HALL 2ND FLOOR 35 • 863-3412

FIRST SHORT SESSION

| | | | | | | | |
|--------------|---|-----|-----|-------|---------------------|--------|-----------|
| ECE -318-.01 | CULTURE AND CURR NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 3.0 | LEC | MTWRF | 12:50 PM - 02:00 PM | BL 109 | OTTO D |
| ECE -334-.01 | CURR:KNDGTN-PRIM NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 3.0 | LEC | MTWRF | 11:30 AM - 12:40 PM | BL 110 | WALLACE R |
| ECE -448-.01 | PARENT INVOLVMENT NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 DOUBLE LISTED WITH EDUCATION | 3.0 | LEC | MTWRF | 08:50 AM - 10:00 AM | BL 209 | STAFF |

FULL SESSION

| | | | | | | | |
|--------------|-------------------|-----|-----|------|---------------------|--------|-----|
| ECE -302-.01 | PRE-SCHOOL/HANDCP | 4.0 | LEC | MTWR | 02:10 PM - 03:20 PM | BL 110 | FOX |
|--------------|-------------------|-----|-----|------|---------------------|--------|-----|



$$36 = \blacksquare + \blacktriangle - \bullet$$

| COURSE ID | COURSE TITLE | CREDIT HOURS | ACTIVITY | CLASS DAYS | MEETING TIMES | ROOM | INSTRUCTOR |
|--|--|--------------|----------|------------|--|------------------|---------------|
| EDUCATION | | | | | | | |
| DEPT CHAIR: DALE LE FEVRE • BLACK HALL 2ND FLOOR 35 • 963-3412 | | | | | | | |
| SIX WEEK SESSION | | | | | | | |
| ED -424-.01 | RDG:CONTENT FLD NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | 3.0 | LEC | MTWR | 08:50 AM - 10:00 AM | BL 109 | WALLACE R |
| ED -501-.01 | ED FOUNDATIONS NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | 3.0 | LEC | MTWR | 12:50 PM - 02:00 PM | BL 208 | YOUNG T |
| ED -502-.01 | HIST OF EDUCATION NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | 3.0 | LEC | MTWR | 11:30 AM - 12:40 PM | BL 209 | CHAN-NUI E |
| ED -502-.02 | HIST OF EDUCATION NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | 3.0 | LEC | MTWR | 12:50 PM - 02:00 PM | BL 209 | CHAN-NUI E |
| ED -503-.01 | PHIL OF EDUCATION NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 DOUBLE LISTED WITH PHILOSOPHY | 3.0 | LEC | MTWR | 11:30 AM - 12:40 PM | LL 213 | BURKHOLDER P |
| ED -504-.01 | ADV EDUC STAT NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | 4.0 | LEC | MWR T | 12:50 PM - 02:00 PM 12:50 PM - 03:20 PM | BL 210 BL 210 | BASLER D |
| ED -508-.01 | COMPARATIVE ED NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | 3.0 | LEC | MTWR | 11:30 AM - 12:40 PM | BL 109 | YOUNG T |
| ED -510-.01 | ED RSRCH-DEVLPMT NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | 3.0 | LEC | MTWR | 10:10 AM - 11:20 AM | BL 208 | BASLER D |
| ED -510-.02 | ED RSRCH-DEVLPMT NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | 3.0 | LEC | MTWR | 08:50 AM - 10:00 AM | BU 127 | SHORR D |
| ED -510-.03 | ED RSRCH-DEVLPMT NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | 3.0 | LEC | MTWR | 11:30 AM - 12:40 PM | BL 208 | STAFF |
| ED -521-.01 | RDG IN ELEM SCH NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | 4.0 | LEC | MWR T | 12:50 PM - 02:00 PM 12:50 PM - 03:20 PM | BL 107 BL 107 | GREATSINGER C |
| ED -523-.01 | SURV RSCH READING NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | 3.0 | LEC | MTWR | 11:30 AM - 12:40 PM | BL 210 | SCHOMER |
| ED -525-.01 | PSYCH OF READING NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 DOUBLE LISTED WITH PSYCHOLOGY | 3.0 | LEC | MTWR | 10:10 AM - 11:20 AM | BL 209 | WALLACE R |
| ED -526-.01 | DIAG OF RDG DIFFICULTIES NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | 3.0 | LEC | MTWR | 07:30 AM - 08:40 AM | BL 206 | SCHOMER J |
| ED -527-.01 | WHOLE LANG APPR TCH RDG NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | 3.0 | LEC | MTWR | 08:50 AM - 10:00 AM | BL 206 | GREATSINGER |
| ED -528-.01 | REMED RDG DIFFICULTIES NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | 3.0 | LEC | MTWR | 08:50 AM - 10:00 AM | BU 117 | SCHOMER J |
| ED -542-.01 | INDIVIDUALZ INSTR NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | 3.0 | LEC | MTWR | 12:50 PM - 02:00 PM | BL 105 | GROSSMAN G |
| ED -561-.01 | SCHOOL SUPERV NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | 3.0 | LEC | MTWR | 02:10 PM - 03:20 PM | BL 209 | STAFF |
| ED -562-.01 | ELEM SCHOOL CURR NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | 3.0 | LEC | MTWR | 11:30 AM - 12:40 PM | BL 107 | WALD |
| ED -564-.01 | SEC SCHOOL CURR NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | 5.0 | LEC | MTWR | 12:50 PM - 03:20 PM | BL 102 | MC PHERSON J |
| ED -580-.01 | EDUCATIONAL ADMIN NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | 5.0 | LEC | MTWR | 10:10 AM - 12:40 PM | BL 101 | POTTER CONRAD |
| ED -581-.01 | PUB SCH FIN:INTR NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | 3.0 | LEC | MTWR | 08:50 AM - 10:00 AM | BU 107 | STAFF |
| ED -583-.01 | SCHOOL AND COMM NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | 3.0 | LEC | W | 03:30 PM - 08:00 PM | BL 108 | SHOPBELL J |
| ED -583-.02 | SCHOOL AND COMM NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | 3.0 | LEC | W | 03:30 PM - 08:00 PM | BL 109 | CLEMMONS H |
| ED -586-.01 | THE PRINCIPALSHIP NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | 5.0 | LEC | MTWR | 07:30 AM - 10:00 AM | BL 208 | WALD L |
| ED -5921-01 | PRACT:DIAG/REM RDG DIFF NOTE: COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | 3.0 | PCT | MTWR | 10:10 AM - 11:20 AM | BL 102 | JURENKA |
| ED -594-.02 | SCHOOL LAW NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | 3.0 | LEC | MTWR | 07:30 AM - 08:40 AM | BL 109 | MC PHERSON J |
| ED -598-.01 | SPT:VALUES IN ED NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | 3.0 | LEC | MTWR | 08:50 AM - 10:00 AM | LL 213 | GOEDECKE R |
| ED -599-.01 | SEM:PERSPECT ON ED LEAD NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | 3.0 | SEM | M M | 12:50 PM - 02:00 PM 05:00PM-09:00PM | BL 206 BL 206 | POTTER |

| COURSE ID | COURSE TITLE | CREDIT HOURS | ACTIVITY | CLASS DAYS | MEETING TIMES | ROOM | INSTRUCTOR |
|-----------------------|--|--------------|----------|------------|--|------------------|------------|
| Education (continued) | | | | | | | |
| SPECIAL OFFERING | | | | | | | |
| ED -487-.01 | GROUP PROC-LDRSHP | 3.0 | LEP | SU F | 08:00 AM - 05:00 PM 01:00 PM - 04:00 PM | PS 217 PS 217 | EUBANKS J |
| | NOTE: COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY COURSE START DATE 06/22/90; COURSE END DATE 07/01/90 DOUBLE LISTED WITH PSYCHOLOGY MEETS: 6/22, 29, FROM 1:00 PM TO 4:00 PM AND 6/23,24,30, 7/1 FROM 8:00 AM TO 5:00 PM | | | | | | |
| ED -560-.01 | TCHR EVALUATION | 3.0 | LEC | MTW RF | 02:30 PM - 06:30 PM 07:30 AM - 04:30 PM | BL 103 | DE SHAW B |
| | NOTE: COURSE START DATE 07/09/89; COURSE END DATE 07/28/90 | | | | | | |
| FIRST SHORT SESSION | | | | | | | |
| ED -100-.02 | IMP BASIC RDG SKL | 1.0 | LAB | MTWR | 11:30 AM - 12:40 PM | LL 103 | STAFF |
| | NOTE: CREDIT WILL NOT BE ALLOWED FOR DEGREE REQUIREMENT COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 SATISFACTORY/UNSATISFACTORY ONLY | | | | | | |
| ED -301-.01 | TCH:ORIENTATION | 3.0 | LEC | MTWRF | 08:50 AM - 10:00 AM | BL 101 | MARTIN T |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | | | | | | |
| ED -301-.02 | TCH:ORIENTATION | 3.0 | LEC | MTWRF | 08:50 AM - 10:00 AM | BL 102 | YOUNG T |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | | | | | | |
| ED -316-.01 | UTILIZ OF MEDIA | 3.0 | LEC | MTWRF | 07:30 AM - 08:40 AM | BL 105 | GROSSMAN G |
| | NOTE: BY PERMISSION COMPUTER USAGE FEE REQUIRED COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | | | | | | |
| ED -316-.02 | UTILIZ OF MEDIA | 3.0 | LEC | MTWRF | 08:50 AM - 10:00 AM | BL 105 | GROSSMAN G |
| | NOTE: BY PERMISSION COMPUTER USAGE FEE REQUIRED COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | | | | | | |
| ED -410-.01 | TCH WRD RECOG SKL | 3.0 | LEC | MTWRF | 03:30 PM - 04:40 PM | BL 206 | STAFF |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | | | | | | |
| ED -421-.01 | TCH CHILD LIT | 3.0 | LEC | MTWRF | 11:30 AM - 12:40 PM | BL 103 | MARTIN T |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | | | | | | |
| ED -444-.01 | ED ISSUES & LAW | 2.0 | LEC | MTWR | 12:50 PM - 02:00 PM | BL 108 | ALAWIYE |
| | NOTE: BY PERMISSION COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | | | | | | |
| ED -448-.01 | PARENT INVOLVMENT | 3.0 | LEC | MTWRF | 08:50 AM - 10:00 AM | BL 209 | STAFF |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 DOUBLE LISTED WITH ECE | | | | | | |
| SECOND SHORT SESSION | | | | | | | |
| ED -100-.03 | IMP BASIC RDG SKL | 1.0 | LAB | MTWR | 11:30 AM - 12:40 PM | LL 103 | STAFF |
| | NOTE: CREDIT WILL NOT BE ALLOWED FOR DEGREE REQUIREMENT COURSE START DATE 07/19/90; COURSE END DATE 08/17/90 SATISFACTORY/UNSATISFACTORY ONLY | | | | | | |
| ED -316-.03 | UTILIZ OF MEDIA | 3.0 | LEC | MTWRF | 08:50 AM - 10:00 AM | BL 105 | GROSSMAN G |
| | NOTE: BY PERMISSION COMPUTER USAGE FEE REQUIRED COURSE START DATE 07/19/90; COURSE END DATE 08/17/90 | | | | | | |
| ED -411-.01 | TCH COMPREHENSION | 3.0 | LEC | MTWRF | 03:30 PM - 04:40 PM | BL 207 | STAFF |
| | NOTE: COURSE START DATE 07/19/90; COURSE END DATE 08/17/90 | | | | | | |
| ED -444-.02 | ED ISSUES & LAW | 2.0 | LEC | MTWR | 12:50 PM - 02:00 PM | BL 207 | ALAWIYE |
| | NOTE: BY PERMISSION COURSE START DATE 07/19/90; COURSE END DATE 08/17/90 | | | | | | |
| ED -444-.03 | ED ISSUES & LAW | 2.0 | LEC | MTWR | 02:10 PM - 03:20 PM | BL 108 | ALAWIYE |
| | NOTE: BY PERMISSION COURSE START DATE 07/19/90; COURSE END DATE 08/17/90 | | | | | | |
| FULL SESSION | | | | | | | |
| ED -100-.01 | IMP BASIC RDG SKL | 2.0 | LAB | MTWR | 11:30 AM - 12:40 PM | LL 103 | STAFF |
| | NOTE: CREDIT WILL NOT BE ALLOWED FOR DEGREE REQUIREMENT SATISFACTORY/UNSATISFACTORY ONLY | | | | | | |
| ED -308-.01 | READING I | 3.0 | LEC | MWF | 07:30 AM - 08:40 AM | BL 107 | STAFF |
| ED -309-.01 | READING II | 5.0 | LEC | MTWRF | 08:50 AM - 10:00 AM | BL 108 | JURENKA |

| COURSE ID | COURSE TITLE | CREDIT HOURS | ACTIVITY | CLASS DAYS | MEETING TIMES | ROOM | INSTRUCTOR |
|------------------------------|---|--------------|----------|------------|---------------------|--------|------------|
| Education (continued) | | | | | | | |
| ED -311-.01 | TCH:CURR METH/MAT NOTE: BY PERMISSION | 5.0 | LEC | MTWRF | 08:50 AM - 10:00 AM | BL 103 | DE SHAW B |
| ED -311-.02 | TCH:CURR METH/MAT NOTE: BY PERMISSION | 5.0 | LEC | MTWRF | 10:10 AM - 11:20 AM | BL 103 | DESHAW |
| ED -323-.01 | TCH ELEM SC MATH | 3.0 | LEC | MWF | 08:50 AM - 10:00 AM | BL 107 | BASLER D |
| ED -420-.01 | TCH LANGUAGE ARTS | 4.0 | LEC | MTWRF | 12:50 PM - 02:00 PM | BL 110 | STAFF |
| ED -421-.02 | TCH CHILD LIT | 3.0 | LEC | MWF | 07:30 AM - 08:40 AM | BL 108 | JURENKA |
| ED -424-.02 | RDG:CONTENT FLD | 3.0 | LEC | MWF | 02:10 PM - 03:20 PM | BL 107 | WALLACE R |
| ED -496-.00 | ID NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION | 1.0- 6.0 | IND | | TO BE ARRANGED | | STAFF |
| ED -510-.04 | ED RSRCH-DEVLPMT | 3.0 | LEC | MW | 04:50 PM - 07:30 PM | BL 210 | SHORR, D |
| ED -596-.00 | ID NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION | 1.0- 6.0 | IND | | TO BE ARRANGED | | STAFF |
| ED -597-.00 | GRADUATE RESEARCH | 1.0-10.0 | IND | | TO BE ARRANGED | | STAFF |
| ED -700-.00 | THESIS/PROJ STUDY/EXAM NOTE: COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | 1.0- 6.0 | IND | | TO BE ARRANGED | | STAFF |

ELECTRONIC TECHNOLOGY

DEPT CHAIR: ROBERT ENVICK • HOGUE TECHNOLOGY 107 • 963-1756

FULL SESSION

| | | | | | | | |
|--------------|------------------|-----|-----|--|----------------|--|--------------|
| ELT -478-.01 | SR PROJ PHASE I | 2.0 | IND | | TO BE ARRANGED | | YOXTHEIMER T |
| ELT -479-.01 | SR PROJ PHASE II | 2.0 | IND | | TO BE ARRANGED | | YOXTHEIMER T |

FLIGHT TECHNOLOGY

DEPT CHAIR: ROBERT ENVICK • HOGUE TECHNOLOGY 107 • 963-1756

FULL SESSION

| | | | | | | | |
|--------------|---|----------|-----|--|----------------|--|-------|
| FL T-490-.00 | CONTRACTED FIELD EXP NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | 1.0-15.0 | PCT | | TO BE ARRANGED | | STAFF |
| FL T-496-.00 | ID NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION | 1.0- 6.0 | IND | | TO BE ARRANGED | | STAFF |

HEALTH EDUCATION

DEPT CHAIR: SHARON E SCHWINDT • KENNEDY 160 • 963-2481

FIRST SHORT SESSION

| | | | | | | | |
|--------------|---|-----|-----|-------|---------------------|--------|----------|
| H ED-446-.01 | HED CURR ELEM TCH NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 3.0 | LEC | MTWRF | 08:50 AM - 10:00 AM | PE 208 | STAFF |
| H ED-446-.02 | HED CURR ELEM TCH NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 3.0 | LEC | MTWRF | 11:30 AM - 12:40 PM | PE 208 | BRIGGS K |
| H ED-498-.01 | SPT:DRUGS ISS/ED/SPORTS NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 3.0 | LEC | MTWRF | 08:50 AM - 10:00 AM | PE 205 | BRIGGS |

FULL SESSION

| | | | | | | | |
|--------------|--|----------|-----|--|----------------|--|-------|
| H ED-442-.00 | FLD WK/EXP H ED | 1.0- 5.0 | PCT | | TO BE ARRANGED | | STAFF |
| H ED-490-.00 | CONTR FIELD EXP NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | 1.0-15.0 | PCT | | TO BE ARRANGED | | STAFF |
| H ED-496-.00 | ID NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION | 1.0- 6.0 | IND | | TO BE ARRANGED | | STAFF |

| COURSE ID | COURSE TITLE | CREDIT HOURS | ACTIVITY | CLASS DAYS | MEETING TIMES | ROOM | INSTRUCTOR |
|-------------------------------------|--|--------------|----------|------------|----------------|------|------------|
| Health Education (continued) | | | | | | | |
| H ED-596-00 | ID | 1.0- 6.0 | IND | | TO BE ARRANGED | | STAFF |
| | NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION | | | | | | |

HEALTH, PHYSICAL EDUCATION, RECREATION

DEPT CHAIR: JOHN GREGOR • NICHOLSON PAVILION 100 • 963-1911

FIRST SHORT SESSION

NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90

FULL SESSION

| | | | | | |
|---|------------------------|----------|-----|----------------|-------|
| HPER-700-00 | THESIS/PROJ STUDY/EXAM | 1.0- 6.0 | IND | TO BE ARRANGED | STAFF |
| NOTE: COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | | | | | |

HOME ECONOMICS

DEPT CHAIR: DAVID GEE • MICHAELSEN HALL 100 • 963-2766

SPECIAL OFFERING

| | | | | | | | |
|--|------------------------|-----|-----|-------|---------------------|--------|-----------|
| HOEC-598-01 | SPT:CONSUMER ECONOMICS | 3.0 | LEC | MTWRF | 06:00 PM - 09:00 PM | MI 224 | STEVENSON |
| NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/02/90 | | | | | | | |

FULL SESSION

| | | | | | |
|-------------|--|----------|-----|----------------|-------|
| HOEC-490-00 | CONTR FIELD EXP | 1.0-15.0 | PCT | TO BE ARRANGED | STAFF |
| | NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION | | | | |
| HOEC-496-00 | ID | 1.0- 6.0 | IND | TO BE ARRANGED | STAFF |
| | NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION | | | | |
| HOEC-596-00 | ID | 1.0- 6.0 | IND | TO BE ARRANGED | STAFF |
| | NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION | | | | |
| HOEC-700-00 | THESIS/PROJ STUDY/EXAM | 1.0- 6.0 | IND | TO BE ARRANGED | STAFF |
| | NOTE: COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | | | | |

HOME ECONOMICS, EDUCATION

DEPT CHAIR: DAVID GEE • MICHAELSEN HALL 100 • 963-2766

SPECIAL OFFERING

| | | | | | | | |
|-------------|--|-----|-----|-------|---------------------|--------|-----------|
| HOEE-401-01 | PRIN/PHIL VOC ED | 3.0 | LEC | MTWRF | 03:30 PM - 06:00 PM | HT 220 | WIEKING R |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/03/90 | | | | | | |
| | CROSS LISTED WITH BSED, IET & M E | | | | | | |
| HOEE-421-01 | METH ADULT ED HEC | 3.0 | LEP | MTWRF | 06:00 PM - 09:00 PM | MI 223 | POWELL |
| | NOTE: COURSE START DATE 07/05/90; COURSE END DATE 07/18/90 | | | | | | |

HOME ECONOMICS, FAMILY STUDIES

DEPT CHAIR: DAVID GEE • MICHAELSEN HALL 100 • 963-2766

SECOND SHORT SESSION

| | | | | | | | |
|--|--------------------|-----|-----|-------|---------------------|--------|----------|
| HOFS-235-01 | COURTSHIP/MARRIAGE | 3.0 | LEC | MTWRF | 11:30 AM - 12:40 PM | PS 263 | RICHARDS |
| NOTE: COURSE START DATE 07/19/90; COURSE END DATE 08/17/90 | | | | | | | |
| DOUBLE LISTED WITH PSYCHOLOGY | | | | | | | |

| | | | | | | | |
|--|-----------------------|-----|-----|-------|---------------------|--------|-------------|
| LE S-498-01 | SPT:PLAN/IMP OUTDR ED | 3.0 | LEC | MTWRF | 11:30 AM - 12:40 PM | PE 114 | CLONINGER K |
| NOTE: ADDITIONAL FEES REQUIRED | | | | | | | |
| COURSE START DATE 07/19/90; COURSE END DATE 08/12/90 | | | | | | | |
| FIELD TRIP REQUIRED | | | | | | | |

| COURSE ID | COURSE TITLE | CREDIT HOURS | ACTIVITY | CLASS DAYS | MEETING TIMES | ROOM | INSTRUCTOR |
|-----------|--------------|--------------|----------|------------|---------------|------|------------|
|-----------|--------------|--------------|----------|------------|---------------|------|------------|

Leisure Services (continued)

AUGUST 10,11,12, AT CISPUS
JULY 19 - AUGUST 12, 1990
INSURANCE FEE REQUIRED

FULL SESSION

| | | | | | |
|-------------|-------------------------------------|----------|-----|----------------|-------|
| LE S-490-00 | CONTR FIELD EXP | 1.0-15.0 | PCT | TO BE ARRANGED | STAFF |
| | NOTE: BY PERMISSION | | | | |
| | FORMS COMPLETED BEFORE REGISTRATION | | | | |
| LE S-496-00 | ID | 1.0- 6.0 | IND | TO BE ARRANGED | STAFF |
| | NOTE: BY PERMISSION | | | | |
| | FORMS COMPLETED BEFORE REGISTRATION | | | | |
| LE S-596-00 | ID | 1.0- 6.0 | IND | TO BE ARRANGED | STAFF |
| | NOTE: BY PERMISSION | | | | |
| | FORMS COMPLETED BEFORE REGISTRATION | | | | |

MARKETING EDUCATION

DEPT CHAIR: F ROSS BYRD • SHAW-SMYSER 216 • 963-2611

SPECIAL OFFERING

| | | | | | | | |
|--------------|--|-----|-----|-----------|--|------------------|-----------|
| M E -401-.01 | PRIN/PHIL VOC ED | 3.0 | LEC | MTWRF | 03:30 PM - 06:00 PM | HT 220 | WIEKING R |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/03/90 CROSS LISTED WITH BSED, HOEE & IET | | | | | | |
| M E -598-.01 | SPT:TEACHING ENTREPRENEU | 2.0 | LEC | MTWR F | 08:00 AM - 04:00 PM 08:00AM-12:00PM | MC 117 MC 117 | WILSON |
| | NOTE: COURSE START DATE 07/16/90; COURSE END DATE 07/20/90 DOUBLE LISTED WITH BSED598.01 | | | | | | |

FULL SESSION

| | | | | | |
|-------------|---|----------|-----|----------------|-------|
| M E -490.00 | CONTR FIELD EXP | 1.0-15.0 | PCT | TO BE ARRANGED | STAFF |
| | NOTE: BY PERMISSION | | | | |
| | FORMS COMPLETED BEFORE REGISTRATION | | | | |
| | COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | | | | |
| M E -496.00 | ID | 1.0- 6.0 | IND | TO BE ARRANGED | STAFF |
| | NOTE: BY PERMISSION | | | | |
| | FORMS COMPLETED BEFORE REGISTRATION | | | | |

MILITARY SCIENCE

DEPT CHAIR: RONALD E WATTS • PETERSON HALL 202 • 963-3518

FULL SESSION

| | | | | | |
|-------------|---|----------|-----|----------------|-------|
| ML S-292-01 | BASIC CAMP | 8.0 | PCT | TO BE ARRANGED | STAFF |
| ML S-296-00 | ID | 1.0- 6.0 | IND | TO BE ARRANGED | STAFF |
| | NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION | | | | |
| ML S-490-00 | MLS/TACTICS 3 ADV | 8.0-15.0 | PCT | TO BE ARRANGED | STAFF |
| | NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | | | | |

PHYSICAL EDUCATION

DEPT CHAIR: JOHN GREGOR • NICHOLSON PAVILION 100 • 963-1911

FIRST SHORT SESSION

| | | | | | | | |
|-------------|--|-----|-----|-------|---------------------|--------|----------|
| P E -245-01 | FIRST AID | 3.0 | LEL | MTWRF | 08:50 AM - 10:00 AM | MI 106 | PURSER D |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | | | | | | |
| P E -250-01 | ANATOMY I | 3.0 | LEC | MTWRF | 10:10 AM - 11:20 AM | PE 207 | GREGOR J |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | | | | | | |

| COURSE ID | COURSE TITLE | CREDIT HOURS | ACTIVITY | CLASS DAYS | MEETING TIMES | ROOM | INSTRUCTOR |
|---------------------------------------|--|--------------|----------|------------|--|------------------|-------------|
| Physical Education (continued) | | | | | | | |
| P E -323.-01 | BASKETBALL COACH NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 3.0 | LEC | MTWRF | 11:30 AM - 12:40 PM | PE 201 | NICHOLSON D |
| P E -334.-01 | PE ACT-ELEM SCH NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 3.0 | LEC | MTWRF | 11:30 AM - 12:40 PM | NP 109 | PEARSON J |
| P E -334.-02 | PE ACT-ELEM SCH NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 3.0 | LEC | MTWRF | 12:50 PM - 02:00 PM | NP 109 | GABLE |
| P E -442.-01 | FIELD WORK IN P E NOTE: COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 1.0 | PCT | | TO BE ARRANGED | | STAFF |
| P E -450.-01 | PHYSIOLOGY OF EX NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 3.0 | LEC | MTWRF | 11:30 AM - 12:40 PM | NP 202 | NETHERY |
| P E -455.-01 | FITNESS ASSMT/EX NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 4.0 | LEC | MTWRF | 12:50 PM - 02:30 PM | PE 202 | BOYUNGS J |
| P E -498.-01 | SPT:DATA BASE MGT PE/ATH NOTE: COMPUTER USAGE FEE REQUIRED COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 3.0 | LEC | MTWRF | 02:10 PM - 03:20 PM | SS 221 | ARLT W |
| P E -525.-01 | ADV BASEBL COACH NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 3.0 | LEC | MTWRF | 10:10 AM - 11:20 AM | PE 205 | WILSON K |
| P E -541.-01 | SPORT AND CULTURE NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 3.0 | LEC | MTWRF | 12:50 PM - 02:00 PM | PE 114 | NYLANDER |
| P E -598.-01 | SPT:LIAB/RISK MGT NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 3.0 | LEC | MTWRF | 11:30 AM - 12:40 PM | PE 114 | VANCE |
| P E -598.-02 | SPT:RESEARCH DESIGN/CRIT NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 3.0 | LEC | MTWRF | 07:30 AM - 08:40 AM | PE 138 | PUTNAM |
| P E -598.-03 | SPT:APP/ANAL OF TEACH PE NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 3.0 | LEC | MW MW | 03:30 PM - 05:00 PM 06:00 PM - 07:30 PM | PE 201 PE 201 | JEFFRIES |
| SECOND SHORT SESSION | | | | | | | |
| P E -245.-03 | FIRST AID NOTE: COURSE START DATE 07/19/90; COURSE END DATE 08/17/90 | 3.0 | LEL | MTWRF | 08:50 AM - 10:00 AM | MI 106 | PURSER D |
| FULL SESSION | | | | | | | |
| P E -490.-00 | CONTR FIELD EXP NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | 1.0-15.0 | PCT | | TO BE ARRANGED | | STAFF |
| P E -4951-01 | PR FITNS:CNT/CLBS NOTE: BY PERMISSION COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | 2.0 | PCT | | TO BE ARRANGED | | BOYUNGS J |
| P E -4952-01 | PR FITNS:CARD REH NOTE: BY PERMISSION COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | 2.0 | PCT | | TO BE ARRANGED | | BOYUNGS J |
| P E -4953-01 | PR FITNS:GERIATR NOTE: BY PERMISSION COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | 2.0 | PCT | | TO BE ARRANGED | | BOYUNGS J |
| P E -496.-00 | ID NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION | 1.0- 3.0 | IND | | TO BE ARRANGED | | STAFF |
| P E -596.-00 | ID NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION | 1.0- 6.0 | IND | | TO BE ARRANGED | | STAFF |

PHYSICAL EDUCATION, AQUATICS

DEPT CHAIR: JOHN GREGOR • NICHOLSON PAVILION 100 • 963-1911

FIRST SHORT SESSION

| | | | | | | | |
|--------------|--|-----|-----|------|---------------------|--------|-------------|
| PEAQ-111.-01 | BEGINNING SWIM NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | 1.0 | LAB | MTWR | 11:30 AM - 12:40 PM | NP 106 | JEFFERIES S |
|--------------|--|-----|-----|------|---------------------|--------|-------------|

| COURSE ID | COURSE TITLE | CREDIT HOURS | ACTIV-ITY | CLASS DAYS | MEETING TIMES | ROOM | INSTRUCTOR |
|-----------|--------------|--------------|-----------|------------|---------------|------|------------|
|-----------|--------------|--------------|-----------|------------|---------------|------|------------|

PHYSICAL EDUCATION, FITNESS ACTIVITIES

DEPT CHAIR: JOHN GREGOR • NICHOLSON PAVILION 100 • 963-1911

FIRST SHORT SESSION

| | | | | | | | |
|--------------|--|-----|-----|------|---------------------|--------|------------|
| PEF -113-.01 | WEIGHT TRAINING | 1.0 | LAB | MTWR | 07:30 AM - 08:40 AM | NP 109 | ARLT W |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | | | | | | |
| PEF -116-.01 | AQUACISES | 1.0 | LAB | MTWR | 12:50 PM - 02:00 PM | NP 106 | ROMINGER J |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | | | | | | |
| PEF -116-.02 | AQUACISES | 1.0 | LAB | MTWR | 02:10 PM - 03:20 PM | NP 106 | ROMINGER J |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | | | | | | |
| PEF -121-.01 | AEROBIC CONDITION | 1.0 | LAB | MTWR | 07:30 AM - 08:40 AM | NP 203 | ROGERS D |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | | | | | | |
| PEF -121-.02 | AEROBIC CONDITION | 1.0 | LAB | MTWR | 04:50 PM - 06:00 PM | NP 203 | ROGERS D |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | | | | | | |

PHYSICAL EDUCATION, INDIVIDUAL AND DUAL

DEPT CHAIR: JOHN GREGOR • NICHOLSON PAVILION 100 • 963-1911

FIRST SHORT SESSION

| | | | | | | | |
|-------------|--|-----|-----|------|---------------------|--------|-----------|
| PEID-115-01 | BEGINNING GOLF | 1.0 | LAB | MTWR | 11:30 AM - 12:40 PM | NP 202 | PUTNAM J |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | | | | | | |
| PEID-116-01 | INTERMEDIATE GOLF | 1.0 | LAB | MTWR | 10:10 AM - 11:20 AM | NP 202 | PUTNAM J |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | | | | | | |
| PEID-123-01 | BEGINNING TENNIS | 1.0 | LAB | MTWR | 08:50 AM - 10:00 AM | NP 109 | STAFF |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | | | | | | |
| PEID-124-02 | INTERM TENNIS | 1.0 | LAB | MTWR | 10:10 AM - 11:20 AM | NP 109 | KILLORN E |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | | | | | | |

SAFETY EDUCATION

DEPT CHAIR: DALE LE FEVRE • BLACK HALL 212 • 963-3218

SIX WEEK SESSION

| | | | | | | | |
|-------------|--|-----|-----|------|---------------------|--------|---------|
| S ED-382-01 | DRIVER TASK ANALY | 3.0 | LEL | MTWR | 08:50 AM - 10:00 AM | BL 211 | HALES R |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | | | | | | |
| S ED-481-01 | TCH TR SED:CLS&SM | 3.0 | LEL | MTWR | 12:50 PM - 02:00 PM | BL 211 | HALES R |
| | | | | MR | 10:15 AM - 12:15 PM | BL 211 | |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | | | | | | |
| S ED-482-01 | TCH TR S ED:CAR | 3.0 | LEL | MTWR | 02:10 PM - 03:20 PM | BL 211 | HALES R |
| | | | | MR | 10:15 AM - 12:15 PM | BL 211 | |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | | | | | | |

SPECIAL OFFERING

| | | | | | | | |
|--|-------------------|-----|-----|---|---------------------|--------|---------|
| S ED-180-01 | PRIN ACC PREVENTN | 3.0 | LEC | R | 04:00 PM - 07:00 PM | BL 211 | HALES R |
| | | | | F | 01:00 PM - 04:00 PM | BL 211 | |
| NOTE: COURSE START DATE 06/21/90; COURSE END DATE 08/10/90 R-6/21, 7/12,19,26, 4-7:00 P.M. F-7/13,27,8/10. 9 AM-12 PM & 1-4 PM | | | | | | | |

FULL SESSION

NOTE: BY PERMISSION
FORMS COMPLETED BEFORE REGISTRATION

$$44 = \blacksquare + \blacktriangle - \bullet$$

SPECIAL EDUCATION

DEPT CHAIR: DALE LE FEVRE • BLACK HALL 2ND FLOOR 35 • 963-3412

SIX WEEK SESSION

| | | | | | | | |
|--------------|--|-----|-----|------|---------------------|--------|------------|
| SPED-512-.01 | ED RIGHTS OF HNDC | 3.0 | LEC | MTWR | 07:30 AM - 08:40 AM | BL 210 | RUST S |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | | | | | | |
| SPED-513-.01 | INT MNTL RETARDAT | 3.0 | LEC | MTWR | 08:50 AM - 10:00 AM | BL 207 | MADSEN G |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | | | | | | |
| SPED-520-.01 | INT TO LRNG DISAB | 3.0 | LEC | MTWR | 10:10 AM - 11:20 AM | BU 116 | LA ROQUE T |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | | | | | | |
| SPED-521-.01 | DG TNQ MLD/MOD HN | 3.0 | LEC | MTWR | 12:50 PM - 02:00 PM | BL 103 | PRICE |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | | | | | | |
| SPED-522-.01 | REM LRN DIS MLD/M | 3.0 | LEC | MTWR | 11:30 AM - 12:40 PM | BL 206 | DOUGLAS L |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | | | | | | |
| SPED-523-.01 | CURR MLD/MOD HNDC | 3.0 | LEC | MTWR | 10:10 AM - 11:20 AM | BL 108 | JAMES |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | | | | | | |
| SPED-533-.01 | ED DISADV STDNT | 3.0 | LEC | MTWR | 07:30 AM - 08:40 AM | BL 209 | JAMES F |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | | | | | | |
| SPED-567-.01 | INTRO BEH DIS HND | 3.0 | LEC | MTWR | 02:10 PM - 03:20 PM | BL 206 | RUST S |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | | | | | | |
| SPED-581-.01 | CURRENT ISS SPED | 1.0 | LEC | MW | 12:50 PM - 02:00 PM | BL 101 | JAMES |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | | | | | | |
| SPED-585-.01 | AD SUP PRO M/M HN | 3.0 | LEC | MTWR | 02:10 PM - 03:20 PM | BL 207 | MADSEN G |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/27/90 | | | | | | |

SPECIAL OFFERING

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|--------------|--|-----|-----|-------|---------------------|--------|---------|
| SPED-498-.01 | SPT:TRAN LIFE BEYOND HS | 2.0 | LEC | MTWRF | 03:30 PM - 07:20 PM | BU 108 | PRICE |
| | NOTE: COURSE START DATE 07/23/90; COURSE END DATE 07/27/90 | | | | | | |
| SPED-498-.02 | SPT:MGT STR. STU W/BD | 2.0 | LEC | MTWRF | 03:30 PM - 07:20 PM | BU 108 | JAMES |
| | NOTE: COURSE START DATE 06/25/90; COURSE END DATE 06/29/90 | | | | | | |
| SPED-498-.03 | SPT:CLRM CREATIVITY | 2.0 | LEC | MTWRF | 03:30 PM - 07:20 PM | BU 108 | VOGT |
| | NOTE: COURSE START DATE 07/02/90; COURSE END DATE 07/06/90 | | | | | | |
| SPED-498-.04 | SPT:ISSUES IN PRESCHOOL | 2.0 | LEC | MTWRF | 03:30 PM - 07:20 PM | BU 108 | FOX |
| | NOTE: COURSE START DATE 07/16/90; COURSE END DATE 07/20/90 | | | | | | |
| SPED-498-.05 | SPT:CHILD ABUSE/NEGLECT | 2.0 | LEC | MTWRF | 03:30 PM - 07:20 PM | BU 108 | MORELAN |
| | NOTE: COURSE START DATE 07/30/90; COURSE END DATE 08/04/90 | | | | | | |
| SPED-498-.06 | SPT:SPED FUND/GRT WRNG | 2.0 | LEC | MTWRF | 03:30 PM - 07:20 PM | BU 108 | BRESKO |
| | NOTE: COURSE START DATE 07/09/90; COURSE END DATE 07/13/90 | | | | | | |

FIRST SHORT SESSION

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|--------------|--|-----|-----|-------|---------------------|--------|------------|
| SPED-303-.01 | FOUNDATIONS OF SPED | 3.0 | LEC | MTWRF | 08:50 AM - 10:00 AM | BL 210 | PRIGGE D |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | | | | | | |
| SPED-411-.01 | ASSMT EXCEPTNL STUDENT | 3.0 | LEC | MTWRF | 10:10 AM - 11:20 AM | BL 107 | PRIGGE D |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | | | | | | |
| SPED-427-.01 | MANUAL SIGN LNG I | 4.0 | LEC | MTWR | 08:50 AM - 11:20 AM | BU 210 | CARROTHERS |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | | | | | | |
| SPED-431-.01 | PROG MNGMT EXCEPTNL STD | 3.0 | LEC | MTWRF | 12:50 PM - 02:00 PM | BU 127 | CARROTHERS |
| | NOTE: COURSE START DATE 06/19/90; COURSE END DATE 07/18/90 | | | | | | |

FULL SESSION

| | | | | | | | |
|--------------|-------------------------------------|----------|-----|------|---------------------|--------|-----------|
| SPED-301-.01 | INTRO EXCEPT STD | 4.0 | LEC | MTWR | 07:30 AM - 08:40 AM | BL 110 | DOUGLAS |
| SPED-301-.02 | INTRO EXCEPT STD | 4.0 | LEC | MTWR | 02:10 PM - 03:20 PM | BL 109 | MCEVOY |
| SPED-302-.01 | PRE-SCH FOR HNDCP | 4.0 | LEC | MTWR | 02:10 PM - 03:20 PM | BL 110 | FOX |
| SPED-410-.01 | BEH MGT&PREC TCH EX ST | 3.0 | LEC | MWF | 10:10 AM - 11:20 AM | BL 206 | DOUGLAS L |
| SPED-412-.01 | TCH STRAT EXCEPT STUDNT | 3.0 | LEC | MWF | 08:50 AM - 10:00 AM | BL 110 | PRICE |
| SPED-426-.01 | TCH LANG DISAB CH | 3.0 | LEC | MWF | 11:30 AM - 12:40 PM | BL 108 | FOX |
| SPED-430-.01 | MATR FOR EXCEPTNL STDNT | 3.0 | LEC | MWF | 07:30 AM - 08:40 AM | BL 207 | MADSEN |
| SPED-432-.01 | CAREER ED EXCPT STUDENT | 3.0 | LEC | MWF | 11:30 AM - 12:40 PM | BL 207 | MADSEN G |
| SPED-496-.00 | ID | 1.0- 6.0 | IND | | TO BE ARRANGED | | STAFF |
| | NOTE: BY PERMISSION | | | | | | |
| | FORMS COMPLETED BEFORE REGISTRATION | | | | | | |
| SPED-499-.01 | SEM:ISS IN SPED | 2.0 | SEM | TR | 10:10 AM - 11:20 AM | BL 206 | DOUGLAS L |
| SPED-596-.00 | ID | 1.0- 6.0 | IND | | TO BE ARRANGED | | STAFF |
| | NOTE: BY PERMISSION | | | | | | |
| | FORMS COMPLETED BEFORE REGISTRATION | | | | | | |

SPECIAL PROGRAMS

INDIVIDUALIZED STUDIES

DEPT CHAIR: DALE COMSTOCK • BOUILLON 205 • 963-3103

FULL SESSION

| | | | | | |
|--------------|---|----------|-----|----------------|-------|
| I S -590.-00 | PROJ OR FIELD STD | 1.0- 6.0 | PCT | TO BE ARRANGED | STAFF |
| | NOTE: FORMS COMPLETED BEFORE REGISTRATION BY PERMISSION OF THE DEAN OF GRADUATE SCHOOL | | | | |
| I S -596.-00 | ID | 1.0- 6.0 | IND | TO BE ARRANGED | STAFF |
| | NOTE: FORMS COMPLETED BEFORE REGISTRATION BY PERMISSION OF THE DEAN OF GRADUATE SCHOOL | | | | |
| I S -700.-00 | THESIS/PROJ STUDY/EXAM | 1.0- 6.0 | IND | TO BE ARRANGED | STAFF |
| | NOTE: BY PERMISSION OF THE DEAN OF GRADUATE SCHOOL COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | | | | |

INTERDISCIPLINARY STUDIES

DEPT CHAIR: TOM BROBERG • BARGE 307 • 963-2404

FULL SESSION

| | | | | | |
|--------------|---|----------|-----|----------------|-------|
| IDST-290.-00 | CONTR FIELD EXP | 1.0- 5.0 | PCT | TO BE ARRANGED | STAFF |
| | NOTE: BY PERMISSION FORMS COMPLETED BEFORE REGISTRATION COURSE OFFERED FOR SATISFACTORY/UNSATISFACTORY ONLY | | | | |

$$d(v_1 + v_2) = d(v_1) + d(v_2)$$

COURSE DESCRIPTIONS

Accounting

ACCT 251. Financial Accounting I (5). An introduction to the entire field of accounting; information systems for decision making and reporting; financial statements, their collection, interpretation, and analysis.

ACCT 252. Financial Accounting II (5). Prerequisite, ACCT 251. Continuation of Financial Accounting introduced in ACCT 251; partnerships, corporations, and financial statement analysis. Review of international, ethical and non-profit perspectives.

ACCT 253. Managerial Accounting (5). Prerequisite, ACCT 251 and ADOM 202B. Control accounting and decision making for management purposes; including cost concepts; system design; standard costing; ethics in management accounting.

ACCT 301. Managerial Accounting Analysis (5). Not open to students who previously have taken an accounting course. Use of cost data for control and decision making, from the point of view of management, collection and transmission of quantitative information to meet various needs within the firm. Underlying concepts and preparation of financial statements from the point of view of the users of these statements. Planned for students not specializing in accounting. Not open to accounting and B.A. majors except by permission of instructor.

ACCT 305. Cost Accounting (5). Prerequisite, ACCT 253. Economics of cost accounting; industrial analysis, production control through costs; types of cost systems; burden application.

ACCT 350. Intermediate Accounting I (5). Prerequisite, ACCT 252. Theory underlying the presentation of current and fixed assets, liabilities, and net worth.

ACCT 351. Intermediate Accounting II (5). Prerequisite, ACCT 350. A continuation of the theory underlying the presentation of assets, liabilities and net worth. Financial statement analysis, comparative statements and statement of changes in cash flows.

ACCT 460. Auditing (5). Prerequisite, ACCT 351. Auditor's functions and responsibilities. Evaluation of the system of internal control, the determination of appropriate auditing procedures, and the extent of their application.

ACCT 499.1. Current Issues in Accounting (6). Prerequisite, Accounting major declaration. To explore current theoretical and practical issues in accounting, including but not limited to GAAP, employment, CPA and CMA examinations, and ethics.

Administrative Office Management

ADOM 202. Computer Applications for Business (3). Spreadsheet, database, graphics, word processing, Minitab applications, and limited disk operating systems for microcomputer and minicomputer. Basic keyboarding skills recommended. Same as ADOM 379. Student may not receive credit for both.

A. Apple

B. IBM or compatibles

ADOM 371. Office Management (5). Basic and theoretical management concepts, business and office organization, personnel administration, trends in office information systems, and the development of office supervisory skills.

ADOM 385. Business Communications and Report Writing (5) Prerequisite, ENG 102 or equivalent. Develops planning and writing skills for business letters, employment applications, memoranda, and reports.

ADOM 389. Microcomputer Desktop Publishing (3). Prerequisite, ADOM 202A or B or equivalent. Analyzing and designing layout, typography, and graphics to produce newsletters, advertisements, brochures, and flyers.

ADOM 479. Advanced Microcomputer Applications (3). Advanced software applications: windowing, macros, complex integration, selected advanced spreadsheets, database, graphics, and word processing techniques. Students may receive credit in both 479A and B.

A. Apple Prerequisite, ADOM 202A or equivalent.

B. IBM or compatibles, Prerequisite, ADOM 202B or equivalent.

ADOM 490. Contracted Field Experience (1-15). Prerequisite, approval by department chair. Individual contract arrangement involving student, faculty, and cooperating agency to gain practical experience. Grade will be S or U.

Aerospace Studies

AFRO 296. Independent Study (1-3). Prerequisite, permission of Department Chair. May be repeated.

AFRO 350. Four-Week Summer Field Training (3). Summer session only. Prerequisite, junior or senior standing. Organization, operation and mission of an Air Force base; physical conditioning; applied leadership; individual weapons; survival orientation; familiarization flying; field exercises; Air Base problems; leadership training. This course is by permission only.

AFRO 351. Six-Week Summer Field Training (5). Summer session only. Prerequisite, junior or senior standing. Organization, operation and mission of an Air Force base; Air Base problems; computer system and data processing; leadership education; physical conditioning, applied leadership individual weapons; survival training; familiarization flying and field training. This course is by permission only.

Anthropology

ANTH 107. General Anthropology (5) FWSp. Human biological and cultural adaptations: survey of concepts, methods, and perspectives on past and present.

ANTH 355. Culture and Personality (4). A cross-cultural analysis of personality as a function of cultural organization and transmission. Same as SOC 355. Students may not receive credit for both.

ANTH 380. Nonverbal Communication (4). Interpretation and analysis of four categories of nonverbal behavior: paralanguage, action language, object language, and uses of space and time. Same as COM 380. Students may not receive credit for more than one.

ANTH 456. Principles of Anthropology for Teachers (4). Concepts related to human biological and cultural adaptation, with emphasis on applicability to public school teaching. (K-12).

Art

ART 101. Introduction to Art (5) FWSp. The nature, understanding, and appreciation of the visual arts; two-and three-dimensional art forms and their relationship to the human experience.

ART 150. Drawing (3) FWSp. Studio experience, emphasizing an understanding of form through various drawing materials and techniques. Six hours studio per week.

ART 325. Intermediate Photography (3) FWSp. Prerequisite, ART 225. Development of photography as a medium of creative expression with an opportunity to work in color. Individual direction is encouraged. One hour lecture and four hours studio per week.

ART 330. Art in the Elementary School-Primary (3) FWSp. Content and method, including representative studio experiences. Designed for non-art majors and minors. One hour lecture and four hours studio per week.

ART 331. Art in the Elementary School-Intermediate (3) FWSp. Content and method, including representative studio experiences. Designed for non-art majors and minors. One hour lecture and four hours studio per week. Students in ART 331 cannot receive credit for ART 332.

ART 332. Art in the Elementary School (3) FWSp. Prerequisites, ART 150, 170 or permission of instructor. The philosophy and psychology of the elementary school art program, its organization and the content including some representative studio experiences. Designed for art majors and minors. Two hours lecture and two hours studio per week. Students in ART 332 cannot receive credit for either ART 330 or 331.

ART 425. Advanced Photography (3) FWSp. Prerequisite, ART 325. A continuation of study outlined in ART 325 with emphasis upon developing individual direction. One hour lecture and four hours studio per week. May be repeated for credit by undergraduates only.

ART 525. Advanced Studies in Photography (2-5) FWSp. Prerequisite, ART 425 or equivalent. May be repeated for credit.

Biology

BISC 305. The Language of Biology (3). Prerequisite, BISC 104 or permission of instructor. Two hours lecture and a discussion period to be arranged.

BISC 495. Biological Field Practicum (1-15) FWSp. Prerequisite, permission of instructor and department chair. Individual or group off-campus experience in the field study of biological phenomena. This course may be taken more than once for full credit. Grades will either be S or U.

BISC 513. Developments in Cellular Biology (5). Prerequisite, graduate standing or permission. Ways in which new information is being integrated with the basic concepts of cellular and molecular biology.

Business Education

BSED 401. Principles and Philosophy of Vocational Education (3).

BSED 525. Business and Marketing Education Issues (3). Identification and analysis of current issues and trends in business and marketing education. Same as ME 525. Student may not receive credit for both.

Business

BUS 221. Business Statistics (5) Prerequisites, ADOM 202B and MATH 130.1 or equivalents. Introduction to inferential business statistics. Same as MS 221. Student may not receive credit for both.

BUS 241. Legal Environment of Business (5). Prerequisite, Sophomore standing. An introduction to legal reasoning, ethics in business, the law of contracts, torts, agency, sales, bailments, and personal property. Same as FIN 241. Student may not receive credit for both.

BUS 323. Operations Management (5). Prerequisites, BUS 221, MATH 170 and admission to the major or permission. Introduction and development of management science methods and models to support management decision making in production, operations and related functional areas. Same as MS 323. Student may not receive credit for both.

BUS 360. Principles of Marketing (5). Prerequisite, admission to the major or permission. Introduction to the development of a marketing system. Interaction of economics, law, politics, ethics, and the behavioral sciences in a mixed market society. Same as MKT 360. Student may not receive credit for both.

BUS 370. Business Finance (5). Prerequisite, admission to the major or permission. An introduction to enterprise financial planning and management, all phases of asset management, short and long-term sources of capital and mergers and acquisition; multinational finance, and social responsibility. Same as FIN 370. Student may not receive credit for both.

BUS 380. Organizational Management (5). Prerequisite, admission to the major or permission. History in management

thought and practice, its development, change and probable future; relationship of management and decisions to environment and society; organization theory; human behavioral aspects of management; planning, control, and staffing as decision processes in organizational systems. Same as MGT 380. Student may not receive credit for both.

BUS 381. Management of Human Resources (5) Selection of personnel; methods of training and retraining workers; wage policy; utilization of human resources; job training; administration of labor contracts; and public relations. Same as IR 381. Student may not receive credit for both.

BUS 386. Management Information Systems: Data and Technology (5). Prerequisite, admission to the major or permission. Development of the concept of computer-based information systems and data bases as management tools. Main topical areas include computer technology, business computer applications, management and acquisition of computer resources and the information systems development cycle. Same as MS 386. Student may not receive credit for both.

BUS 400. Understanding the Private Enterprise System (2). An intensive course covering the U.S. and Washington State Economics; small business and large corporations; business, labor, government, and the public; and the future of business in the Pacific Northwest. Restricted to professional educators participating in Business Week. Grade will be S or U. Same as MGT 400. Student may not receive credit for both.

BUS 461. Self-Marketing (2). Prerequisite, BUS 360. Applying the principles of marketing to the development of a personal marketing plan including strategies and tactics. Same as MKT 462. Student may not receive credit for both.

BUS 462. Marketing Promotion Management (5). Prerequisite, BUS 360. Communication problems of marketing goods and services to consumers and industrial buyers; advertising management, personal selling, and sales promotion; analysis for the promotion mix; public interest in marketing communication. Same as MKT 462. Student may not receive credit for both.

BUS 470. Advanced Financial Management and Policy (5). Prerequisite, BUS 370. The theory and practice of business finance and policy. The management of current and fixed assets, including the use of newer quantitative and decision science oriented techniques. Emphasis will be on financing of sole proprietorships, partnerships, as well as corporations. Same as FIN 470. Student may not receive credit for both.

BUS 475. Investments (5). Prerequisite, BUS 370. Survey of investment vehicles with an emphasis on fundamental analysis. Techniques of financial analysis will be introduced and practiced, and alternative investment strategies will be examined. Same as FIN 475. Student may not receive credit for both.

BUS 481. Organizational Theory and Human Behavior (5). Prerequisite, BUS 380. A conceptual analysis of the organizational structure of the firm and the interactions of organizational work groups. Same as MGT 481. Student may not receive credit for both.

BUS 484. Business in the World Perspective (5). A comparative study of the practice of management in selected foreign countries as well as an analysis of key managerial problems encountered in the multinational corporation. Same as MGT 484. Student may not receive credit for both.

BUS 489. Business Policy (5). Prerequisite, completion of all other core requirements for Business Administration or Accounting. Basic Policy decisions involved in managing the total

enterprise. Same as MGT 489. Student may not receive credit for both.

Chemistry

CHEM 111. Introduction to Chemistry (4) FW. Introductory chemistry for nursing students and for those needing a background in chemistry prior to taking CHEM 181. Not open to students with credits in CHEM 181 or higher.

CHEM 111.1. Chemistry Laboratory (1) FW. Corequisite, CHEM 111. Practical application and demonstration of chemical principles. One laboratory session weekly.

CHEM 112. Introduction to Organic Chemistry (4) WSp. Prerequisite, CHEM 111. A survey of organic chemical principles and reactions.

CHEM 112.1. Chemistry Laboratory (1) WSp. Prerequisite, CHEM 111, 111.1, concurrent or previous registration in CHEM 112. One laboratory session weekly.

Communications

COM 380. Nonverbal Communication (4). Interpretation and analysis of four categories of nonverbal behavior paralanguage, action language, object language, and uses of space and time. Same as ANTH 380. Student may not receive credit for both.

Computer Science

CPSC 101. Computer Basics (4). Prerequisite, high school or college algebra. Literacy course; basic computer structure; introduction to spreadsheet programs; introduction to a computer language. Three hours lecture, two hours laboratory per week. This course may not be counted toward a computer science major or minor. Will not serve as a prerequisite for upper-division computer science courses.

CPSC 333. Computer Science Topics for Educators (4). Prerequisite, CPSC 265. Use and analysis of various applications and utility software packages. May not be counted for Computer Science major. Recommended for the prospective teacher. Three hours lecture, two hours laboratory per week.

Drama

DR 269. Basic Acting Techniques (5) FWSp. Theory and practice of the basic essentials of the craft.

DR 312. Creative Dramatics in School and Leisure (4). Theory and practice of dramatic improvisation as a stimulus for learning and creative recreation. Focus on exploratory drama for language acquisition and social interaction.

DR 420. Teaching Communication and Drama in the Elementary School (3). Exploration of Interpersonal Communication and Children's Drama in the development of verbal and nonverbal language skills. Same as COM 420. Students may not receive credit for both.

Early Childhood Education

ECE 302. Preschool for the Handicapped (4). Prerequisites, SPED 301 and ECE/HOFS 332 or permission of instructor. An overview of services for handicapped children, aged 0-6: enabling legislation, risk factors, educational development, early detection, alternative delivery systems, intervention approaches, physical facilities, and environments. ECE 302 and SPED 302 are the same class. Student may not receive credit for both.

ECE 318. Culture and Curriculum (3). ANTH 130 recommended. The importance to children, families and communities of culture-based curriculum and its creation, use and evaluation.

ECE 334. ECE Curriculum: Kindergarten- Primary (3). Prerequisite, ECE 331 or 332 or PSY 314. Historical influences and knowledge of child development/psychological theories/contemporary models as a basis for curriculum development and implementation in kindergarten through primary settings. ECE 334 and ED 334 are the same course. Student may not receive credit for both.

ECE 448. Parent Involvement (3). Parent-child and parent-school interactions as educational and developmental aids. Emphasis upon the school's use of the home and community for educational purposes. ECE 448 and ED 448 are the same course. Students may not receive credit for both. (Formerly ECE 445.)

Economics

ECON 201. Principles of Economics Micro (5). The function of the market system in the allocation of scarce resources, determination of prices and output in competitive and monopolistic markets, and distribution of income. The role of government in the market economy.

ECON 202. Principles of Economics Macro (5). Prerequisite, ECON 201 is normally taken before ECON 202, but may be taken concurrently. Organization of the U.S. economy, structure and role of the monetary system, problems of employment and inflation, overall impact of government spending and taxation on the economy. Economic growth, world economic problems and a comparison of capitalism with other economic systems.

ECON 310. International Economics (5). Prerequisites, ECON 202. International trade and monetary theories; analyzing economic relationships and adjustments within and among trading nations; specialization, tariffs, balance of payments, international monetary systems.

ECON 330. Money and Banking (5). Prerequisites, ECON 202. The supply of money and the Federal Reserve System; financial intermediaries and financial instruments; macroeconomic theory and policy.

ECON 452. Managerial Economics (5). Prerequisites, ECON 202 and BUS 221. Application of microeconomic theories to managerial decisions and planning utilizing the case method.

Education

ED 100. Improvement of Basic Reading Skills (1-2). May be repeated. Credits will not be allowed toward meeting graduation requirements. Grade will be S or U.

ED 301. Teaching: An Orientation (3). Teaching as a career and essential features of preparation for it. It includes a study of the teacher's role and function in the school; characteristics of good teachers; preparation for professional competencies and certification; the American public school system; and the responsibilities of schools in a democratic society.

ED 308. Reading I (3). First of two courses designed to prepare prospective teachers to teach reading in elementary school classrooms. Deals with processes and products of the reading act; methods and materials; assessment procedures and instruments.

ED 309. Reading II (5). Prerequisite, ED 308. Content and methodology of readiness, vocabulary development, phonetic

and structural analysis, comprehension and study skills.

ED 311. Teaching: Curriculum, Methods and Materials (5). Prerequisites, ED 300, ED 301, PSY 314, and admission to the Teacher Education Program. Meets daily. The basic principles of instruction, fundamental teaching procedures, orientation to curriculum content, classroom activities, and instructional materials typical of primary, intermediate, middle school, junior and senior high school levels. Laboratory experiences will be scheduled. Students may not receive credit for both ED 314 and ED 311.

ED 316. Instructional Media: Methods and Materials (3). Prerequisite, admission to the Teacher Education Program. Explores the selection, production and utilization of instructional media for students, classroom and career use.

ED 323. Teaching Elementary School Mathematics (3). Principles and methods instruction; fundamental processes, the "discovery" method as one means of putting the "meaning theory" into practice, the use of proof, the building of number concepts, and the purpose of problems.

ED 410. Teaching Word Recognition Skills (3). Prerequisites, ED 308 and 309. Methods for teaching the word recognition skills will be developed. Decoding as an aid to comprehension, including phonetic analysis, context clues, structural analysis, and sight vocabulary.

ED 411. Teaching Comprehension (3). Prerequisite, ED 308 or permission. Comprehension strategies and techniques; techniques for vocabulary development.

ED 420. Teaching the Language Arts (4). Primarily for prospective elementary school teachers. Listening, writing, speaking, spelling, handwriting, and vocabulary development. Emphasizes curriculum, methods, materials, and research. Experienced teachers see ED 531.

ED 421. Teaching Children's Literature (3). The types of literature suited to children in grades 1-6; includes reading and evaluation of material from early folklore to present day books for children. Students may not receive credit for ED 421 and ENG 432.

ED 424. Reading in the Content Fields (3). For intermediate and secondary school teachers. Focuses on the techniques needed by students to become efficient readers in various subject areas.

ED 444. Educational Issues and Law (2). Prerequisite, admission to the Teacher Education Program or permission of the Department Chair. Major legal and ethical problems confronting educators.

ED 448. Parent Involvement (3). Parent-child and parent-school interactions as educational and developmental aids. Emphasis upon the school's use of the home and community for educational purposes. ED 448 and ECE 448 are the same course. Students may not receive credit for both.

ED 487. Group Processes and Leadership (3). The role of group processes in improving human relations in group situations, climate making, role playing and group discussions. Grade will be S or U. Same as PSY 487. Student may not receive credit for both.

ED 501. Educational Foundations (3). Provides a background in selected areas of sociological, historical, and philosophical foundations of education. Also considers current and emerging problems of education.

ED 502. History of Education (3). Background: historical development in America.

ED 503. Philosophy of Education (3). Various philosophic positions which lead to an understanding of the educational enterprise. Same as PHIL 503. Student may not receive credit for both ED/PHIL 467 and ED/PHIL 503.

ED 504. Advanced Educational Statistics (4). Use and interpretation of complex statistical principles.

ED 508. Comparative Education (3). A comparative look at national systems of education.

ED 510. Educational Research and Development (3). A study of the types, methodology, and uses in practice of educational research and development skills pertinent to the design and execution of research thesis and education developmental projects.

ED 521. Reading in the Elementary School (4). Prerequisites, a basic undergraduate reading course and classroom experience, or permission. Contemporary influences in reading instruction in American elementary schools.

ED 523. Survey of Research in Reading (3). Prerequisites, reading methods course and teaching experience. Identification and in-depth study of problems related to reading instruction. Recent reading research is pursued with emphasis on classroom application.

ED 525. Psychology of Reading (3). Prerequisites, a reading methods course, a basic psychology of learning course, or permission of instructor. Principles of learning and readiness, perception, psychological and physiological aspects of reading. Same as PSY 525. Student may not receive credit for both.

ED 526. Diagnosis of Reading Difficulties (3). Prerequisites, an undergraduate reading methods course and teaching experience. Designed to inform practicing teachers about materials and procedures for diagnosing and interpreting reading problems of students.

ED 527. Whole Language Approach to Teaching Reading. (3) Oral language development as a bridge to reading. Specific techniques and materials which use the whole language of the child will be developed into a reading program.

ED 528. Remediation of Reading Difficulties (3). Prerequisite, ED 526. Techniques and materials for remediating children's reading difficulties. Should be taken concurrently with ED 592.1.

ED 542. Individualizing Instruction (3). Prerequisite, ED 311 or equivalent. Basic techniques appropriate to elementary and secondary schools.

ED 560. Teacher Evaluation (3). Evaluation of classroom instruction including observations, pre-conferences, interview skills, and feedback techniques.

ED 561. School Supervision (3). Prerequisite, at least one year of teaching experience. The emphasis of this course will be on the development of observation skills, assessment skills, and the ability to work with teachers for the improvement of instruction.

ED 562. Elementary School Curriculum (3).

ED 564. Secondary School Curriculum (5).

ED 580. Educational Administration (5). Prerequisite, one year of teaching experience.

ED 581. Public School Finance: Introduction (3).

ED 583. School and Community (3). For classroom teachers, principals, administrators and lay leaders. An examination of the relationship between the school and community.

ED 586. The Principalship (5). Prerequisite, one year of teaching experience in a state-approved K-12 program. The administration of elementary, middle, junior high and high schools. Covers common elements and those peculiar to specific levels.

ED 592.1. Practicum: Diagnosis and Remediation of Reading Difficulties (3). Prerequisite, ED 526. Supervised experience working with one or more students. Includes the preparation of a case study. Grade will be S or U. Should be taken concurrently with ED 528.

ED 594. School Law (3). An introduction to U.S. constitutional, legislative and regulative school law, with particular attention to the state of Washington. Covers the legal issues of governance, church/state relations, tort liability, personnel and student rights, property and funding, minorities. Also covers basic legal research skills.

Electronic Technology

ELT 478. Senior Project, Phase I (2). Prerequisite, permission of instructor. An extensive individual design and/or analytical project performed in consultation with one or more faculty advisor. Collaboration with representatives of industry, government agencies, or community institutions is encouraged. Evidence of extensive and thorough laboratory performance is required.

ELT 479. Senior Project II (2). Prerequisite, ELT 478. An extensive individual design and/or analytical project performed in consultation with one or more faculty advisor. Collaboration with representatives of industry, government agencies, or community institutions is encouraged. Evidence of extensive performance is required.

English

ENG 100S. Basic English Spelling (3). Required of all students whose verbal skills scores indicate deficiencies in spelling. Course may be repeated. A study of the basic sound-to-spelling correspondences and basic spelling processes in modern American English. The work that the student does will be determined by a diagnostic pre-test. Credits will not be allowed toward meeting bachelor's degree requirements at Central. Grade will be S or U.

ENG 100U. Basic English Grammar and Usage (1-2). Course may be repeated. A study of basic English grammar and conventional usage. The work that the student does will be determined by a diagnostic pre-test. Credits will not be allowed toward meeting bachelor's degree requirements at Central. Grade will be S or U.

ENG 100W. Remedial Writing, Basic Writing Skills (1-2). Course may be repeated. Individualized work in basic writing skills of drafting, editing, and proofreading. Intended for students whose problems are less generalized than those dealt with in English 100G. Credits will not be allowed toward meeting bachelor's degree requirements at Central. Grade will be S or U.

ENG 101. English Composition (3). Prerequisite, removal of any deficiencies in English or reading. Develops writing skill in expository prose. Required of all students except those exempted on the basis of the English Placement Test.

ENG 102. English Composition (3). Prerequisite, English 101 or exemption from 101. Continuation of English 101, developing writing skill in expository prose. Required of all students.

ENG 105. The Literary Imagination: An Introduction to Literature (5). Human experience as it is imagined, interpreted, and made significant in the poetry, prose, fiction, and drama of the major writers of the world. For general education (breadth) credit, a student must be enrolled in or have completed ENG 101, and cannot take this course on a credit/no credit basis.

ENG 301. English Composition (3). Prerequisites, English 102 and junior standing. Upper division work in expository prose with emphasis on style and logic. Required of all students.

ENG 310. Technical Writing (4). Prerequisite, ENG 301 or equivalent. Practice in writing and editing technical reports.

ENG 320. English Grammar (4). A review of the concepts and terminology of traditional grammar, the parts of speech and their functions in sentences, the elements of the sentence and its various patterns.

ENG 342. Literature and Myth (5). Concepts and forms of myth in representative Western and non-Western literature.

ENG 411. Studies in Major American Writers (3). Intensive study of one or two writers. May be repeated for credit under a different subtitle.

ENG 512. Introduction to English Graduate Study (5). The philosophy of literature; research methods. Required of all Master of Arts candidates.

ENG 515. Advanced Studies in American Literature (4). Prerequisite ENG 512. Course content identified by title in the University Class Schedule. May be repeated for credit under different titles.

ENG 588. English Language Learning: Rhetoric (4). The various modes of discourse and their implications for teaching reading and writing; the analysis of the rhetorical act.

Geography

GEOG 107. Introduction to Physical Geography (5) FWSp. The complex landforms, climate, vegetation, and soils which characterized man's natural environment.

Geology

GEOL 305. Geology of Western National Parks (2). The geological history and primary geological landforms of selected national parks and monuments in western United States.

GEOL 307. Geology of the Columbia Plateau (1). The geology and geologic history of the Columbia Plateau and its immediate margins.

GEOL 320. Introduction to Minerals and Rocks (3). Prerequisite, GEOL 145 or equivalent, or permission. A course for the classroom teacher or any person interested in the formation and identification of common rocks and minerals. Two lectures, three hours laboratory per week, and some field trips. May not be applied toward a major in Geology or Earth Science.

GEOL 345. Principles of Geology (5). The earth sciences and their historical development; chemical, physical and interpretive principles used to understand geological processes and their results; the rock and fossil history of the earth; relation-

ship of geologic processes to man. Four lectures and three hours laboratory per week. Students may not receive credit for both GEOL 345 and GEOL 145.

GEOL 380. Environmental Geology (3) F. Application of the earth sciences to various aspects of the environment-natural processes, waste disposal, construction planning, mining-with emphasis on problems resulting from man's intense use of the earth and its resources.

Health Education

HED 442. Field Work and Experience in Health Education (1-5). Prerequisite, permission of the instructor. Observation and participation in health programs, and/or HED 101.

HED 446. Health Education Curriculum for Elementary Teachers (3). Examination of available curricula and teaching materials in Health Education for elementary school teachers. Students must develop an Elementary Health Education curriculum.

Physical Education, Recreation

HPER 510. Issues in Health, Physical Education and Recreation (4). Exploration of newest ideas and concepts in current writing of the field.

History

HIST 103. World Civilization Since 1815 (5) FWSp. A comparative survey of political, social, economic, and cultural developments. For general education (breadth) credit, a student must be enrolled or have completed ENG 101.

HIST 144. United States History Since 1865 (5) FWSp. Reconstruction, industrial America and 20th century urban America. For general education (breadth) credit, a student must be enrolled or have completed ENG 101.

HIST 301. Pacific Northwest History (3) FWSp. Exploration and settlement; subsequent political, economic, and social history with particular emphasis on Washington.

HIST 430.1. Tudor-Stuart England (3-5).

Home Economics

HOEE 401. Principles and Philosophy of Vocational Education (3).

HOEE 421. Methods in Adult Education in Home Economics (3) Sp. Prerequisite, permission of instructor. Methods and materials for teaching home economics in community settings. Use of community advisory committees. Participation in organizing and teaching adult groups.

HOFN 245. Basic Nutrition (3) FWSp. Fundamental nutritional concepts as related to health.

HOFN 446. Nutrition, Weight Control and Exercise (3) F. Prerequisite, HOFN 245 or permission. Study of interrelationship of factors required for successful weight control; modification of diet, activity and behavior. Role of dietary factors in health and body function. This course is the same as PE 446. Student may not receive credit for both.

HOFN 547. Nutrition Update (3). Prerequisite, HOFN 245 or permission. Review of basic nutrition, recent advances in nutrition research. Advanced study of selected nutrition problems.

HOFS 235. Courtship and Marriage (3). FWSp. Preparation for marriage. Contribution of dating, courtship and engagement periods to successful marriage. Role of personality, financial, religious and sex adjustments, and emotional maturity. Reproduction, parenthood and family crises. HOFS 235 and PSY 235 are the same course. Students may not receive credit for both. May not be used for Breadth if SOC 248 has been taken.

Humanities

HUM 175. Ideas, Literature, and the Western Tradition (5) FWSp. An introduction to selected works in the western tradition which have had great impact on generations of thinking individuals. For general education (breadth) credit, a student must be enrolled in or have completed ENG 101.

Industrial Engineering Technology

IET 160. Computer Aided Design and Drafting (3).

IET 165. Engineering Drawing I (4). Fundamentals of orthographic projection, isometric drawings, applied geometry, sections, auxiliary view, developments, lettering and drawing reproductions. Two hours lecture and three hours laboratory per week.

IET 271. Basic Electricity (3). Prerequisite, MATH 120 or MATH 163.1. Corequisite, IET 271.1 (laboratory). Fundamental principles of electricity, Ohms law, Kirchoffs laws, and the power equation applied to DC and AC circuits.

IET 271.1. Basic Electricity Laboratory (2). Basic principles of electrical measurement and testing of DC and AC circuits. The laboratory material will be correlated with IET 271, Basic Electricity, and must be taken as a corequisite. Four hours laboratory per week.

IET 401. Principles and Philosophy of Vocational Education (3).

Mathematics

MATH 100. Basic Mathematics (1-4) FWSp. For all students whose scores on the Washington Pre-College examinations indicate deficiencies in mathematics. Credits will not be allowed toward meeting Bachelor's degree requirements at Central. Grades will be S or U. May be repeated. (For information, see Academic Skills Center, L&L 103.)

MATH 101. Mathematics in the Modern World (5) FWSp. Intended for the student with limited mathematical background. Selected topics from the historical development and applications of mathematics together with their relationship to the development of our present society.

MATH 130.1. Finite Mathematics I (5) FWSp. Fundamental concepts of mathematics emphasizing appreciation and respect for precise definitions and logical reasoning. A course especially suited for students in the behavioral, managerial and social sciences, as well as for the general student. Meets General Education "reasoning" requirement and prepares student for introductory statistics courses in various departments. The language of sets, counting procedures, introductory probability and decision-making, introductory descriptive statistics.

MATH 163.1. Pre-Calculus Mathematics I (5) FWSp. Prerequisite, MATH 161 or equivalent, or permission of department chair. A foundation course which stresses those algebraic and elementary function concepts together with the manipulative skills essential to the study of calculus.

MATH 172.1. Calculus (5) Prerequisites, MATH 163.1 and 163.2 or equivalents, or permission of department chair. Theory, techniques and applications of differentiation and integration to the elementary functions.

MATH 524.1. Math Methods for Jr. High School (3). Prerequisite, one year of teaching experience in Mathematics. Problems and methods associated with the teaching of Mathematics in the junior high or middle school. Offered summers only.

MATH 530. Mathematical Recreations (3). An examination of selected examples of puzzles, paradoxes, brain teasers, and parlor games and a brief investigation of the mathematical principles on which they are based. Primarily for the experienced junior and senior high school mathematics teacher seeking motivational materials. Offered summers only.

MATH 550. Transformational Geometry (3). Prerequisite, MATH 455.1 or permission. A study of the group of transformations of the plane: reflections, rotations, translations, glide reflections. As time permits the properties of dilations and affinities also will be discussed. Offered summers only.

MATH 572. Elementary Real Analysis (5). Prerequisite Math 172.2 or equivalent and one year of teaching experience. A post introductory calculus course which examines the fundamental concepts of sets, sequences, limits, series, functions, continuity and differentiability. Offered summers only. Same as Math 470. Student may not receive credit for both.

Marketing Education

ME 401. Principles and Philosophy of Vocational Education (3).

Military Science

MLS 292. Basic Camp (8). Basic military skills and leadership techniques taught at Ft. Knox, KY, during the summer. Qualifies the student for enrollment in the ROTC advanced course. Training emphasizes leadership development and can be taken in place of the basic course. Students receive pay, food, lodging and travel expenses to and from Ft. Knox, KY.

MLS 490. Military Science and Tactics III (Advanced Camp) (8-15). Prerequisites, MLS 310, 311, and 312. Practical exercise in small unit leadership and tactics. Six-week camp at Ft. Lewis, Washington. Required for commissioning. Option of three weeks field experience as a second lieutenant in a military unit (Alaska, Hawaii, Korea, or in the Continental United States).

Music

MUS 101. History of Jazz (5) FWSp. The evolution of Jazz and the development of Black music in White America.

MUS 102. Introduction to Music (5) FWSp. Fundamental musical concepts (melody, harmony, rhythm, form, etc.) through illustrations of the instrumental and vocal music of major composers from the earliest period through the present day.

MUS 266. Wind Ensemble (1-2) WSp. May be repeated for credit. Open to students with demonstrated proficiency on band instruments by audition or permission of the instructor. Five hours rehearsal per week plus all scheduled rehearsals and performances. One credit if offered one term only during summer session.

MUS 267. Choir (1-2) FWSp. May be repeated for credit. Open to all students by audition. Five hours rehearsal per week plus

all scheduled rehearsals and performances. One credit if offered one term only during summer session.

MUS 326. Music in the Classroom (3) FWSp. For the general classroom teacher. (Not for music majors or minors.) Techniques used in helping children to develop musically through singing, rhythmic activities, creative activities, listening, and playing instruments.

MUS 466. Wind Ensemble (1-2) WSp. By permission of the instructor. May be repeated for credit. See MUS 266 for description. For juniors and seniors. One credit if offered one term only during summer session.

MUS 467. Choir (1-2) FWSp. May be repeated for credit. Open to all students by audition. Five hours rehearsal per week plus all scheduled rehearsals and performances. One credit if offered one term only during summer session.

MUS 521. Methods of Musical Research (3) F.

MUS 540. Choral Interpretation and Techniques (3) F. For choral directors of all levels in the public schools and churches. New materials, voice production, intonation, interpretation, conducting techniques, diction.

MUS 541. Advanced Conducting (3). Prerequisite, MUS 342 or equivalent. Emphasis upon the conducting of advanced literature in the major performance media. May be repeated for credit.

MUS 560. Psychology and Guidance in Music Education (3). Open to superintendents, principals, supervisors, music teachers and others who deal with music in the public school program.

MUS 566. Wind Ensemble (1) WSp. May be repeated for credit. Open to students with demonstrated proficiency on band instruments by audition or permission of the instructor. Five hours rehearsal per week plus all scheduled rehearsals and performances. For graduate students. One credit if offered one term only during summer session.

MUS 567. University Choir (1) FWSp. May be repeated for credit. For graduate students. See MUS 267 for description. One credit if offered one term only during summer session.

MUS 589. Harmonic Analysis (3) W. Prerequisites, MUS 246, 282. Survey of all harmonic forms, analysis of harmonic content.

Physical Education

PE 245. First Aid (3). American Red Cross First Aid Course for which standard certificate may be granted.

PE 250. Anatomy I (3). Examination of the skeletal and muscular systems of the human body.

PE 323. Basketball Coaching (3).

PE 334. Physical Education Activities for the Elementary School (3). Selection, organization, and presentation of physical education activities in the elementary school. This course is not recommended for elementary PE major or minors.

PE 442. Field Work in Physical Education (1-5). Class to be arranged by college supervisor. Grade will be S or U.

PE 450. Physiology of Exercise (3). Prerequisite, PE 351 or permission. Physiology of muscle activity; correlates of nervous system behavior; heart-rate-work load relationships;

respiratory hyperventilation. Two hours lecture, two hours laboratory per week.

PE 455. Fitness Assessment and Exercise Prescription (4). Prerequisite, PE 354. Concepts and principles of appraising level of fitness, evaluating the results and designing physical fitness/exercise programs. Three hours lecture, two hours laboratory.

PE 525. Advanced Baseball Coaching (3).

PE 541. Sport and Culture (3). The interrelationship of sport with other aspects of the culture.

PEAQ 111. Beginning Swimming. Prerequisite, must be a non-swimmer.

PEF 113. Weight Training.

PEF 116. Aquacises. Designed to increase the physical fitness of individuals through water exercises. Open to both swimmers and non-swimmers.

PEF 121. Aerobic Conditioning.

PEID 115. Beginning Golf.

PEID 116. Intermediate Golf. Prerequisite, PEID 115 or permission.

PEID 123. Beginning Tennis.

PEID 124. Intermediate Tennis. Prerequisite, PEID 123 or permission.

Philosophy

PHIL 101. Introduction to Philosophy (5) FWSp. May not be counted towards the Philosophy major.

PHIL 201. Introduction to Logic (5) FWSp. Principles, methods and techniques for analyzing, constructing, and evaluating arguments.

PHIL 503. Philosophy of Education (3). Various philosophic positions which lead to an understanding of the educational enterprise. Same as ED 503. Student may not receive credit for both ED/PHIL 467 and ED/PHIL 503.

Physics

PHYS 111. Introductory Physics (5) FWSp. Courses must be taken in sequence. Prerequisites, three semesters of high school algebra or MATH 163.1 and one semester of high school trigonometry or MATH 163.2. A broad coverage of physical topics using algebra and trigonometry as mathematical tools. Four class meetings and three hours laboratory per week. Not open to students with credit in PHYS 211, 212, 213.

Political Science

POSC 210. American Politics (5). Origin and development of the United States government; structure, political behavior, organizations and processes; rights and duties of citizens. For general education (breadth) credit, a student must be enrolled in or have completed ENG 101.

Psychology

PSY 101. General Psychology (5) FWSp. An introduction to the science of behavior.

PSY 235. Courtship and Marriage (3) FWSp. Also listed as HOFS 235. Student may not receive credit for both. May not be used for Breadth if SOC 248 has been taken.

PSY 295. Laboratory Experience in Psychology (1-5) FWSp. Permission of Department Chair required. PSY 101 recommended. May be repeated. Not more than 5 credit hours may be applied to a Psychology major. Grade will be S or U.

PSY 314. Human Development and the Learner (4) FWSp. Physical, intellectual, emotional, and social development through the life cycle. Theories of development and research methods. Cannot be used for credit for psychology majors and minors.

PSY 315. Psychology for the Classroom (4) FWSp. Prerequisites, PSY 314, admission to the Teacher Education Program or permission of the chair. Application of learning theories, instructional principles, and evaluation processes for the classroom. Cannot be used for credit for Psychology majors or minors.

PSY 346. Social Psychology (4) FWSp. Recommended prerequisite, PSY 101. Social influences on individual behavior.

PSY 350. Sleep and Dreaming (3) F. Prerequisite, PSY 101 with PSY 300 recommended. Research and theory concerning the functions and dysfunctions of sleep and dreaming. Theories of dream interpretation and control.

PSY 362. Descriptive Statistics (4) FWSp. Prerequisite, MATH 130.1 or equivalent math.

PSY 404. Psychology of the Gifted (3). Psychological factors related to the intellectual and emotional development and adjustment of gifted individuals.

PSY 447. Psychology of Adolescence (3). FWSp. Prerequisite, PSY 101 with PSY 314 recommended. Physiological, cognitive, and social aspects of maturation; problems of vocational choice and of increasing autonomy.

PSY 449. Abnormal Psychology (4) FWSp. Prerequisites, PSY 101 and four additional credits in psychology. Symptoms, etiology and treatment of psychopathology and behavior problems.

PSY 467. Maladjusted Children (3). Prerequisites, PSY 313 or 314 or permission of instructor. Discovery and treatment of the severely maladjusted child; the home, school, and community in relation to the child's mental health; relevant resources and research.

PSY 487. Group Processes and Leadership (3). Human relations in group situations. Grade will be S or U. Same as ED 487. Student may not receive credit for both.

PSY 525. Psychology of Reading (3). Prerequisites, a reading methods course, a basic psychology of learning course, or permission of the instructor. Principles of learning and readiness, perception, psychological, and physiological aspects of reading. Same as ED 525. Student may not receive credit for both.

PSY 533. Principles and Practices of Adlerian Psychology (4). The application of Adlerian principles of counseling with individual, groups, and family situations.

PSY 552. Human Growth and Development, Advanced (3) F. Prerequisite, PSY 313, 314, or permission of instructor. Developmental theories, multicultural differences, exceptionality, related research, and implications for education and guidance.

PSY 559. Advanced Educational Psychology (4) W. Prerequisite, PSY 315 or permission of instructor. Investigation of principles of learning and behavior as it relates to educational situations, including major theories of learning and development and assessment/evaluation procedures.

PSY 573. Career Development (3) W. Prerequisite PSY 444 or permission of the instructor. Overview of major theories of career development and occupational choice, emphasizing individual, ethnic and cultural differences.

PSY 593.C. Practicum in Counseling with Emphasis on Adults (3) FWSp. Prerequisites, PSY 568 (may be taken concurrently), PSY 593.B and permission of department chair. Grade will be S or U.

PSY 593.D. Practicum in Counseling with Emphasis on Children and Families (3) FWSp. Prerequisites, PSY 593.C, PSY 571 (both may be taken concurrently) and permission of the department chair. Counseling with children and adolescents and their families. Grade will be S or U.

PSY 593.E. Group Counseling Practicum (3) FWSp. Prerequisites, PSY 561, PSY 593.B and permission of department chair. Supervised counseling of child or adult groups. Grade will be S or U.

PSY 597. Supervised Field Experience in Counseling (3) FWSp. Prerequisite, advanced status in counseling options or advanced degree in counseling or equivalent. Grade will be S or U. May be repeated.

PSY 684.1. Counseling Internship (3-15) FWSp. Prerequisite, PSY 593.D, PSY 593.E and permission of department chair. Full-time internship placement in a Mental Health Center or Psychiatric Hospital. Grade will be S or U.

Safety Education

SED 180. Principles of Accident Prevention (3) FSpSu. The underlying principles and theories of accident causation and prevention. Impact of accident on society today, psychological factors related to accidents, legal requirements, accident prevention in business and industry, the schools and community.

SED 382. Driver Task Analysis (3) FSu. Prerequisite, SED 180. Introduction to traffic safety education, the highway transportation system, driver task analysis, classroom instruction techniques.

SED 481. Teaching Traffic Safety Education: Classroom and Simulation Instruction (3) WSu. Prerequisite, SED 382 or permission of instructor. Methods, materials and techniques for teaching classroom and simulation. Experience in teaching beginning drivers.

SED 482. Teaching Traffic Safety Education: In Car (3) SpSu. Prerequisite, SED 382 or permission of instructor. Methods, materials and techniques for teaching in dual-control vehicles. Experience teaching beginning drivers.

Science Education

SCED 322. Science Education in the Elementary School (3) FWSp. Techniques, selection of materials and appropriate subject matter for the various grade levels. Demonstrations and laboratory activities for use in classroom science teaching.

SCED 420. Inquiry Activities for Elementary School Science (3). Prerequisite, SCED 322. An inquiry-based course which approaches science teaching from the standpoint of the processes of science and their utilization.

Social Science

SOSC 420. Methods and Materials in the Social Sciences -Elementary (3) FWSp.

Sociology

SOC 265. Minority Groups (5). Racial, religious, ethnic, and other minority groups as subcultural solutions to human problems.

SOC 325. Aging (3-5). Problems and advantages of growing old in society; post-parental families, retirement, the economics of pensions, importance of interaction in old age, residential facilities, geriatric medicine, and dying.

SOC 346. Criminology (5). A study of the adult criminal, criminal behavior, and criminality in human societies.

SOC 355. Culture and Personality (4). A cross-cultural analysis of personality as a function of cultural organization and transmission. Same as ANTH 355. Students may not receive credit for both.

SOC 525. Society and Education (3). Social and cultural trends that shape education and its future. Student may not receive credit for both SOC 425 and SOC 525.

Spanish

SPAN 151, 152. First Year Spanish (5,5) FWSp. Courses must be taken in sequence. Conversational approach with intensive oral-aural drill. Firm foundation in basic structural principles of the language.

SPAN 360. Spanish Orthography, Grammar and Composition (3). Prerequisite, SPAN 253 or equivalent. Provides the opportunity for native Spanish speakers and others with considerable oral proficiency to improve their ability to spell and to write Spanish, and to increase their knowledge of Spanish structure.

Special Education

SPED 301. Introduction to Exceptional Students (4). A survey of the following handicapped conditions: disadvantaged, orthopedically handicapped, communications disorders, partially sighted, mental and behavioral disorders and gifted. This course will also include programming implications for the exceptional student in the regular classroom.

SPED 302. Pre-school for the Handicapped (4). Prerequisites, SPED 301 and HOFs/ECE 332 or permission of instructor. An overview of services for handicapped children, aged 0-6: enabling legislation, risk factors, educational development, early detection, alternative delivery systems, intervention approaches, physical facilities, and environments. Same as ECE 302. Student may not receive credit for both.

SPED 303. Foundations of Special Education (3). Prerequisite or corequisite, SPED 301. Program development strategies including legal requirements and monitoring practices.

SPED 410. Behavior Management and Precision Teaching for Exceptional Students (3). Prerequisite, SPED 301. Fundamentals of behavioral change related to the education of exceptional students. Monitoring individual student progress and utilizing data collected for program instructional change.

SPED 411. Assessment of Exceptional Students (3). Prerequisite, SPED 303. Selecting, administering, scoring, and interpreting formal assessment tools. Designing and using infor-

mal testing techniques.

SPED 412. Teaching Strategies for Exceptional Students (3). Prerequisite, SPED 412. Individual, small group, and large group teaching strategies essential to individual education programs. Student may not receive credit for both SPED 416 and SPED 412.

SPED 426. The Language Disabled Child (3). An exploration of the language disabled child 0-6 from the perspective of normal language development, assessment strategies, and remedial techniques. This course is recommended for teachers of the mildly and severely handicapped child.

SPED 427. Manual Sign Language I (4). A basic course in manual and simultaneous communication; introduction to 400 conversationally relevant signs through mime, gesture and fingerspelling; background on deaf culture and various U.S. sign systems.

SPED 430. Curriculum and Materials for Exceptional Students (3). Prerequisites, SPED 303, 410, and 411. Selection, development and adaptation of materials and curricula for exceptional students. Student may not receive credit for both SPED 351 and SPED 430.

SPED 431. Program Management for Exceptional Students (3). Classroom management and utilization of computerized instruction. Student may not receive credit for both SPED 421 and SPED 431.

SPED 432. Career Education for Exceptional Students (3). Prerequisite, SPED 430. Career awareness, prevocational, and vocational education. Student may not receive credit for SPED 432 and both SPED 422 and 423.

SPED 512. Educational Rights of the Handicapped (3). Prerequisite, teaching experience or permission of instructor. A review of federal and state legislation and litigation affecting the handicapped. Included are procedures by which legislation can be affected.

SPED 513. Introduction to Mental Retardation (3). Etiology of retardation, unresolved social questions and problems related to training and management.

SPED 520. Introduction to Learning Disabilities (3). Orientation of students to current problems and trends in the field of learning disabilities. Provides background in behavioral management techniques and an overview of elementary screening instruments.

SPED 521. Diagnostic Techniques for the Mildly/Moderately Handicapped (3). Prerequisite, teaching experience or permission of instructor. Interpretation of formal and informal diagnostic instruments, both group and individual will be explored. Instruments pertaining to academic and social behavior and the development of a diagnostic report will be emphasized.

SPED 522. Remediation of Learning Disorders of Mildly/Moderately Handicapped (3). Prerequisite, SPED 521 or permission of instructor. Procedures to implement and evaluate programs and activities to remediate academic and social behaviors will be emphasized.

SPED 523. Curriculum for the Mildly/Moderately Handicapped (3). Focuses on advanced curriculum development including evaluation design and implementation. Correlation between major teaching strategies and learning theories is included.

SPED 533. Education of Disadvantaged Students (3). Teaching experience or permission of instructor. Techniques of teaching and curriculum modification for teaching the disadvantaged. Emphasis on early education as a prevention of failure and compensatory education for later grades.

SPED 567. Introduction to Behavioral Disorders of the Handicapped (3). Teaching experience recommended. Theories and methods in working with the maladjusted child.

SPED 581. Current issues in Special Education (1). May be repeated. Graduate standing required.

SPED 585. Administration and Supervision of Programs for Mildly/Moderately Handicapped (3). Current practices in writing grants, hiring personnel, administering programs and supervising for improvement of curriculum and teaching methods for teachers.

Zoology

ZOOL 270. Human Physiology (5) FWSp. Organ systems of man. Not open to students with credit in **ZOOL 472**; may not be counted towards a major in the Department of Biological Sciences.



STUDENT ACTIVITIES

Mr. John Drinkwater • Director • SUB 214 • (509) 963-1691

University Pre-School/Day Care

Barbara Miller, Coordinator
Brooklane Village Multi-Purpose Room
(509) 963-1744

The CWU Pre-school/Day Care operates Monday

through Friday mornings for children ages 2 through 7 at the Brooklane Village Multipurpose Room, for enrolled students with children. A nutritious snack is provided. Feel free to stop by and observe our pre-school.

UNIVERSITY RECREATION

Mr. Jerry Findley • Director of University Recreation • SUB 212 • (509) 963-3512

Central's recreation program offers many opportunities during summer session to those students, faculty, staff, and members of the Ellensburg community interested in quality recreation experiences.

Tent n' Tube Rental Shop

The rental shop features quality outdoor recreational equipment at low rental rates. Such equipment includes rafts, kayaks, and innertubes—perfect for floating the Yakima River—and tents, packs, and camping gear for enjoying the Kittitas Valley or the majestic Cascade Mountains.

Outdoor Programs

During the summer months the CWU Outdoor Programs provides various recreational outings for your convenience. Programs include guided river trips, special events and outdoor excursions.

Swings n' Things Summer Day Camp

A recreational/educational summer playground

operates Monday through Friday during summer session. Participants enjoy organized indoor and outdoor games, arts and crafts, music, movies, drama, field trips and much more. A nutritious snack is provided.

Leisure Exploration Service (LES)

Leisure exploration service is a computerized recreation/leisure referral service that helps the individual discover new options and alternatives for their leisure.

LES offers a variety of information at no cost, in regard to current leisure activities, programs, events, and facilities in Ellensburg and the Kittitas Valley.

Nicholson Pavilion/Co-Recreation

The swimming pool, main gym, field house, weight room, racquetball courts, outdoor playing fields, track and tennis courts are available for informal use Monday through Friday.

SUB SERVICES

Karen Moawad • Director • SUB 102 • (509) 963-1511

Samuelson Union Building

The Samuelson Union Building is the community center of the University for all members of the college families – students, faculty, administration,

alumni and guests.

SUB Food Services

7:00 a.m. to 3:00 p.m., Monday - Friday

Dan Layman, Manager, 963-3451

- Weekly breakfast specials
- Daily luncheon specials
- Freshly baked cinnamon rolls each day
- Deli Section (sandwiches build to order)
- Salad Bar
- Cookies and other sweets
- Homemade soups and chili, clam chowder on Fridays
- Delicious milk shakes
- Burgers

The Games Room

9:00 a.m. - 4:30 p.m., Monday - Friday 963-3315

Billiards, pinball, air hockey, ping pong, foosball,



SUMMER REPERTORY THEATRE

Jim Hawkins • Casting Director • McConnell 102 • (509) 963-3400

video games, checkers, chess, television, cards tournaments, dances, etc. Popcorn, candy, pop, coffee and other assorted snacks are available.

Other Programs and Services Available In The SUB

- Associated Students of Central, Room 106, 963-1693
- Information Booth, Main Lobby area, 963-3488
- Vice President of Student Affairs, (SW corner) 963-1515
- Academic Advisement (SW corner) 963-3409
- Scheduling Center, Room 102, 963-1321
- Student Activities, Room 214, 963-1691

Four plays are presented in repertory from July 5 through August 19:

Opening the 1990 season will be the funny STEEL MAGNOLIAS, a story of life in a small southern town as seen through the eyes of the patrons of a beauty shop. Also playing in the 1990 season will be THREADS, A WOMAN IN MIND and the farce HOUSE OF BLUE LEAVES.

Outstanding professional talent from the Northwest is recruited to design, direct and perform the plays. Several roles and crew positions are open to summer school students. Walk-in volunteers are welcome in all areas of the theatre. Performances take place in the air-conditioned Tower Theatre in McConnell Auditorium.

Central Washington University considers its integral participation in the Laughing Horse Summer Theatre part of its mission of public service to the citizens of Washington. The first two seasons of Central Washington's only professional Summer Theatre were completely supported by the

University and produced by the Department of Drama. Since its reorganization in 1983 as Laughing Horse Summer Theatre the theatre has been a community/university partnership.

The 1990 Season will again be headed by CWU Alum and local businessman Larry Sharpe as general manager and CWU drama professor Jim Hawkins as co-artistic director along with George Meshke of Yakima Valley College.

Season tickets are on sale at Shapiro's in the Plaza, and Downtown Pharmacy.

For more information send inquiries to: LHST, Box 1412, Ellensburg, Washington 98926.



SENIOR PROGRAMS • Elderhostel • Senior Ventures

Mr. John Bull • Coordinator • Barge 301 • (509) 963-1526

Extended University Programs, Office of Non-Credit Programs offers a range of programming for retired adults and senior citizens throughout the year. These programs fall into two major categories: Elderhostel and Senior Ventures.

Elderhostel programs are offered during the academic year and include one-week or two-week non-credit courses. These programs are elements of the National program featuring classes that require no examinations or homework. Learning is designed to expand the mental horizons and to be enjoyed. Programs begin on Sunday evening and close on Saturday morning.

Senior Ventures programs provide enhanced opportunities for retired adults to participate in a variety of academic classes, recreational activities and optional tours in the beautiful Northwest.

Senior Ventures programs are planned for the summer months and find a variety of subjects and activities to choose from. Housing options include a fully furnished apartment or a residence hall suite. You may also select a dining plan to suit you.

Whether you finished grade school or earned a Ph.D., if you have an ADVENTURESOME SPIRIT and OPEN MIND then you are perfect for SENIOR PROGRAMS AT CENTRAL.

For Information Contact the Office of Non-Credit Programs, Central Washington University, Ellensburg, WA 98926 or you may call (509) 963-1504 or 800-752-4380. In either instance the University will forward a brochure presenting senior programs to you.

ACADEMIC BUILDINGS

1. BLACK HALL, C-4
2. DEAN SCIENCE BUILDING, B-3
3. HEBELER COMPUTER CENTER, B-4
4. HERTZ MUSIC HALL, B-4
5. HOGUE TECHNOLOGY BUILDING, D-2
6. ANTHROPOLOGY-SOCIOLOGY BUILDING, B-3
7. LANGUAGE & LITERATURE BUILDING, C-3
8. LIBRARY, B-3
9. LIND HALL, C-5
10. MCCONNELL AUDITORIUM, B-5
11. MICHAELSEN HALL, C-2
12. NICHOLSON PAVILION, C-2
13. PALEONTOLOGY LAB, B-3
14. PETERSON HALL, B-1
15. PSYCHOLOGY BUILDING, B-2
16. RANDALL HALL, C-2
17. RECREATION BUILDING, D-2
18. SHAW-SMYSER HALL, B-5
19. STADIUM, C-1
20. TOWER THEATER, B-4

NEW ADDITIONS

68. THE PHYSICAL EDUCATION BUILDING, C-2
69. POWER TECHNOLOGY, E-2
70. SWIMMING POOL

ADMINISTRATIVE, PHYSICAL & FOOD SERVICES

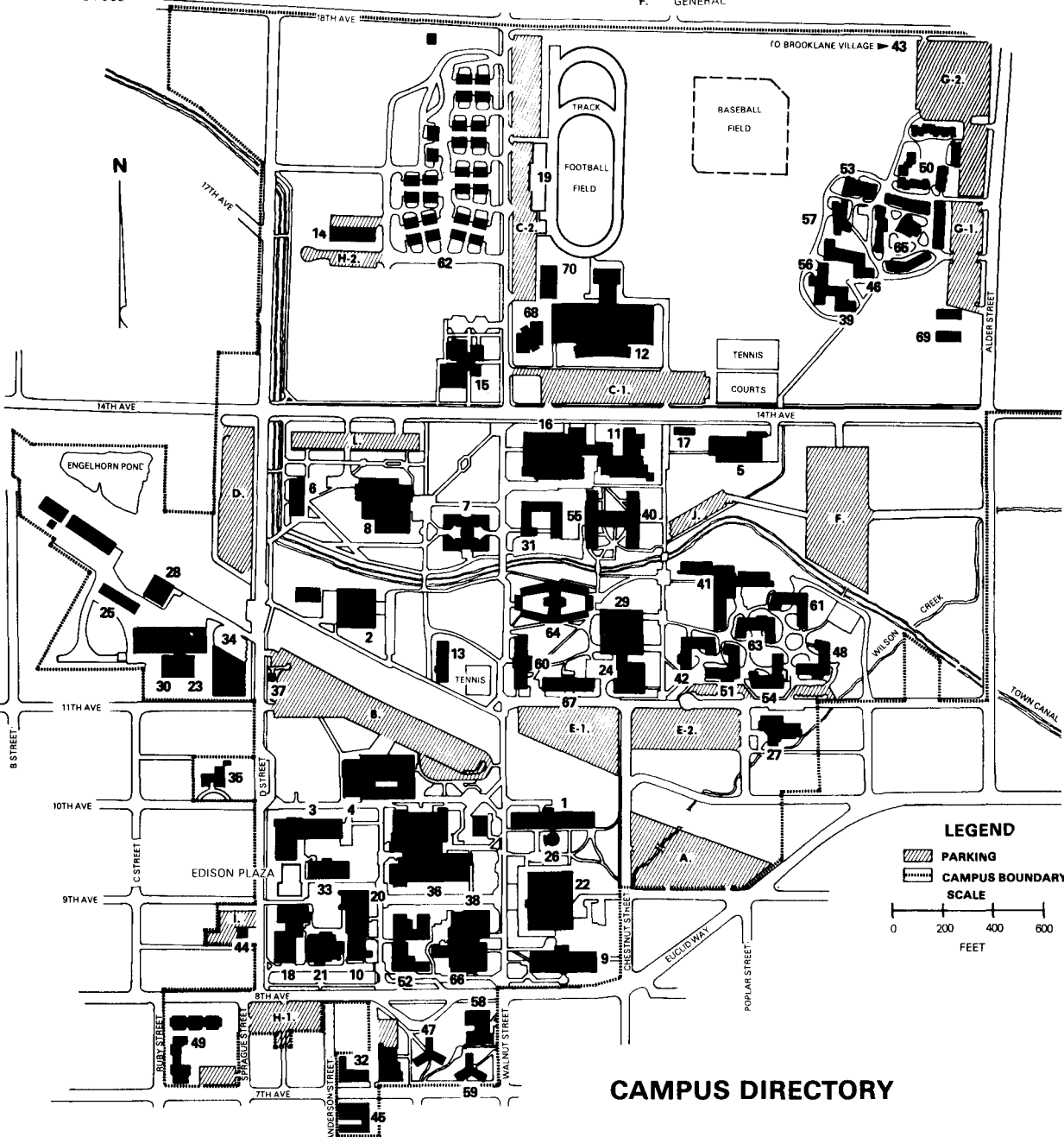
21. BARGE HALL, B-5
22. BOUILLON HALL, C-4
23. CAMPUS SECURITY, A-3
24. FOOD FACILITIES WAREHOUSE, C-3
25. GROUNDS SHOP, A-3
26. GRUPE CONFERENCE CENTER, C-4
27. HEALTH CENTER, D-4
28. HEATING AND COOLING PLANT, A-3
29. HOLMES DINING HALL, C-3
30. JONGEWARD PLANT SERVICES, A-3
31. SPECIAL SERVICES BUILDING, C-3
32. MAIL AND DUPLICATING CENTER, B-5
33. MITCHELL HALL, B-4
34. PHYSICAL PLANT WAREHOUSE, A-3
35. PRESIDENT'S HOUSE, A-4
36. SAMUELSON UNION BUILDING, B-4
37. TELECOMMUNICATIONS CENTER, B-3
38. TUNSTALL COMMONS DINING HALL, C-5

RESIDENTIAL HALLS & APARTMENTS

39. ALFORD HALL, D-2
40. ANDERSON HALL, C-3
41. BARTO HALL, D-3
42. BECK HALL, D-3
43. BROOKLANE VILLAGE (APTS.), E-1
44. BUTTONS (APTS.), A-5
45. CAMPUS COURTS (APTS.), B-5
46. CARMODY HALL, D-1
47. COURSON HALL, B-5
48. DAVIES HALL, D-3
49. GETZ-SHORT (APTS.), A-5
50. GREEN HALL, E-1
51. HITCHCOCK HALL, D-3
52. KAMOLA HALL, B-5
53. KENNEDY HALL, D-1
54. MEISNER HALL, D-3
55. MOORE HALL, C-3
56. MONTGOMERY HALL, D-1
57. MUNRO HALL, D-1
58. MUNSON HALL, C-5
59. MUZZALL HALL, C-5
60. NORTH HALL, C-3
61. QUIGLEY HALL, D-3
62. ROY P. WAHLE (APTS.), B-1
63. SPARKS HALL, D-3
64. STEPHENS-WHITNEY, C-3
65. STUDENT VILLAGE (APTS.), E-1
66. SUE LOMBARD HALL, C-5
67. WILSON HALL, C-3

PARKING AREAS (PERMITS AVAILABLE AT CAMPUS SECURITY)

- | | |
|--------------|---------------------------------|
| A. GENERAL | G-1. STUDENT VILLAGE PARKING |
| B. GENERAL | G-2. STUDENT VILLAGE PARKING |
| C-1. GENERAL | H-1. FACULTY/STAFF |
| C-2. GENERAL | H-2. RESERVED FOR PETERSON HALL |
| D. GENERAL | I. FACULTY/STAFF |
| E-1. GENERAL | J. RESERVED FOR ANDERSON APTS. |
| E-2. GENERAL | L. GENERAL |
| F. GENERAL | |



CAMPUS DIRECTORY

A

B

C

D

E

For Official Use Only

☐ Mail
☐ Phone
☐ In Person

Central Washington University SUMMER REGISTRATION FORM

DATE _____

Fill out each portion of this form and return to:
 Central Washington University
 Registrars Office
 Ellensburg, WA 98926

NOTE: Preregistration form must be postmarked on or before June 1, to guarantee immediate action

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Social Security Number

Name Last First Middle Former Name

Ellensburg Address No & Street City State Zip Phone

Permanent Address No & Street City State Zip Phone

| | | |
|---|--|---|
| Washington Resident? <input type="checkbox"/> Yes <input type="checkbox"/> No Length of Residence _____ Date of Birth _____ Sex <input type="checkbox"/> Male <input type="checkbox"/> Female | PRESENT CLASS STANDING | |
| | Undergraduate <input type="checkbox"/> Freshman <input type="checkbox"/> Sophomore <input type="checkbox"/> Junior <input type="checkbox"/> Senior <input type="checkbox"/> Non-Matriculant/Special • | Graduate <input type="checkbox"/> Second B.A. <input type="checkbox"/> Fifth Year Cert., (at CWU) <input type="checkbox"/> Other <input type="checkbox"/> Master Candidate (at CWU) <input type="checkbox"/> Non-Matriculant/Special • • Not seeking degree or certification at CWU |

| | |
|---|---|
| Check the appropriate box(es) <input type="checkbox"/> First CWU Registration (see Admissions) <input type="checkbox"/> Continuing from Spring Quarter _____ year <input type="checkbox"/> Returning after an absence: last quarter, year attended _____ | Ethnic Origin (required for state and federal statistics; requested on a voluntary basis and will remain confidential) <input type="checkbox"/> American Indian or Alaskan Native <input type="checkbox"/> Asian or Pacific Islander <input type="checkbox"/> Hispanic <input type="checkbox"/> White (not of Hispanic origin) <input type="checkbox"/> Black (not of Hispanic origin) <input type="checkbox"/> Other |
|---|---|

Methods of Payment (check one) ☐ Cash ☐ Check ☐ Credit Card
 Expiration Date _____ Account No _____
 If credit card, supply the following information:
☐ VISA ☐ MASTERCARD
 Amount of Payment _____ Signature _____

•• Refer to Course ID in Class Schedule for correct Course and Section numbers (must be filled in)

| Dept | Course No | Section No | Credits | GRADE OPTIONS | | | | SESSION | | | | | Instructor Signature |
|------|-----------|------------|---------|---------------|-------------------|--------|-------|---------|--------|--------|------|----------|----------------------|
| | | | | Grade | Credit/Non Credit | Repeat | Audit | First | Second | 6-week | Full | Workshop | |
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ALTERNATE COURSES

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TOTAL CREDITS _____ APPROVAL FOR OVERLOAD _____

REGISTRATION FEE \$40.00 (AMOUNT ENCLOSED) _____

I understand that submission of this registration form obligates me for payment of all tuition and fees. If not paid by the due date, I will be liable for a \$15 late fee and for any other reasonable collection costs and charges.

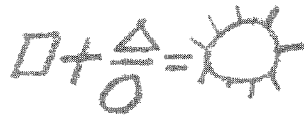
Students Signature _____ Date _____

BE SURE ALL INFORMATION IS FILLED OUT CORRECTLY OR YOUR PREREGISTRATION CANNOT BE PROCESSED!!!

PLACE
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Housing Office
Central Washington University
Ellensburg, Washington 98926

CUT



1990 SUMMER SESSION

Central Washington University

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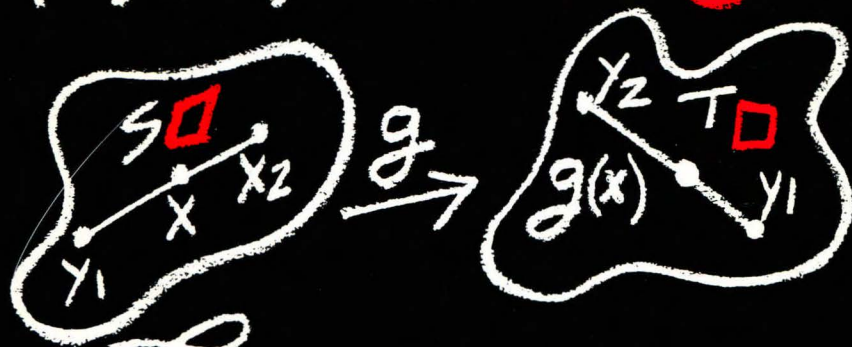
$$\Delta + \sum_{\substack{n=\square \\ C=C_2}}^{\infty} \frac{(-1)^n z^{2n-1} X^{2\Delta}}{(2n)!} = Ed^2 \gamma \quad |\square - \Delta| \leq$$

$u \rightarrow$
 $W(x,y,z)$
 $U=U,$

$$\Delta z = \frac{dz}{dx} \Delta x + \frac{dz}{dy} \Delta y \quad \forall(x,y)$$

$$CWU \approx CWU(s/2) = -\frac{2\Delta}{\pi} \rightarrow K(CWU(s/2))$$

$$v(I) \approx v(m) \Delta a \exists g v \rightarrow i \rightarrow n/p$$



$$\frac{\square}{\Delta} = \begin{pmatrix} \Delta_1' & \Delta_1 \\ \Delta_2' & \Delta_2 \\ \vdots & \vdots \\ \Delta_m' & \Delta_m \end{pmatrix}$$

$$\Delta E \cap I \Delta \odot (\alpha_1) \rightarrow 0 (< \Delta < \beta, \exists n$$

$$\frac{n}{1+\Delta^2 x^2} \leq \frac{0}{\Delta x} \leq \frac{\square}{nK} \quad \forall x \geq \Delta, \quad \int_a^b f(x)$$

$$\Delta = 6\square + 0 \& 0 \leq v < \Delta \quad N_n\left(\frac{\Delta}{\square}\right) =$$