

"We are pleased to present the schedule for our 74th Summer Session. It is built to accommodate the individual needs of many kinds of students: those continuing from the regular years, those starting on continuing summer graduate programs, those wanting to update their knowledge orskills, and those who want to continue to learn for sheer joy. We hope the variety of courses and workshops and the variations in their length will meet your own needs and schedule.

When you come to the University of Northern Colorado, we also hope you find what we try to deliver -- excellence in teaching in an atmosphere of human warmth and concern and, of course, the climate of a Colorado summer."

## Richard R. Bond <br> President

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## Contents

## June

|  |  |  |  | 1 | 2 | 3 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 25 | 26 | 27 | 28 | 29 | 30 |  |

## July

| 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| 30 | 31 |  |  |  |  |  |

## August

|  |  | 1 | 2 | 3 | 4 | 5 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| 27 | 28 | 29 | 30 | 31 |  |  |

## September

| 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 |

22 Pre-Session

Regular Session

Interim Session
1

Admissions

6 Financial Information

## Housing

## Registration

Regular Session

19 Interim Session

21 Schedule of Classes

## Summer Directory

## To Obtain

Registration Materials

## Photographs from:

H. Rosentrater Collection
University of Northem Colorado
Works Progress Administration


What's old at the University of Northern Colorado Summer Session? It's the surroundings of spectacular scenery from the Pawnee National Grasslands to the Rocky Mountains...the program of nationally know artists and guest speakers...the Little Theatre of the Rockies in its 42 nd season...the outdoor concerts from the bandshell on the green... the travel-study tours as far away as Iceland...the outstanding regular and guest faculty....and the educational opportunities for students of all ages.

What's new is the ever-changing variety of special courses and workshops. And their format developed over only the last two years from which you can choose coursework in short-term concentrated form or over the regular-length session. For example, you can select courses from any or all of these sessions:

Pre-session: June 12-16. Ten week courses also begin this week.

Regular session: June 19 - August 11. Interim session: August 21- September 15.

For your convenience, all courses are listed in thisBulletin with beginning and ending dates. And a Special Course section is divided into three parts: Pre-session, Regular and Interim. However, you are reminded to consult your adviser to make sure your selections are applicable to your specific degree requirements.

## The University

The University of Northern Colorado, granted university status in 1970 in recognition of its extensive graduate and undergraduate programs, was established in 1889 as a state normal school and named the Colorado State College of Education in 1935. It is a member of and accredited by the North Central Association of Colleges and Secondary Schools.

The university has 243 acres divided into three main parts. The East Campus with
housing units and Jackson athletic field; the Central Campus with classroom and administration buildings and faculty housing, and the new Darrell Holmes Campus with its James A. Michener Library, other classroom buildings and dormitories. Campus facilities include a laboratory school, off-campus instruction program, educational resources and instructional materials centers, FM radio station, bureau of research, placement, health and counseling services, alumni association and Butler-Hancock Hall, the new health, physical education and recreation building.

## Laboratory School

Many educational opportunities are available for children too. Morning classes are planned by the Laboratory School (kindergarten and grades one through six), and the Special Education School. Summer sessions are planned for grades two through twelve by Greeley School District Six. More information on these programs may be obtained by calling the Laboratory School at 351-2116 or School District Six at 352-1543.

## Greeley

Greeley, a growing city of 60,000 and the county seat of agricultural Weld County, is located 30 miles east of the picturesque Rocky Mountain Range and 52 miles north of Denver, the state capital. Founded in 1870 by Horace Greeley and originally known as the Union Colony, the city today boasts wide, tree-lined streets and avenues, numbered for easy reference.

Greeley's cultural and recreational opportunities include a community college, a city recreation program, twelve parks, three golf courses, two historical museums, two public libraries and the Greeley Philharmonic Society, the oldest symphony orchestra west of the Mississippi River. Shopping areas include the Greeley Mall, a modern, full-carpeted shopping center south of town.


## Special Events

Each summer the School of Music and the Little Theatre of the Rockies present a season of concerts, drama, musical theatre and opera.

The Summer Symphonic Band again will present a series of concerts under the stars in the Garden Theatre, and the Summer Orchestra and Choir will perform symphonic and choral music of the masters. The Little Theatre of the Rockies will produce four dramas and join with the School of Music for the presentation of an opera and a Broadway musical. Professional artists will join with university faculty and students to cast these works.


Penelope Daner, a soprano who has sung with numerous opera companies throughout the United States, appeared in the role of "Desdemona" in the 1977 summer production of Verdi's Othello.

Bus Stop was one feature of the 1977 season of Little Theatre of the Rockies.



## University Programs

## Undergraduate

The Academic Program at UNC is organized into three colleges and seven schools:

College of Arts and Sciences
College of Education
College of Performing
and Visual Arts
School of Business
School of Educational Change
and Development
School of Health, Physical
Education and Recreation
School of Industrial
Technology and
Home Economics
School of Music
School of Nursing
School of Special Education
and Rehabilitation

Programs are offered in the following: Arts and Sciences, Teaching Professions and Applied and Professional Studies.

Three undergraduate degrees are available: B.A., bachelor of arts; B.S., bachelor of science; and B.M., bachelor of music.

Majors are offered in the teaching profession by numerous academic departments. Students studying for teacher certification must apply for admission to the Professional Teacher Education Program prior to their junior year.

Courses applicable to pre-law, pre-medicine, pre-denistry, and pre-engineering are designed for students who want to begin their studies at UNC.

Because the university operates on a fourquarter basis, all programs of study are available to the summer student. The four-quarter plan can help a student complete his or her undergraduate requirements for graduation in three years, if he or she elects a program of continuous study.

Please consult the general catalog or your adviser for further program information.

## Graduate

The Graduate School offers advanced programs leading to the master of arts (M.A.), master of music (M.M.), master of music education (M.M.E.), master of science (M.S.), specialist in education (Ed.S.), doctor of arts (D.A.), doctor of education (Ed.D.), doctor of music education (D.M.E.), and doctor of philosophy (Ph.D.) degrees.

Detailed information concerning advanced degrees may be obtained by consulting the 1978-79 Graduate School catalog or by writing to Dr. A. R. Reynolds, Dean of the Graduate School, University of Northern Colorado, Greeley, Colorado 80639.

Course Load and Credit. The normal load for graduate credit applicable to a degree is 15 hours per quarter. Overloads (1619 quarter hours) must be approved by the Dean of the Graduate School. A student may take 16 hours of course work applicable to the degree program or certification during the regular session. If a student attends the presession plus the regular, or the regular session plus the interim session he/she may count 18 hours in the degree program. If the student takes work in all three sessions, he/she may count 20 hours in the degree program.

Master's Degree. The master's degree may be earned in three summer quarters of full-time study. The master's degree is awarded upon completion of a minimum of 45 quarter hours of credit. Candidates must be on campus enrolled as full-time students for two quarters (at least ten weeks attendance and completion of ten quarter hours per quarter; eight weeks attendance and completion of ten quarter hours during the summer quarter) to satisfy the minimum residence requirements.


The master's degree is offered by the following departments or disciplines:
Anthropology*; Biological Science; Botany; Business; Chemistry; Communication; Curriculum and Instruction; Earth Science; Economics*; Educational Administration; Educational Media; Elementary Education; English; Fine Ars; Foreign Languages; Geography*; Gerontology; Health, Physical Education and Recreation; History; Home Economics; Industrial Arts; Mathematics; Music; Physics; Political Science*; Psychology, Counseling and Guidance; Reading; Research and Statistical Methodology; Science Education; Social Science; Sociology*; Special Education; Theatre Arts; and Zoology. (* The departments of Anthropology, Economics, Geography, Political Science, and Sociology offer a Master of Arts degree in Social Science. The student may concentrate on the discipline of his choice.)

Specialist in Education. The Specialist in Education is a one-year program (minimum of 45 quarter hours) beyond the master's degree, if the area of specialization is compatible with the undergraduate and master's major. À student may be admitted to an Ed.S. degree program with only a baccalaureate degree, but his or her program would require a minimum of 90 quarter hours.

The Ed.S. degree program is not necessarily a program of more courses in the same departmental patterns. It can be a multi- or cross-disciplinary program designed to serve the specific educational needs of a professional teacher. Each applicant for admission to the program will be considered on an individual basis in terms of the area in which he or she wishes to specialize. Although the university does not have the facilities, course offerings or staff to support all areas, it is prepared to provide study opportunities in virtually all facets of teaching.

In some disciplines, the Ed.S. course of study is partially or fully prescribed to satisfy certification requirements. Candidates who choose to continue work toward a doctoral degree on completion of the Ed.S. degree may apply for admission to the doctoral program.

Doctor of Arts. A two year program beyond the master's degree, the Doctor of Arts is designed to prepare a student for a lifetime of creative teaching at the junior (community) or senior college level together with a supplementary commitment to research. The Doctor of Arts is offered in the
following disciplines: Biological Sciences, Chemistry, Geography, History, Mathematics, and Music. The university operates four full quarters per year (fall, winter, spring and summer), and each candidate is required to spend three consecutive quarters in residence in full-time study (at least ten weeks attendance and completion of ten quarter hours per quarter; eight weeks attendance and completion of ten quarter hours during the summer quarters). A student must earn a minimum of 72 quarter hours of credit and pass comprehensive examinations. In addition, he or she must write and defend an acceptable dissertation.

Doctor of Education. A two-year program beyond the master's degree, the Doctor of Education requires course work and research of a professional nature. The university operates four full quarters per year (fall, winter, spring and summer), and each candidate is required to spend three consecutive quarters in residence in full-time study (at leastten weeks attendance and completion of ten quarter hours per quarter; eight weeks attendance and completion of ten quarter hours during the summer quarter). A student must earn a minimum of 72 quarter hours of credit and pass comprehensive examinations. In addition, he or she must write and defend an acceptable dissertation.

Doctor of Philosophy. A two-year program beyond the master's degree or a threeyear program beyond the baccalaureate degree, the Doctor of Philosophy requires course work and research to prepare graduate students for creative and meaningful teaching at the college level in either College Student Personnel Administration or Research and Statistical Methodology.


## Study - Travel

Iceland. A study tour will be conducted by land and air to view and investigate features of exceptional geological interest. Classic areas of glaciation, volcanism, and rifting will be examined in this country which is located astride the Mid-Atlantic Ridge. The course will include field studies as well as classroom lectures and seminar discussions.

Tour dates are July 20 - August 10. UNC credit is ten quarter hours, graduate or undergraduate, for GEOL 597, Geology of Iceland. Prerequisite is one introductory geology course. Approximate cost is $\$ 2,100$ and includes all tour expenses and tuition.

Additional information and an application form may be obtained by writing to: Dr. K. Lee Shropshire, Department of Earth Sciences, University of Northern Colorado, Greeley, Colorado 80639. Application must be made through Dr. Shropshire before April 15. Phone: 351-2285.

St. Croix, Virgin Islands. A study tour of Caribbean coral reefs will be held at the West Indies laboratory on the Island of St. Croix from June 10-17, 1978. Biological, geological, chemical and physical aspects will be presented with emphasis on field and laboratory observations. Scuba diving will be available, but not required of participants. No prerequisites are required, but some background in geology and biology would be useful.
UNC credit is three quarter hours, graduate or undergraduate, for GEOL 599, Coral Reefs. Approximate cost is $\$ 250$ plus air travel and tuition.

Additional information and an application form may be obtained by writing to: Dr. Richard A. Slater, Department of Earth Sciences, University of Northern Colorado, Greeley, Colorado 80639. Applications must be made through Dr. Slater before March 15. Phone: 351-2647.

East-Central Europe. The Department of Political Science will offer a study-travel in the East-Central European nations of East Germany, Poland, Hungary, Yugoslavia, Czechoslovakia and Austria. The purpose is to familiarize students with the social, political and geographic environment. Twelve hours of credit are offered through PSCI ID 508. Three weeks of preliminary study either on campus or by correspondence will be followed by the travel section of the program

July 24 - August 19. Estimated cost is $\$ 2100$. Application deadline is March 1, 1978. For further information contact: Dr. Richard Perchlik, Political Science Department, University of Northern Colorado, Greeley, CO 80639. Phone: 351-2058.

UNC's $\mathbf{1 , 3 0 0}$ Kilometre "Louis and Clark" 1978 Expedition. This unique ten quarter-hour class involves a $1,300 \mathrm{~km}$ ( $800+$ miles) canoe trip retracing a portion of the famous Louis and Clark expedition of 1804-1806. After orientation at the University, the actual river trip will begin at Sioux City, Iowa, and follow the Missouri River eventually ending at St. Louis, Missouri (Gateway Arch) on the Mississippi River. In the 30 -day trip the students will participate in the arts of canoeing and camping as well as studies of flora, fauna, water analysis, historic sites, photography and ecological relationships of life along the river bottom. Individual projects will be coordinated with the trip schedule to allow ample time for instruction, studies, historic site visitation, canoeing, camping and relaxing. Each student will be required to keep a daily river $\log$ and record of work done as well as to select additional projects in individual academic areas of interest. These projects will be presented to the instructor and evaluated upon returning to the campus. Dates are June 19 - July 19 for ID 508 "Louis and Clark" 1978 Expedition. Cost of $\$ 950$ includes tuition and fees. For further information contact: Dr. James H. Dech, Director, Science Math Council, University of Northern Colorado. Greeley, CO 80639. Phone: 351-1449.

Mexico - Guatemala. Study-travel course designed to survey as many of the major ecological communities of Mexico and Guatemala, natural and human, as can be encountered in ten weeks. The most effective way to achieve this goal is to become immersed in the environment being studied. Travel will be by car, over the 9,000-mile-route; camping wherever possible. All participants will be expected to contribute their efforts to the daily tasks of setting camp, cooking, cleaning, packing, etc.

Emphasis will be on field examination of the major ecosystems. Biological communities from deserts to rainforests, from 17,000 foot mountains to barrier reefs will be encountered. Human ecology of both modern and primitive cultures will be stressed. Modern cultures of Mexico City and Guatemala City, ancient ruins of Toltec-Aztec and Mayan cultures and the Indians of the Guatemalan highlands will be visited.

Campus study portion will be June 12-23 and August 16 - 20 . Field tour will be June 26 August 13 . UNC credit will be thirteen quarter hours for BIO 480 Topics in Field Biology; Tropical Environments of Mexico and Guatemala. Course will cost $\$ 675$, which does not include tuition which is $\$ 286$ as offered through the Center for Non-
Traditional and Outreach Education. Enrollment is limited to 15 participants.

Applications must be-accompanied by a $\$ 100$ deposit ( $\$ 50$ refundable by May 1) due by April 1, 1978. All applications subject to

review before acceptance. For further information, write or call: William E. Harmon, Associate Professor of Botany, Department of Biological Sciences, University of Northern Colorado. Phone: 351-2515.

## London, Paris, Madrid: Individual

 Studies. This study-travel tour from May 29June 18 will provide students an opportunity to explore international perspectives on theatre for youth and children, theatre in education, performing arts for children and youth, international youth movements in the arts, and child development and status of the child in other cultures.The course will provide students an opportunity to become involved in ASSITEJ (Fr. abbr.; International Association of Theatre for YoungPeople and Children). This association is composed of over 40 free and Iron Curtain countries from around the world. The Sixth International Congress of ASSITEJ, to be held in Madrid, Spain, will bring together delegations from most of the member countries, and most member countries also will send performing companies re presenting the quality of Children's Theatre in each of their countries. The performers, amateurs, students, teachers, and others in attendance create an international exchange that is unlimited in potential.

Four-quarter hours of credit will be offered. There will be no tests. Travel, play-going, play evaluation, research, and theatre in education workshops will be the basic modes of learning, plus group discussion daily. A typewritten paper will be required and the topic must be agreed upon before departure. The topic must be related to the objectives of the course.

Cost for THEA 422/622 is $\$ 990$ plus 2 meals and incidentals. For more information contact Xan Johnson. Theatre Arts Department. Phone: 351-2319.

Food, Culture, and Health Around the Mediterranean. The Countries to be visited are Greece, Yugoslavia, Italy, and Switzerland. The travel portion of the study program will be from June 17 - July 7 with pre-and post seminars in Greeley. Estimated cost for HEC 393/593 is $\$ 1,804$ including all travel, first class hotels, special meals, all fees for planned activities, transfers, and baggage handling. Six hours credit are offered. Application Deadline is April 1, 1978. Contact: Elisabeth P. Wirick, Crabbe Hall 308, University of Northern Colorado, Greeley, CO 80639. Phone: 351-2085.

British Science Teaching: University of Sussex. Two courses. The first, which has no prerequisite, is designed to acquaint the American teacher with the Nuffield Junior Science, the Schools Council 5/13 Science and other science programs in England's primary and middle schools. Dates are June 22-30 for three graduate credit hours in SCI 508.

Thematic Teachers. From July 3-7 the American teacher can study the concepts behind thematic teaching. Prerequisite is British Science Teaching: University of Sussex. Three graduate credit hours are offered. Deadline for both course applications is May 26 , and cost for both is approximately $\$ 1,012$. Apply to James H. Dech, ScienceMath Council, UNC. Phone: 351-2449.

## Western Colorado-Eastern Utah:

 Six-day Geology Field Trip by Canoe. This GEOL 599 course is to explore landforms and rock strata along the Gunnison and Colorado Rivers. Erosional and depositional processes will be studied, and the geological history of the area interpreted from rock layers seen enroute. Cost is approximately $\$ 195$ for the three-quarter hour graduate course from July 31 to August 5. For more information, contact James H. Dech, Science-Math Council, UNC.Phone: 351-2449.

## Central American Field Study.

Panama, Costa Rica, El Salvador and Guatemala will be featured in GEOG 392/592 from June 12 to 29. Study topics: national-cultural personalities, the economies, and the panama canal issue. Field sites will include the Canal Zone, San Blas Islands (Cuna Indians), Costa Rican highland coffee plantations and lowland banana plantations, major volcano (Irazu) in El Salvador and its capital San Salvador for an urban denisty study, overland trip to Guatemala to view earthquake reconstruction, the Indian market at Chichicastenango and the highland volcanic zone. Undergraduates will take written exams, and graduates will write papers. Three days will be spent on campus and 15 abroad. Cost is approximately $\$ 1,180$. Apply to Charles O Collins, Geography Department, by March 31. Phone: 351-2342.


## Admissions

Students applying for admission to the University of Northern Colorado for the summer quarter should complete and return the form on page 71. Additional information required as part of application for admission depends upon the status of the student as defined below. Inquiries concerning the graduate program or graduate admissions should be directed to the Dean of the Graduate School. Undergraduates should contact the Director of Admissions for application forms. The application for the baccalaureate and master's degrees and the graduate student certification program must be accompanied by a $\$ 10.00$ transcript evaluation fee.

## Graduate Students

The university requires that the Graduate Re cord Examination Aptitude Test scores accompany the doctoral application. If a student's score is below the minimum acceptable score in the Aptitude Test, he will be denied admission to the doctoral program. Students seeking a graduate degree from the University of Northern Colorado may transfer eight quarter hours toward a master's or Specialist in Education degree and twelve quarter hours toward a doctoral degree. If the
work is acceptable to all members of the Oral Comprehensive Examination Committee, a doctoral student may transfer an additional 23 quarter hours of work.

## Transfer Students

The University accepts a maximum of 135 quarter hours of transfer credits on undergraduate programs. Credits earned at a junior or community college after completion of the sophomore year, or beyond 96 quarter hours will not be transferable. All degree-seeking students must submit an official application for admission, a transcript of high school studies, two transcripts of previous college work and a health report. Application forms may be obtained by writing to the Director of Admissions.

## Freshmen

Students who are entering college for the first time should write to the Director of Admissions for information and application forms. To be eligible to apply for admission, students must graduate in the upper one-half of their class or have scores on the American College Test which are at or above national averages. Other minimal admission standards are defined in the undergraduate catalog.

## Special Students

An undergraduate student planning to attend the University of Northern Colorado for the Summer Quarter only must return the appropriate forms on page 70 and 71. Attendance for the summer quarter does not assure admission for subsequent quarters. Official application for admission must be made if the student plans to continue his degree program at the University of Northern Colorado.


## Financial Information

## Tuition and Fees

All rates quoted are those estimated for Summer session 1978 and are subject to the
provision that the University reserves the right to change tuition, fees, and other charges without notice. As with all statesupported institutions, the rates are affected by legislative action which may not be completed untillate spring of any given year. The reader should note the The State of Colorado is considering a uniform hourly tuition assessment policy which, if put into practice in the Summer of 1978, might result in a per credit-hour tuition charge which would differ from the estimated amount shown below.

## Be sure to check for revised informa-

tion concerning tuition and fees prior to registration either by writing to the Office of Public Services or by contacting the Office of Administrative Services at (303) 351-2208.

Tuition per Credit-Hour

| Credit-hours | Colorado <br> Residents | Non- <br> Residents |
| :--- | :--- | :--- |
| Six or less | $\$ 22.00$ | $\$ 88.00$ |
| Full-time $(7-18)$ | $\$ 153.00$ | $\$ 612.00$ |
| Each credit-hour |  |  |
| above 18 | $\$ 10.00$ | $\$ 40.00$ |
|  |  |  |
| University, Student, Health Fees |  |  |
| Credit-hours | Resident and Non-Resident |  |
| Six or less | $\$ 3.00 /$ credit hr. |  |
| Seven or more | $\$ 36.00$ |  |
| CoPIRG (voluntary) | $\$ 1.50$ |  |

## Incidental Fees

## Late Registration Fee

Assessed for registration after scheduled registration time
Assessed for each added day of late registration

Late Fee Payment (based on past due balance)
\$ 10.00 to \$ 99.00 \$ 5.00
100.00 to $299.99 \quad 10.00$
300.00 to 499.99
20.00
500.00 to 699.99
700.00 to 899.99
30.00
40.00
50.00

Late Application for Graduation 10.00

## Transcript Evaluation Fee

For applications for the baccaluareate and master's degree and graduate student certification program

## Change of Program

Assessed for each add-drop slip processed

## Optional Student Health Insurance

Coverage summer quarter only (1978) 22.50
(If a student was not enrolled in the student health insurance program spring quarter, 1978, he or she does not have health insurance coverage for the summer quarter, 1978. This insurance can be obtained only by requesting coverage at registration or at the Student Health Center during the first week of the quarter.)

See the 1978-79 undergraduate or graduate school catalog for other fees which will be applicable in terms of a particular registration.

Tuition and Student Services Fees are incurred during each quarterly registration period and are due and payable at the time shown on the billing which is mailed to the student each quarter. Charges are assessed for the total of partial or full programs whether taken for credit or non-credit.

## Additional Fees

Special Program Fees such as those for bowling, field trips, golf, etc. are billed at cost. Extra charges are incurred for programs leading to the Specialist in Education and doctoral degrees. Consult the 1978-79 undergraduate or graduate school catalog for all itemizations of extra fees and assessments. No graduate phasing fees will be altered or refunded if a registrant fails to pursue his program or for any reason drops out of the course of study into which he has been accepted.

## Scholarships

Nearly all scholarships or waivers of tuition issued apply only to the fall, winter and spring quarters. Holders of special scholarships having questions about their prospective awards should inquire about their status in the respective departments authorized to confirm their award or in the Office of Financial Aids. Phone: 351-3502.

## Resident, Non-resident Status

Determination of status as in-state or out-ofstate for tuition purposes is fixed at admission. Colorado Revised Statutes 1973 as amended fix state regulations which apply at all state institutions of higher education. If a person wishes to have his or her classification changed from out-of-state to in-state for tuition purposes, he or she must petition for
such a change through the Registrar's Office prior to Registration. A person is eligible for in-state tuition only if he as been domiciled in Colorado for the 12 months preceding Registration.

## Refund Policy

To be eligible for a refund of any kind, the student must present a formal, approved Notice of Withdrawal and Program Change Form(s) (drop slip) at the Cashier's Office, Frasier Hall. Forms may be obtained from the Records Office and the Dean of Students Office in Frasier Hall or the Student Services Center at the University Center.

No refunds will be granted for special shortperiod classes (pre-session, Post-Session, Interim Session, or Workshops) after the second meeting of the class.

A withdrawal charge will be assessed for early withdrawal from either the eight- or ten-week session as follows: On programs of six credit hours or less, the student will be assessed a $\$ 15$ withdrawal fee if withdrawal occurs during the first week of the term, $\$ 30$ if withdrawal occurs during the second week, $\$ 45$ if withdrawal occurs during the third week, and $\$ 60$ if withdrawal occurs during the fourth week. If the total tuition and fees are less than the withdrawal fee, the lesser amount will be charged. If the student withdraws after the fourth week of the term, the student will be required to pay the full amount of tuition and student services fees.

On programs of seven or more credit hours, the student will be assessed a $\$ 25$ withdrawal fee if withdrawal occurs during the first week of the term, $\$ 50$ if withdrawal occurs during the second week, $\$ 75$ if withdrawal occurs during the third week, and $\$ 100$ if withdrawal occurs during the fourth week. If the student withdraws after the fourth week of the term, the student will be required to pay the full amount of tuition and student services fees.

Refunds allowed against assessed quarterly board and room charges, apartment rentals, and the Housing Deposit are permitted under the terms of the housing lease. The Housing Office, when consulted at withdrawal, will provide information on the computations applied.

Incidental fees and health insurance are not refunded for any cause at anytime.


Housing

## Single

University housing during the Summer Quarter for single men and women, registered for eight-or ten-week undergraduate or graduate programs, is provided on a room-and-board basis in Harrison Hall. Room and board cost is $\$ 408.00$ per person for the eight-week summer quarter. *

A limited number of air-conditioned single rooms, with optional meal plan participation, will be available in Turner Hall for upperclass and graduate students.

## Family

The University offers furnished, airconditioned apartments in Lawrenson Hall for married couples, (with a limit of two children) who are registered for eight- or tenweek academic programs. The cost is

$\$ 448.00$ per family for the eight-week summer quarter. *

Dining Hall meal service is available on an optional basis for families residing in Lawrenson Hall.
*Rates quoted above are subject to a provision that the University reserves the right to change rates prior to the beginning of any academic quarter.

## Application for Campus Housing

Address correspondence to the Department of University Housing, Gordon Hall, University of Northern Colorado, Greeley, Colorado 80639.

If after applying, the student desires to cancel his application for either single or family housing in the residence halls for summer quarter, he or she should notify the Director of Housing, in writing. The following policy will apply: If cancellation for summer quarter is received on or before May 15, 1978, $\$ 25.00$ will be refunded. There are no refunds for applications made and then cancelled after May 15, 1978.

## Off-Campus

The Off-Campus Renters Information Service located in the University Center, provides bulletin board assistance to students seeking off-campus housing in the Greeley area. Current listings of private rooms,
apartments, houses and mobile homes are posted daily at their office.
Prospective UNC students are welcome to write or call (303/351-2172) for information.

For more information about housing, call 351-2721.
cial Education). If you do not know the name of your adviser, please go to the departmental office of your major. All cards must be completed and the Header-Locator Card must be signed by your adviser before you will be permitted to register.

Unclassified graduate students and those not following a degree program report to Student Council Room, University Center, at Registration. None of the work taken by a graduate student who is enrolled in an unclassified status may be counted in meeting the minimum residence requirements.

A student may register for a class for no credit by paying appropriate tution and fees. No audit or visitors cards are issued -- only "no credit" cards.

## 3. Pick Up Cards

Report to the appropriate department stations in the Ballroom, University Center, to pick up class cards. If you have a schedule conflict, a faculty "trouble shooter" will be available to assist you. If a course is closed for which you are registering, use Second Preference Courses Schedule to make up a complete schedule. Undergraduate students may not enroll for 600-700 level courses, juniors and seniors may enroll in 500-level courses with permission. All courses for which you are registering must show on the Header Locator Card and be initialed by the authorized departmental representative. This is your official study program. Proceed to the checking stations to leave your packet.


19 will be assessed a late registration fee at the rate of $\$ 5.00$ the first day and $\$ 2.00$ each additional day. (See Calendar on Page10 for last day of Registration).

## To Register for Workshops

Registration for one-week classes and workshops beginning during the week of June 12 will be held in the assigned classrooms. Registration for workshops beginning on or after June 19 may be completed at Registration on June 19 or in the assigned classroom on the first day of the particular workshop. Students must register in person at the first class session, if they are not already registered. It is the student's responsibility to learn when his first class meets. Withdrawals from workshops must be made before the workshop is half over.

## To Partially Withdraw

The last day to withdraw from a course is the mid-point of the course. The last date to withdraw from eight- and ten-week courses is July 18, at 12:00 noon. The last date to withdraw from other courses is $3 \mathrm{p} . \mathrm{m}$. of the mid-point day (count class days only) of the course.

## To Completely Withdraw

Students who wish to completely withdraw from school during the quarter must initiate the withdrawal process in the Dean of Students Office in Frasier Hall or the Student Services Center in the University Center. Students who make a complete withdrawal from the University will be charged a withdrawal fee. Please refer to the Refund Policy, page 7 of this Bulletin.

## To Obtain Transcripts

Transcripts for Summer quarter will be available upon request two weeks after the close of the quarter. Transcripts for the Summer interim session will be available upon request two weeks after the close of the interim session.

## Graduation

Graduation is scheduled at 10:00 a.m., Saturday, August 12, in the Garden Theatre.

## 4. Pay Fees

Veterans using the G.I. Bill should report to the Veteran's Administration Office. Students with Financial Aid (Vocational Rehabilitation and all scholarships and grants) report to Office of Financial Aid, Carter Hall, during the week of Registration. Students will be billed for fees and tuition on or about June 30, 1978, at rates per credit-hour as approved at that time and according to their current resident status. Students must present all copies of the bill to the Accounting Office according to their scheduled day as shown on the bill. Payment of the amount due should be made on this day.

A late fee of $\$ 5.00$ the first day and $\$ 2.00$ for each additional day will be charged.

Students registering for 10 -week courses after June 12 or for 8-week courses after June

REGISTER AT
GUNTER HALL. ROOM 107
Monday, June 12, 1978
Ten-week courses only
Students whose surnames begin with:
M - O
Me - Mz
N-O
H - Here
Herf - J
J - Kip
Kiq - Log
Loh - Md

P- Z
W - Wh
Wi - Z
P
Q - R
S Smg
Smh - Sz

## REGISTER AT <br> UNIVERSITY CENTER

Monday, June 19, 1978
Eight-week courses and workshops
Students whose surnames begin with:
H. O

| Me - Mz | $7: 30-7: 55$ |
| :--- | ---: |
| N - O | $7: 55-8: 20$ |
| H - Here | $8: 20-8: 45$ |
| Herf - J | $8: 45-9: 10$ |
| J - Kip | $9: 10-9: 35$ |
| Kig - Log | $9: 35-10: 00$ |
| Loh - Md | $10: 00-10: 25$ |
|  |  |
| P- Z |  |
| W - Wh | $10: 25-10: 50$ |
| Wi - Z | $10: 50-11: 15$ |
| P | $11: 15-11: 40$ |
| Q - R | $11: 40-12: 05$ |
| S - Smg | $12: 05-12: 30$ |
| Smh - Sz | $12: 30-12: 55$ |
| T - V | $12: 55-1: 20$ |


| A-G |  |
| :--- | ---: |
| F-Geg | $1: 20-1: 45$ |
| Geh-Gz | $1: 45-2: 10$ |
| A-Bej | $2: 10-2: 35$ |
| Bek- Brk | $2: 35-3: 00$ |
| Brl-Clg | $3: 00-3: 25$ |
| Clh - Dg | $3: 25-3: 50$ |
| Dh-E | $3: 50-4: 15$ |

Students are encouraged to attend. Those who choose not to participate must notify the Office of the Registrar (Graduate School for graduate students) at least two weeks (July 28) prior to graduation so that appropriate addresses can be confirmed and graduation details can be clarified with Colleges, Schools and Departments. Students who participate in graduation are required to wear appropriate academic costume. Caps and gowns may be rented from the University Bookstore. No applications for graduation will be accepted after June 30, 1978.

## Summer Interim Session Registration

Registration for summer interim session courses will be conducted in the assigned classroom during the first meeting. Students must register in person at the first meeting. Withdrawals from these courses must be made before 3 p.m. of the mid-point day (count class days only) of the course.


## Final Exams

On April 27, 1972, the faculty adopted a calendar that eliminated the three-day final examination schedule. Final examinations will not be scheduled specifically but are to be given at the discretion of the faculty member in accordance with the policy established by his/her school/college. However, classes are expected to meet on all scheduled periods including the last day a class is scheduled in the quarter.

## Summer Calendar 1978

Last day to Request
Registration Materials
May 12
Registration for 10 -week courses ONLY

June 12
Late Fee assessed for registration for 10 -week courses
10 -week classes begin
Last day to register for
10 -week courses ( 3 p.m.)
Registration for 8 -week courses and subsequent workshops
Late Fee assessed for registration of 8 -week courses
8 -week classes begin
Last day for adding 10 -week course
Last day for 8 -week course registration (3 p.m.)
Last day for adding 8 -week courses (3 p.m.)

## after

June 12 June 13

June 16
June 19

## after

June 19
June 20
June 21
June 23

Last day for requesting
defense of doctoral dissertation June 30

* Last day for filing
application for graduation in
Graduate School Office (4 p.m.)

June 30
Independence Day
(holiday) no classes
July 4
If not graduating, last day to request Defense of Dissertation

July 7
Mid-term examinations July 10-14
Last day for withdrawing from
8 - and 10 -week courses
(No tuition refund) ( 12 noon)
July 18
Last day to request Oral
Comprehensive Examination July 18
Last day for defense of Doctoral dissertation
Last day for filing written master of arts and Specialist in Education comprehensive examinations in Graduate School Office

July 25
Last day for filing master's
thesis, Specialist in Education
practicums, and doctoral
dissertations in Graduate
School Office
July 25
Last day for Oral
Comprehensive Examination to be held

July 28
If not graduating, last day for Defense of Dissertation
Last day of 8 -week classes
Commencement (10 a.m.)
Last day of 10 -week classes
$\dagger$ Summer Interim Session
July 21
$\ddagger$ Summer Interim Session ends Sepluber 15
*Late fee will be charged for applying after May 20, 20, 1978.
$\dagger$ Registration for Interim Session courses will be conducted in the assigned classroom during the first meeting.
$\ddagger$ Withdrawals from these courses must be made before 3 p.m. of the mid-point day (count class days only) of the course.


## Special Courses

Complete schedule information concerning the Special Courses listed in the next three sections, Pre-session, Regular Session and Interim Session, can be found in the Schedule of Classes, page 21.

Within each session colleges, then schools are listed alphabetically. Also alphabetical are departments or topics. Within each department, courses are listed chronologically.

Graduate degree residence requirements. Candidates for graduate degrees must satisfactorily complete a minimum of ten weeks attendance and ten quarter hours (eight hours attendance and completion of ten quarter hours during summer quarter) of graduate credit in the campus program to satisfy the residence requirements for that quarter.

No special courses which end later than August 19 may be counted to satisfy degree requirements if the student is graduating summer quarter, 1978. A student who wishes to count a course ending later than August 19 in his degree program must postpone graduation untill fall quarter, 1978, or later.

Honors Program. Students participating in the junior and senior Honors Program may register for Honors 351 and Honors 451 during registration by picking up course cards at the table of the student's major department.


## Pre-Session

## College of Arts and Sciences

Earth Science

Minerals and Rocks
ESCI 504-507

## 8:20-5:25 MTWThF

Workshop dealing with the origin, classification, recognition, and uses of minerals and rocks. Field trips to local collecting areas to provide opportunities for participants to assemble their own collections. 3 credit hours.

## Mathematics

Mathematics Teachers Workshop: Learning Disabilities and Mathematics
MED 577-502
June 12-16
8:20-11:20, 12:20-3:20 MTWThF
Principal resource person Dr. Carole Greenes,
Boston University. To focus on the characteristics of the learning-disabled child and ways to differentiate these children from low achievers and the emotionally disturbed; the relevant mathematics content for learning-disabled children, and examples and strategies for teaching them. S-U grading. 3 hours credit.

## College of Education

## Educational Administration

## Business Management and Declining Resources

EDAD 508-503
June 12-16

## 9-4 MTWThF

Annual workshop jointly sponsored by the Department of Educational Administration and the Rocky Mountain Association of School Business Officials. For more information, write to Dr. Donald Montgomery, McKee 419 , before May 15.3 hours credit.

## Elementary Education and Reading

Bilingual Bicultural Education - School and Community Relations
EDEL 508-502
June 12-16
8:20-11:20, 12:20-3:20 MTWThF
Workshop designed to develop awareness of the importance of parental and community involvement in facilitating learners' successful integration to school environments. Also to acquire skills to facilitate basic contacts and interaction between a learner's family and school personnel. Workshop graded S-U. For additional information write to Mr. Jose Cordova, Director, Bilingual
Bicultural Education. 3 hours credit.

## Educational Media

The Computer in Educational Media, an Introduction

## EDEM 508-501

June 12-16
8-12 (lecture), 1 (lab), MTWThF
With the ever-increasing use of the computer by schools the media specialist should be aware of its
potential for assisting instruction, information retrieval, materials management, and data processing. 2 hours credit.

## Outdoor Education

## Outdoor Education-Environmental Education

OED 308 or OED 508-501 June 12-17
8 am - 9 pm MTWThFS at Wild Basin Lodge, Allenspark, Colorado, (Six-day residential program.)
Off-campus workshop designed to provide an opportunity for teachers, supervisors, coordinators, and administrators to become acquainted with the interdisciplinary approach to outdoor education and environmental education, outdoor adventure education and outdoor recreation. Emphasis placed on initiating outdoor environmental education programs within the framework of existing curriculum and budget. Resource specialists from public schools, colleges and universities, and governmental agencies.

Interested students should make application to Dr. Vincent Cyphers, coordinator, Outdoor Education Program. UNC. Enrollment by application only. (Tuition, meals, lodging and resource materials included in $\$ 125$ charge.) Dr. Vincent Cyphers, and staff to conduct workshop. 3 hours credit IOED 308 for undergraduates; OED 508 for graduates.)

## Psychology, Counseling, and Guidance

## Violence Against Women

PCG 508-502
June 12 - 16
8:20-11:20, 12:20-3:20 MTWThF
Workshop designed primarily for people who are or will be working with women. Participants to explore causes of violence against women, societal conditions, supporting violence, intervention methodologies, and support systems for victims. Topics: humor, pornography, prostitution, rape, battering, incest, violence against women in other societies, and the treatment of victims from medical, law enforcement, legal, social, and psychological perspectives. Instructor: Dr. Elizabeth Rave. The workshop is open to juniors, seniors, and graduate students. Letter grades. 3 hours credit.

## Seminar on Teacher Effectiveness

PCG 508-522 June 12-16

8:20-11:20, 12:20-3:20 MTWThF
Seminar designed for teachers, counselors, administrators, supervisors, and other school personnel who want to learn specific skills required in developing and fostering effective human relationships with students, parents, and colleagues. Skills and approaches which can be
successfully used in classroom management and discipline situations. Class demonstrations of each of the critical skills and an opportunity to try them out in realistic situations. Skills taught experientially. Instructor: Dr. Wendell Osorno. Letter grades. 3 hours credit.

## Individual Tests of Intelligence

POG 673-502
June 12-16
8:20-11:20, 12:20-3:20 MTWThF
Survey covering the history, theoretical background, description, and interpretation of individual tests of intelligence. Primary emphasis on Stanford-Binet Intelligence Scale and the three Wechsler intelligence scales. Brief coverage of other individual intelligence scales. Current issues in test interpretation, the use of tests with ethnic minority group members, and alternatives to testing in the assessment procedure. Course directed toward professionals who work closely with psychologists and psychometrists, whose work involves participation in staffings, reading psychological reports, implementing recommendations of psychologists, and making decisions based upon test results and reported behavior.

Intent is to provide an understanding of the measurement properties of individual intelligence tests and the factors which must be considered in test interpretation; test administration skills will not be taught. Instructor: Dr. Madelyn Case. Letter grades.
3 hours credit.

## Research and Statistical Methodology

## Introduction to Graduate Study and

## Research

RSM 600-502
June 12-16
8:30-11:30, 1-4 MTWThF
Orientation to graduate study in general and nature and methods of research in particular. Emphasis placed on student interests by reading and critiquing of research publications in their academic areas. Required of all first-year graduate students (except for those departments which have substitutes for this course). 3 hours credit.

Introduction to Graduate Study and Research
RSM 600-522
June 12-16
8:30-11:30, 1:00-4:00 MTWThF
See RSM 600-502 for narrative. 3 hours credit.

## Seminar: Linear Models

RSM 641-502
8:30-11:30, 1-4:30 MTWThF
Dr. Joe H. Ward, Jr., Personnel Research Psychologist, Air Force Human Resources Laboratory, Brooks Air Force Base, Texas, and Dr. Earl Jennings, Professor, Department of Educational Psychology, University of Texas at Austin, will teach a five-day course which applies a general linear mathematical model to the formulation and solution of a wide variety of educational research problems. Both have been invited to conduct special pre-session courses for the American Educational Research Association (AERA) the past several years. Of special interest to teachers and/or researchers not only because of 12
content but because of the individualized mode of instruction. Preliminary study of the early chapters of the book entitled Introduction to Linear Models by Joe H. Ward and Earl Jennings facilitate learning progress. 3 hours credit; prerequisite $R S M$ 603 or equivalent.

## School of Special Education and Rehabilitation

## Introduction to the Education of Socially

 and Emotionally Disturbed Children.EDSE 320-502
June 12-16
8:20-4:05 MTWThF
Introduction to concepts, practices, and trends in education for emotionally disturbed and socially maladjusted children and orientation to the dynamics, personality characteristics and needs of these children. 3 hours credit.

## Introduction to Teaching Learning Disabled Children <br> EDSE 326-502 <br> June 12-16 <br> 8:20-4:05 MTWThF <br> Overview of the field of learning disabilities <br> including concepts, practices and trends. 3 hours credit.

## Counseling in Communication Disorders

EDSE 568-502
June 12-16

## 8:20-4:05 MTWThF

Theory and practice of interaction with parents, teachers, and others involved with the speech/language handicapped. Prerequisite, EDSE 464.3 hours credit.

## College of Performing and Visual Arts

## School of Music

## How to Teach Improvisation

MUS 508-502
June 10-11
9-5 Sa, 9-3 S
Two-day workshop seminar for band directors and teachers to explore various aspects of teaching jazz improvisation from grade school through college. Leader: Jamey Aebersold. Cost $\$ 30$ (not including room and board) if taken for no credit; $\$ 30$ plus UNC tuition and fees (not including room and board) if taken for 1 hour credit. S-U grading. 1 hour credit.

Jazz Combo/Improvisation Clinic
MUS 498-506
June 11-16
1-9 SMTWThF; registration Sunday, June 11, 1 pm
Workshop subjects: improvisation (group and individual), theory, arranging, listening sessions, ensemble performance and evening jazz faculty concerts. Some of the leaders: Jamey Aebersold, saxophone; Ed Soph, drums; Rufus Reid, bass; Dan Haerle, piano; Steve Erquiaqa, guitar; Dave Baker, strings and arranging; John McNeil, trumpet; Jerry Cohen, saxaphone; Slide Hampton, trombone; and Dave Lebman, reeds. Cost $\$ 115$ (not including room and board) if taken for no credit; $\$ 115$ plus UNC tuition and fees (not
including room and board) if taken for 2 hours credit. S-U grading. 2 hours credit.

Music Composition Strategies for use with Elementary and Junior High Students
MUS 498-501
June 12-16
8-12 MTWThF
Workshop geared toward music specialists, grades $4-12$. Basic objective to acquaint participants with current instructional strategies that involve youngsters in music learning through musical composition. Strategies and materials to include Manhattanville Music Curriculum Program, current textbook series, and selected contempoary literature. Leader: Elza Daugherty, UNC Music Education faculty. S-U Grading. 2 hours credit.

## Problems of Technique in Piano Playing

## MUS 498-511

June 12-16
8 - 10, 12:30-2:30 MTWThF
Workshop emphasizing technical approaches to the various styles of keyboard writing. Particular problems of each participant to be discussed and evaluated. Workshop leader: Daniel Graham, UNC Piano faculty. 2 hours credit.

## String Class Teaching

MUS 498-502
June 12-16
9-11, 1:30-4:30 MTWThF
Special workshop week of training for string class teaching. How to: select and recruit children who should play a string instrument; teach the heterogeneous string class; establish a successful class teaching routine; organize a course of study for the string class; create a balanced string section for your orchestra within three years. In addition to covering techniques and curriculum development for orchestras at all levels, special sessions on: teaching musicianship, improving intonation, developing tone quality and quantity, and other topics relevant to today's orchestra programs in the public schools. Encourages strongly participation of the non-string player as well as the string major. Each member of the workshop to bring the string instrument he or she wishes to study during the week. All participants required to play the string instrument on which they feel least competent. Main objective of the week will be to cover material from the first lesson through the third year. Limited number of string basses to be provided. Those electing to play the bass will need to bring their own bass bow and bass rosin. Leaders: John V.
Tellaisha, Jacquelyn Dillon and C.B. Kriechbaum, Scherl and Roth Music Company. S-U grading. 2 hours credit.

## Interpretative Problems in Piano Music

## MUS 498-503

June 12-16
10-12; 2:30-4:30 MTWThF
Workshop in which works of representative keyboard composers will be discussed with particular emphasis upon problems of interpretation. Members of the class will be called upon to perform for criticism and suggestions will be offered for improving their performance from the standpoint of stylistic validity. Workshop leader will be Lillian Freundlich of the Peabody Conservatory Piano faculty. S-U grading. 2 hours credit.

## School of Business

## Business

Introduction to Insurance
BUS 240-507
1:40-4:30 MTWThF
Basic principles of insurance and risk. Various kinds of insurance discussed; primary objective is to orient students to the many kinds of insurance and their purposes. 3 hours credit.

Personal Selling
BUS 261-502
June 12-16
8:20-3 MTWThF
Introduction to principles and practices of salesmanship. Attention directed to selling to industrial and institutional purchasing agents, to distributors and to the retail level. Selling demonstrations conducted with emphasis on professional selling as a career. 3 hours credit, prerequisite BUS 260.

## Journalism

Seminar for School Publications Sponsors

## JOUR 505-502

June 12-16

## 9-4 MTWThF

Designed for beginning and experienced advisers of student newspapers. Organization of the newspaper staff, management techniques, and freedom of the high school press to be covered. New ideas and procedures for publishing student newspapers to be presented; students to be issued materials designed to help motivate and organize a student newspaper staff. 3 hours credit.

## Religion Makes News

JOUR 508-513
June 16-17
7-9F; 8-5 Sa
How can you help put your synagogue, church or denomination into the headlines or onto the television screen? How can you as a journalist find and write news of religion? How do top professionals cover religion on the air and in print? Experienced journalists and religious leaders will help you get some practical answers to these practical questions. Among them will be: William A. Reed, Jr., Nashville Tennessean, president of the Religion Newswriters Association; Virginia Culver, religion editor, DenverPost; and others, to be announced. Questions, discussion to be encouraged. 1 hour credit.

## School of Industrial Technology and Home Economics

## Home Economics

Wool: From Fleece to Fabric
HEC 508-502
June 12-16
8:20-12:05; 1:40-4:05 MTWThF; Pre-Tour
Seminar TBA
Workshop designed to make students aware of the processes involved in the creation of a wool fabric through experiential learning activities. Techniques used in producing Rio Grande blankets and Navajo rugs will be explored. 3 hours credit.

## Industrial Arts

## Moped, Care and Maintenance

IA 308/508-502
June 12-16
8-5 MTWThF
A complete moped maintenance course. Principles of systems operation, dismantlement, overhaul procedures, reassembly and calibration. Cooperation with industry in furnishing various moped varieties makes the course applicable to general public education as well as technical teacher preparation. Enrollment limited. For further information, contact Dr. Wendell L. Roy, Department of Industrial Arts and Technology.
3 hours credit.

## School of Health, Physical Education and Recreation

## Athletics

Advanced Coaching for Women in Track
HPER 508-503
June 12-16
9-12,1-3 MTWThF
A coaching workshop dealing with track and field activities geared primarily for women. Instructor: Christy Howard, track coach. 2 hours credit.

## Education for Special Populations

Workshop: PE/REC for Special Populations HPER 508-502

June 12-16
8-12:30, 1 - 4 MWThF
Workshop intended to provide teachers and leaders with skills necessary to adequately plan, implement, and evaluate diagnostic-prescriptive programs for handicapped children. Topics to be addressed include: Activities for the Handicapped Child Placed in the Regular Physical Education Class; Activity Modification; Equipment Adaptation; and, Available Resource Materials. Instructor: Dianne Hurley. 3 hours credit.

## Health Education

## Environmental Health

HPER 550-503
9-12, 1-5 MTWThF
Includes a study of the relationships of environmental problems to man's health and welfare. Source of these problems, their recognition and control, and current research. Instructor: William Parkos. 3 hours credit.

## Interdisciplinary Courses

## Vocational Teacher Education

Study Tour of Colorado Business/Industries (Field Experience Program)
VTE 290-570, VTE 690
June 12-16
Time arranged, MTWThF
Special study tour to provide vocational teachers and counselors opportunity to observe Colorado business/industries in action. Emphasis on (1) necessary entry level skills; (2) opportunity for advancement based upon work experience and
education; (3) trends in future employment; (4) potential working relationship between school and business/industry; (5) business/industrial services provided to the community and the state. Write for additional information to Robert Welch, Gunter 103. Complete advanced registration prior to May 12 ; registration limited to 44.4 hours credit.

## Vocational Student Organizations

VTE 411 and 412, 413, 414, or 415June 12-16 Courses listed are designed to prepare vocational educators to understand the general purposes and functions of all vocational student organizations and to be able to organize or maintain a successful vocational student organization. VTE 411 must be taken by all enrollees concurrently with either VTE $412,413,414$, or 415 . The courses combine for three quarter hours which meet the Colorado vocational credentialing requirement.

## Vocational Student Organizations

VTE 411-502 (1 hour credit) June 13-16 8:20-12:05, 1:25-4:15 M June 12 and 8:2012:05 T June 13

## and

DECA Seminar
VTE 412-506 (2 hours credit) June 13-16 or

## FBLA Seminar

VTE 413-506 (2 hours credit)
June 13-16

## FHA-HERO Seminar

VTE 414-506 (2 hours credit)
June 13-16
VICA/PS HOE ORG Seminar
VTE 415-506 (2 hours credit)
June 13-16
Seminars meet 1:25-4:15, 8:20-12:05,T June
13; 1:25-4:15 W-F June 14-16.

## Graduate Vocational Teacher Education

Curriculum Planning and Evaluation
VTE 623-501
June 12-16
8:30-5 MTWThF
Curriculum Design and Development
VTE 624-501
June 21-23
5.30-9 WThF

Focus is on important curriculum functions: (1)
planning, (2) structuring and designing, (3) developing, (4) implementing, and (5) evaluating. A basic seminar for individuals desiring to be curriculum specialists. 6 hours credit block.


## Regular Session <br> College of Arts and Sciences

English

## Workshop in the Teaching of English:

 Grammar
## (Back to Basics)

EED 403-7
1:40-4:05 MTWF
June 19-30

Workshop to concentrate on traditional grammar: review of content, techniques of teaching, research findings. Current textbooks to be examined. 2 hours credit.

## Workshp in the Teaching of English: Spelling and Vocabulary

## (Back to Basics) <br> EED 403-27

July 3-14
1:40-4:05 MTWF
-
Workshp to concentrate on spelling/vocabulary content, techniques of teaching and research findings. Current text materials to be examined. 2 hours credit.

## Workshop in the Teaching of English:

 Creativity in the English ClassroomEED 403 -37
July 17-28
1:40-4:05 MTWF
The "Back to Basics" push should not exclude creativity. To be explored in the areas of literature, written composition, oral composition, and language. Participants to develop teaching materials. 2 hours credit.

## Geography

## Colorado Geography Field Course

GEOG 592-70
July 17 - August 11 Explore four Colorados with a traveling school of geography. Help with the wheat harvest in the Plains of Kit Carson County. Study the urbanization problems of the Front Range Strip City. Trace the transition from mining to skiing in the Blue Valley around Breckenridge. Look in on the growing energy boom on the Western Slope near Paonia. The class will travel together across the state sharing travel, food, and lodging expenses. In addition to the focus on the four Colorado regions, a variety of field research techniques to be emphasized. No previous geography background required. Pre-registration by June 1 required. For information and details please contact Dr. John Dietz, Geography Department. 10 hours credit.

## Mathematics

## Mathematics for Special Children

MED 678-3
June 19 - August 11

For elementary and junior high teachers in regular or special education rooms. Learn how to diagnose specific mathematics learning difficulties and how to remediate them. Emphasis will be upon teacher constructed inventories and individually prescribed remediation. 3 hours credit.

## Workshop: Piaget for Educators

ID 508-6
June 20-29
12:20-4:00 TWThF June 20-23, MTWTh June 26-29
For those who have little knowledge of Piaget's theory and are concerned with how they can help children and adolescents better develop cognitively. S-U grading. 3 hours credit.

## Science Education

The Psychology of Piaget
ID 508-026
June 20-30
12:20-4:00 MTWThF
Workshop for those who have little knowledge of Piaget's theory and are concerned with how they can help children and adolescents better develop cognitively. S-U grading. 3 hours credit.

## Humanistic Questioning and Listening

ID 508-005
June 29 - July 7

## 11:00-12:40 MTWThF

Short and practical workshop on how to better develop class discussions, motivate students, and obtain greater class participation. Specific techniques are suggested for improving wait-time, divergent questioning, thinking, and how to become less manipulative and more facilitative of human potential. Multi-media approach. 1 hour credit.

## Creativity

ID 508-006
July 10-14

## 12:20-3:50 MTWThF

Workshop stresses developing creative potential of both teacher and students. Involves numerous activities including questioning for creative production, brainstorming, developing imagination, creative research, right cerebral dominance activities, The Dragon Game, Pictorial Riddles, multi-talent production, using cardboard creatively in the classroom, constructing a creative monument, modifying life style, becoming involved in a creative lunch, creative listening, creative note taking, using failure for creative growth. 2 hours credit.

## College of Education

## Educational Administration

## Contemporary Issues for School Leaders

EDAD 508-002
July 24-28
EDAD 508-022
1:00-5:00 and 6:30-8:30 M; 8:30-12, 1:003:30, and 6:30-8:30, TWTh; 8:30-12, F. Workshop to be co-directed by Dr. Edward Brainard and Dr. Michael Martin, Colorado North Central Association chairman and associate chairman. Using a combination of formal presentations and small group projects, workshop to focus on these topics: Competency-based testings; effectiveness of middle schools; the
exceptional principal; school climate; reform of secondary education; a balanced program of studies; a re-definition of the fundamentals.
Maximum enrollment 100. For more information write to Dr. Brainard or Dr. Martin, McKee 430, before May 1. (Phone: 303/351-2991.) 3 hours credit.

## Elementary Education and Reading

## The Young Child in the 1980's

EDEC 508-7
July 10-21
1:40-4:40 MTWThF
Workshop to investigate the home, school, and total community as forces shaping the young child's future. Workshop graded S-U. For additional information write to Dr. Juanita Lewis, Director, Early Childhood Studies, UNC. 3 hours credit.

## Creating Individualized Learning Programs

EDEL 508-27
July 24 - August 4
1:40-4.40 MTWThF
Workshop to help elementary teachers individualize learning. Areas to include learning rate, grouping, contract learning, scheduling, record keeping, learning objectives, instructional strategies, learning centers, and materials.
Workshop graded S-U. For additional information write to Dr. David Mathias, UNC. 3 hours credit.

## Children's Literature in Content Reading

EDRD 508-107
June 20-30
1.40-5:00 MTWThF

Workshop to be concerned with the contribution of literature to the various areas of the curriculum in the elementary school. Local librarians and state department of education personnel will address the topic of "Where to Find Content Field Literature." Participants will include authors of children's books, personnel from the department of reading, and specialists in the curricular areas. Workshop graded S-U. For additional information write to Dr. Robert Pavlik, UNC. 3 hours credit.

## Psychology, Counseling, and Guidance

## Bodymind Integration

PCG 508-3
June 19 - August 11
11:00-12:05 T, 9:40-12:05 Th
Course to deal with how we can create our physical structures, health conditions and psychological attitudes which create conflict and dis-ease within our bodyminds. Concepts of holistic health and ways to deal with our stress and its effects upon our bodyminds to be discussed and practiced. Instructor: Byron Norton. 3 hours credit.

## Social Psychology

PCG 508-5
June 19 - August 11
11:00-12:05 MWF
Designed to provide graduate students and upper division psychology majors with an in-depth survey of social psychology. Model of student participant observer/investigator to facilitate involvement with course materials. Major topics: aggression, conformity, pro-social behavior, social learning, attitude measurement and change,
personperception, social behavior, social learning, attitude measurement and change,
personperception, attraction and love,
competition, and environmental-social influence.
Letter grades. Instructor: William Barnard. 3 hours credit.

## Clinical Applications of Biofeedback

POG 508-27
June 19 - August 11
1.40-2.45 MWF

Review of current therapeutic techniques with biofeedback with special attention to technician/therapist interaction. To cover proper techniques for assessing progress and possible problems during therapy, as well as ethics and special responsibilities of the biofeedback technician. It is recommended that this course be taken concurrently with the other biofeedback Instructor: Ronald Zellner. 3 hours credit.

## Introduction to Clinical Hypnosis

POG 508-37
June 19 - August 11
1:40-5:00 W
Introduction to the techniques and applications of hypnosis in counseling, clinical, and school psychology and related professions, Emphasis upon achieving competence with basic hypnotic techniques including induction, methods to facilitate the growth process. S-U grades Prerequisite PCG 458, 558 or equivalent and permission of instructor. Instructor: David Bolocofsky. 3 hours credit.

## Principles of Biofeedback Control

PSY 499-002 June 19 - August 11
8:20-10:45 T, 8:20-9:25 Th
An applied course intended to familiarize the student with biofeedback equipment and its functioning. Students required to operate and condition themselves on different biofeedback devices, including temperature, electromyogram (EMG), and electroencephalogram (EEG) feedback. Instructor: Ronald Zellner. It is recommended that this course be taken concurrently with the other biofeedback courses. 3 hours credit.

## Principles of Biofeedback Control

PSY 499-026
June 19 - August 11
12:20-2:45 T, 12:20-1:25 Th
See PSY 499-02, above, for course description. 3 hours credit.

## Physiological Aspects of Biofeedback

PSY 499-006
June 19 - August 11
12:20-1:25 MWF
Physiological events which underlie EEG, EMG, temperature and other biofeedback modes, and how the general concept of positive and negative feedback occur naturally as body-state regulating systems. Includes a discussion of the various neuromuscular and other pathologies being created with biofeedback therapy. Instructor: Grant Morris. It is recommended that this course be taken concurrently with the other biofeedback courses. 3 hours credit.

## Piaget for Educators

ID 508-006
June 20-23, 26-29
12:20-4:00, TWThF, June20-23; MTWTh, June 26-29

Workshop for those who have little knowledge of Piaget's theory and are concerned with how they can help children and adolescents better develop cognitively, S-U grading. Instructors: William Popejoy, Robert Sund, I. David Welch. 3 hours credit.

## Transpersonal Psychology in Education

 PCG 508-6July 17-28
12:20-4:05 MTWTh
Meditation, Relaxation, Fantasy, Dreaming, Bio-feedback and other Altered States of Consciousness. Transpersonal Education is concerned with how these and other techniques can be used in ordinary classroom practice. Can we develop new techniques in teaching? Are there new kinds of learnings which we can develop in the classroom? Purpose of this workshop is to explore these new techniques and possible new learnings so that teachers can better develop teaching strategies which teach to both hemispheres of the human brain. Letter grades. I. David Welch. 3 hours credit.

## Abnormal Psychology

PCG 558-2
August 14-18
9:00-12:00, 1:30-4:30 MTWThF
Designed to give an understanding of abnormal behavior, its causes, symptoms, characteristics, classifications and preventions. Letter grades. Prerequisites. PCG 651 or PSY 255 or PCG 655.3 hours credit.

## Family Systems Therapy

PCG 508-70
Annual workshop will focus on Family Systems Therapy with a nationally prominent presenter. At publication deadline, a specific time had not been determined, although a concentrated weekend in July is anticipated. For further information, inquire directly to the Department of Psychology, Counseling, and Guidance. Workshop coordinator: Dr. Margaret Blake. S-U grades. 1 hour credit.

## Research and Statistical Methodology

## Descriptive Statistics

RSM 504-007
June 20 - July 14
1.40-5:25 TTh

Study of problems in organizing, summarizing, and interpreting statistical information in solution of educational psychological problems. Topics: Central tendency, variation, transformed scores, normal distribution model, bivariate correlation and regression. Laboratory experiences. 4 hours credit.

## Planning and Methodology of Research

RSM 713-007
June 20 - July 14
1.40-5:25 MW

Technical problems in planning and conducting studies. Topics: Locating and defining problems; measurement and scaling; sampling designs; problems specific to historical, survey, and experimental studies; data organization for computer processing. Can be substituted for RSM 700. Open to non-majors. Prerequisite: RSM 505. 3 hours credit.

## College of Perfoming and Visual Arts

## Fine Arts <br> High Country Landscape Painting and Drawing

FA 308/508-42 June 20 - July 1 8:20-4:05 MTWThFSa, MacGregor Ranch, Estes Park, Colorado
Workshop based at the 100 -year-old MacGregor Ranch, one of the Rockies' most scenic areas. Painting, drawing, sketching at selected sites on and near the ranch and Rocky Mountain Park. Students may camp on the ranch and use the museum and a lodge for classes. Write: High Country, Department of Fine Arts, UNC, for details. The class will meet on two Saturdays, June 24 and July 1.3 hours credit.

## Weaving

FA 308/508-1
June 20 - July 14
7:00-9:25 MTWThF
Workshop on the history and basic fundamentals of four-harness loom weaving. 3 hours credit.

## Multi-Arts

FA 308/508-2
June 20 - July 14
8:20-10:45 MTWThF
Workshop for persons who would wish to "take a course" in art without feeling the competitive stress from other students with extensive art backgrounds. Introduction to be provided for various levels of competence and in various media including basic drawing, painting (oil, acrylics, watercolor and mixed media), sculpture, and ceramics. Students may work in one medium for the duration of the workshop or several;
multi-media approach also will be accommodated. Instruction to be individualized with weekly critiques. 3 hours credit.

## Small Sculpture

FA 308/508-5
June 20 - July 14 11:00-1:25 MTWThF
Workshop to delve into the development of small sculpture (suitable for interior exhibition) with opportunities for students to work in a variety of materials including alabaster and metals. Emphasis on scale relationships of unique forms. 3 hours credit.

## Fiber Structure

FA 308/508-6
June 20 - July 14 12:20-2:45 MTWThF
Workshop of fabric decoration through silkscreen, batik, block printing, and tie-dye. 3 hours credit.

## Sumi Painting

FA 308/508-7
June 20 - July 14
1:40-4:05 MTWThF
Workshop involving studio experiences in painting with sumi-e (stick-ink), bamboo brushes, grinding stone and various paper materials including rice papers. Low-cost textbook is used for reference. Class requires no previous art experiences. Many classroom teachers have found the class useful in their teaching assignments. 3 hours credit.

## Advanced Painting

## FA 308/508-22

July 17 - August 11

## 8:20-10:45 MTWThF

Workshop for advanced students who would like to address some contemporary issue(s) in art with emphasis of the dual relationship of form and idea as it fuses into a viable content. The identification and initial formation of a personal philosophy and aesthetic to be integrated into the process of making art. Various media such as oils, acrylics, and mixed media, to be accommodated. 3 hours credit.

## Collage

FA 308/508-27
July 17 - August 11 1:40-4:05 MTWThF
Workshop to explore collage techniques as expressive means for artists. Students to work with a variety of materials in developing collages in both two- and three-dimensional pieces. Possibilities to be explored for application of collage techniques in secondary art programs. 3 hours credit.

## Fibers and Pottery

FA 308/508-52
July 24 - August 4
8:20-4:05 MTWThF, Steamboat Village, Colorado
Workshop includes throwing on the potter's wheel, handbuilding techniques, clay prospecting, baking bread in an Indian horno. The fibers workshop will consist of a study of materials, techniques and innovative potentials of four-harness loom weaving along with some historical perspecive on the weaving processes. Individualized instruction at all levels in the beautiful, relaxed atmosphere of the internationally famous Scandinavian Lodge. Fantastic Scandinavian and American cuisine, room service, saunas, swimming pool and many other extras in the beauty of the Colorado Rockies. Very reasonable rates. Contact Herb Schumacher, Department of Fine Arts, UNC, for more information. 3 hours credit.

## Pottery

FA 308/508-52 July 24 - August 4
8:20-4:05 MTWThF Steamboat Springs, Colorado
Workshop with all levels of instruction concerning throwing on the potter's wheel, innovative handbuilding techniques along with practical experience in building and baking in an Indian homo (oven). Contact Herb Schumacher, Department of Fine Arts, UNC, for more information. 1-3 hours credit.

## School of Business

## Business Education

Workshop in Business Teaching: Integrating FLBA into the Classroom
BEVE 580-006
June 20-22
12:20-3:10 TWTh
Specialized workshop designed to provide students with background and format to design activities that integrate the philosophy and purposes of the Future Business Leaders of America with classroom instruction. S-U grading. Confirm enrollment by June 12 with Dr. Caroll Dierks, Kepner 213. Prerequisites: VTE 411 and 16

VTE 413 and/or experience as a FBLA advisor. 1 hour credit.

## Improvement of Instruction in Bookkeeping

 and Basic BusinessBEVE 653-002
June 20-30
8:20-11:30 MTWThF
Primarily for those who have had experience teaching bookkeeping and basic business subjects. Objectives, content, good teaching practices, and evaluation as well as specific teaching problems of class members to be emphasized. 3 hours credit.

## Workshop in Distributive Education:

Project Instruction in Marketing and Distributive Education - an Alternative Approach
BEVE 581-006
June 26-29
12:20-2:30 MTWTh
Workshop to provide secondary and
post-secondary DE teacher-coordinators with the foundations for an instructional delivery system alternative for the cooperative vocational education delivery system. 1 hour credit.

Development of Distributive Education Instructional Materials: Competency Pattern Instruction
BEVE 566-002
8:20-10:30 MTWThF
Brief analysis of instructional materials, their courses, and how to use them. Students will develop materials for use in their own instructional program. 2 hours credit.

Post-secondary Programs in Business and Distributive Education
BEVE 665-006
July 3-14
12:20-3:10 MTWThF
General overview of the types of business and distributive education programs which should be offered in community colleges and area vocational technical schools. Special emphasis on students, faculty and curriculum. 3 hours credit.

## Word Processing in the Modern Office

BUS 508-007
July 3-14
1:40-4:40 MTWThF
Total concept of word processing, including the personnel, equipment, and procedures. Workshop participants to make an in-depth analysis of the processing of words from their origination through final distribution. Some of the administrative problems encountered in establishing a word processing center to be considered. 3 hours credit.

## Workshop in Business Teaching: Readings in Business Teaching

## BEVE 580-002

July 12-28
8:20-11:45 MWF
Research findings and their implications for curriculum development and the teaching-learning process in the various areas of business education to form basis for seminar discussions. 3 hours credit.

## Readings in Business Teaching

## BEVE 704-002

July 12-28 8:20-11:45 MWF
Research findings and their implications for curriculum development and the teaching-learning process in the various areas of business education
to form the basis for seminar discussions. Prerequisite, BEVE 701.3 hours credit.

## Business

Consumer Behavior
BUS 366-002
August 14-18
8:20-3:00 MTWThF
To explore consumer behavior as it affects the marketing function. Synthesis of empirical findings on consumer behavior as well as models for analyzing it. Application of theoretical generalizations to practical marketing problems. Prerequisite, BUS 365 or consent of instructor. 3 hours credit.

## School of Health, Physical Education and Recreation

## Athletics

## Workshop Athletic Training for Coaches

HPER 508-002
June 19-23 8-12,1-5 MTWThF
In cooperation with the Cramer Company, athletic training workshop designed to assist coaches in the prevention and care of athletic injuries. In addition to the regular tuition, an additional fee of approximately $\$ 50$ is required. Instructor: Daniel Libera. 3 hours credit.

## Advanced Techniques of Teaching Wrestling HPER 549-007 <br> June 26-30 <br> 1:40-5 MTWThF

Workshop designed to assist the high school or college coach in teaching wrestling activities in school programs. Instructor: Jack LaBonde, wrestling coach. 2 hours credit.

## Advanced Coaching Procedures in Track

## HPER 565-007

July 3-8
1.40-5 MTWThF

Class designed to assist the in-service teacher of track with special problems including organization, strategy, personnel, and technique. Instructor: Tom Benich, track coach. 2 hours credit.

## Outdoor Recreation

HPER 508-003
August 14-18
9-12, 1 - 3 MTWThF
Workshop experiences for acquiring knowledge and skill in the many outdoor recreational activities. 2 hours credit.

## Driver Education Certification Courses

In addition to HPER 474 (Driver Education I) and HPER475 (Driver Education II) offered during the eight week period, the following workshops will be offered to assist people in obtaining certification.

## Driver Education for the Handicapped

HPER 508-023
June 24, July 1, July 8
Sa 9-12, 1-5
To help students develop skills necessary to teach driver education to handicapped persons. Instructor: Larry Harrison. 2 hours credit.

## Workshop in Motorcycle Safety

HPER 508-027
July 3-8

A highly recommended course which includes methods and techniques of teaching motorcycle safety to young adults. Instructor: Jack LaBonde. 2 hours credit.

## Education for Special Populations

Physical Education and Recration for the Mentally Retarded
HPER 438-007
July 10-14
1:40-5 MTWThF
Same as HPER 438 except assessment, activity, and modifications to be geared specifically to the mentally retarded. Instructor: Dianne Hurley. 3 hours credit.

## Perceptual-Motor Learning Theories

HPER 440-007
July 17-21
1:40-5 MTWThF
Course designed to help the student
understand the background of
perceptual-motor-movement and plan a program of perceptual motor activities. Instructor: Mary Behling. 3 hours credit.

## Physical Education and Recreation for the

 Physically HandicappedHPER 439-007
July 24-28
1:40-5 MTWThF
Deals specifically with activities designed for the handicapped youngster enrolled in the regular physical education class. To provide insight into assessment and needs for the severe and profoundly handicapped. Instructor: Dianne Hurley. 3 hours credit.

## Health Education

## Nutrition Education for the Elementary

 School Teacher(Co-Sponsored by National Dairy Council)
HPER 508-007
July 17-21
1:40-5 MTWThF
Workshop specifically geared for the elementary school teacher and designed to assist them in teaching basic nutrition to their students. Instructor:
Bryan Cooke. 2 hours credit.

## Seminar in Health Behavior

HPER 509-007
June 19 - July 14
1:40-4:05 MTWThF
Review research literature regarding personal health behavior and analysis of various recent models to explain health behavior. To assist the student in planning and developing an effective health education program. Instructor: Lloyd Kolbe 3 hours credit.

## School of Industrial Technology and Home Economics

## Home Economics

Following are the courses which are scheduled for less than eight weeks. Further information may be obtained by contacting Mrs. Marilyn Burns
See Interim Session for other courses beginning after August 13.)

## Food Culture and Health Around the Mediterranean

HEC 393/593-070
June 17 - July 7
Workshop to assist students in understanding the relationship among food, culture, and health and how these factors (not excluding others) influence quality of living, through an on-site experience study - travel program. 6 hours credit.

## Exploration of Careers: Childcare, Hospitality/Food Service, Fabrics and Living Environments

HECV 508-003
June 20 - June 30

## 9:40-1:25 MTWThF

Workshop designed for exposing teachers to process-based education and career exploration in home economics. Students to examine and experiment with materials developed by the McKnightPublishing Company in the areas of child care, hospitality/food service, fabrics and living environments. 4 hours credit.

## Cross Cultural Explorations in Foods

HEC 508-027
July 3 - July 14
1:40-5:25 MTWTh
Workshop to study similarities, differences and special significance of the foods of selected cultures. Food representative of the studied cultures to be prepared. 3 hours credit.

## Exploration of Occupations in Home Economics

HECV 566-002
July 10 - July 21
8:20-4:15 MTWThF
Survey of home economics occupations through field trips to business and industries in the Denver metropolitan and Greeley area. Enrollment limited. Reservations must be made with Mrs. Valerie Sorensen, Home Economics Department, by May 15. 6 hours credit.

## Home Economics Occupations Update

HECV 508-002
July 24 - July 28

## 8:20-12:05 MTWTh

Planned by special request for the occupational home economics teacher interested in updating and upgrading occupational programs. Special guest speakers to focus upon public relations, successful coordinating techniques and teacher coordinator/student/employee problems. 2 hours credit.

## Who's Who \& Right in Nutrition

HEC 508-007
July 31 - August 10
1:40-4:15 MTWTh
Workshop to evaluate research findings and publications of past and present nutrition scientists and pseudo-scientists. 2 hours credit.

## Industrial Arts and Technology

## Digital Logic Application

IA 308/508-027
June 19-30
1:40-5:30 MTWThF
Designed to cover basic theory and application of digital logic circuits in electronic equipment.
Examples: Tuners in tv, counters and measuring
instruments in laboratory equipment, microprocessor circuits. Materials and instructional faculty provided by the Electronic Industries Association, Consumer Products Division. Enrollment limited to 25 students; reservations in writing strongly recommended. Official registration for the class will be on the first day of class. Total cost of $\$ 30$ per student (in-state or out-of-state) to be paid when registering. For students taking other courses at UNC during the summer, the $\$ 30$ is in addition to the fees for those courses. For further information,
contact Dr. David L. Jelden, Department of Industrial Arts and Technology, UNC. 3 hours credit.

## IA Facility Development

IA 308/508-007
July 17 - August 8 1.40-2.45 MTWThF
nd post secondary
Designed to give secondary and post-secondary industrial arts teachers background for the development and improvement of industrial arts facilities. Includes: laboratory design and evaluation, equipment selection and acquisition, building and equipment specifications, space and energy utilization, safety and electrical considerations, laboratory management. Field experiences provided. 3 hours credit.

Following are the courses which are scheduled for less than eight weeks. Further information about them may be obtained by contacting Dr. Robert $G$. Hammond, Chairman, Department of Industrial Arts and Technology, UNC.

## Leathercraft

IA 216/516-001 \& 101
June 20 - July 14
IA 216/516-021 \& 121
July 17 - August 8
7:00-9:25 MTWThF
Basic skills in leathercraft, including design, tooling, carving and constructing leather projects for the industrial arts programs, such as general shop, camp activities and recreation programs.
3 hours credit.

## Industrial Plastics

IA $317 / 517$
June 20 - July 14 9:40-12:05 MTWThF
Skills and knowledge in the use of thermosetting and thermoplastic materials with emphasis on industrial applications including the designing and construction of molds and forms. 3 hours credit.

## History and Philosophy of Industrial

## Education

IA 335/635-006
June 20 July 14
12:20-1:25 MTWThF
Study of the origin and development of the proposals and movements in industrial education together with consideration of the philosophical thought of selected leaders with emphasis on the United States, 3 hours credit

## Art Metal and Metal Spinning

IA 371/571
June 20-July 14
9:40-12:05 MTWThF

Elementary course in art metal working including tool, etching, forming, piercing, enameling and spinning3 hours credit.

## Advanced Welding

IA 372/572
June 20 - July 14
7:00-9:25 MTWThF
Advanced skills in welding developed by exercises in $A C$-DC arc welding and oxy-acetylene gas welding of various metals. Experiences in TIG and MIG welding of both ferrous and non-ferrous metals are provided. Consideration given to principles of teaching welding at the secondary and post-secondary levels. 3 hours credit.

## Solar Energy

IA 390/590
June 20 July 14
1.40-4:05 MTWThF

Survey of solar energy systems with emphasis on construction of solar energy components as well as a thorough study of the principles underlying all solar energy collection and use.

## Organization of the Graphic Arts Laboratory

## IA 440/640

June 20 - July 14

## 7:00-9:25 MTWThF

Techniques and objectives of the graphic arts; their historical development and place in our cultural background; art in printing; shop planning, equipment and management; course content and organization. 3 hours credit.

## Color Photography--Transparencies

 IA 445/645June 20 - July 14
1:40-4:05 MTWThF
Prerequisite IA 342 or consent of instructor. Study and application of color transparency photography as a tool of graphic communication. Emphasis upon transformation of photographic ideas into effective graphic representations. Practical application in the use of reversal film and materials. 3 hours credit.

## Jewelry Design and Construction

IA 373/573
July 17 - August 8
1.40-4:05 MTWThF

Basic processes in jewelry construction including soldering, casting, stone cutting, simple silversmithing and use of appropriate equipment. 3 hours credit.

## Machine Tool Technology

IA 374/574
July 17 - August 8
9:40-12:05 MTWThF
Provides advanced experiences in the operation of machine tools with emphasis on machine tool curriculum development and use at the secondary and post-secondary levels. Study units: tool and die making, precision jigs and fixtures, selection, testing and use of materials and heat treatment. 3 hours credit.

## General Woods

## IA 455 July 17 - August 8

7:00-9:25 MTWThF
To acquaint students with the use of tools, materials and processes associated with the woodworking field. Non-majors only. 3 hours credit.

## Problems in Drafting and Planning

IA 462/662
July 17 - August 8
9:40-12:05 MTWThF
Objectives, course content, practices and teaching procedures in selected areas of drafting. Problems and assignments in terms of individual needs. 3 hours credit.

## Interdisciplinary Courses

(See Interim Session for other courses beginning after August 13.)
Vocational Teacher Education: Health Occupations

## Workshop: ICARE

(Instrument for Comprehensive and Relevant Education)
VTE 508-020
June 19-20, 29-30
8:20-5:40 June 19, 8:20-12:20 June 20, 1:40-
5:40 June 29, 8:20-5:40 June 30
Workshop to present a systematic approach to assessment of health-instructor competence and means of improving instruction. Process to focus on what the instructor does (teaching activities) in contrast to teacher characteristics. To prepare health professionals in the use of ICARE instruments and concepts. Interested individuals should contact Dr. Dora Johnson, Gunter 103, by June 10. S-U grading. 3 hours credit.

## Workshop: ICARE Adaptation and

 ImplementationVTE 508-022
July 6-7,12-14
1:40-5:40 July 6, 8:20-5:20 July 7, 1:40-5:40 July 12-14
Participants to develop evaluation techniques based on ICARE materials and concepts for use within a vocational education program. ICARE materials include: evaluation for programs, student-directed instruction, student selection, clinical experiences. Individuals interested in this workshop must have completed a basic ICARE program and should contact Dr. Dora Johnson, Gunter 103, by June 15. S-U grading. 3 hours credit.

## Vocational Teacher Education

## Learn and Lunch Seminars

(Special Graduate Seminar)
VTE 509-006
12:20-1:25 Wednesdays
Noon luncheons scheduled in the University Center Alcove B on Wednesdays from 12:20 to $1: 25$. Topics to be covered by guest speakers are: (1) sex role stereotyping, (2) learners with special needs, (3) state issues and concerns, (4) vocational guidance, (5) emerging programs in vocational education, (6) national and regional VTE scene, and (7) leadership today. 1 hour credit.

## Human Relations in Vocational Education

## VTE 509-007

June 22-30
1:40-5:40 ThF
Seminar designed to cover the basic principles of human relations. Class to be conducted in both a didactic and experiential manner. Areas of
emphasis to be communications, public relations and understanding of personality theory. 3 hours credit.

## Career Guidance for Students with Special Needs

VTE 308-007, 508-007
July 5-14
1:40-5:00 MTWThF
Workshop designed for teachers working with special-needs students in their classroom.
Emphasis to be placed on (1) problems of the disadvantaged, (2) problems of the handicapped, (3) career information, (4) guidance and counseling techniques for use with special students. Guidance counselors, special educators and vocational teachers will finḍ workshop informative in planning strategies in working with special-needs students. 3 hours credit.

## Workshop: Simulation and Gaming

Techniques in Vocational Education
VTE 508-023 July 17-21
1:40-5.40 MTWThF
Workshop to concentrate on techniques and application of educational games as they specifically pertain to vocational education. Ideas of simulation to represent elements of reality and gaming to stimulate interaction are developed into a variety of learning contexts. Because of restricted room space, enrollment may be limited and participants need to arrange for enrollment by July 5 with Dr. Dora Johnson, Gunter 103. S-U grading. 2 hours credit.

## Graduate Vocational Teacher Education

## Curriculum Planning and Evaluation

VTE 623
June 12-16
8:30-5 MTWThF
and
Curriculum Design and Development
VTE 624
June 21-23
5:30-9:30 WThF
Focus on important curriculum functions: (1) planning, (2) structuring and designing, (3) developing, (4) implementing, and (5) evaluating. A basic seminar for individuals desiring to be curriculum specialists. 6 hour credit block.

## Programs and Processes in VE

VTE 612-007 June 20 - August 8
1:40-5:25 T
Basic core course to take survey approach of secondary and post-secondary vocational education programs. Topics: (1) scope and depth of VE training, (2) staffing patterns, (3) facilities and equipment, (4) utilization of community resources, and (5) methods and techniques of instruction. 3 hours credit.

## Proposals and Budgets

VTE 625-002
June 21 - August 9 8:20-10.45 M, 8:20-9:25 W
A pratical course for all educational leaders. Topics:
(1) sources of funds, (2) current funding priorities,
(3) current proposal vocabulary, (4) critique of
proposals, and (5) utilization of PERT and CPR.

Final project consists of answering a Request for a Proposal (RFP). 3 hours credit.

## Community and Adult VE

VTE 630-005
June 21 - August 9 11:00-1:25 M, 11:00-12:05 W
Concepts, plans and illustrations of a comprehensive community-based system of education. Importance of adult vocational education to be stressed. Course organized around five topics: (1) current adult education practices, (2) community education, (3) adult vocational education programs, (4) current trends in life-long leaming, and (5) methods and materials in adult education. 3 hours credit.


## Interim Session

## Anthropology

## Primitive Religions

ANT 280-903
Aug 21 - Sept. 15
9:40-12:05 MWF
Religions of the peoples not involved in the Indic complex of Hindu-Buddhist or the Judaic tradition of the Mid-East. 3 hours credit.

## Biology

Fleshy Fungi
BIO 508-907
Aug. 21 - Sept. 1
1.40-4:30 MTWThF

Concentrated study of the fleshy fungif found in the region. Field collecting, identifying and
photographing fungi. Some overnight field trips. Students should have had at least one year of biology including an introductory botany course. Enrollment by permission of the instructor. Contact Dr. John K. Gapter, Department of Biological Sciences, UNC. 2 hours credit.

## Chemistry

## Introductory Chemistry

CHEM 100-906
Aug. 21 - Sept. 15 12:20-2.45 MWF
Basic concepts in chemistry. Specifically designed to prepare students majoring in nursing, medical technology, health science and dietetics who have no high school chemistry to enroll in CHEM 104 or 108, General Chemistry. Credit not allowed toward a chemistry major or minor; course can be used as part of general education requirement. 3 hours credit.

## Communications

Communication: Public Forum
COMM 110-906
Aug. 21 - Sept. 15 12:20-2.45 MWF Introduction to the principles and practices of platform speaking. 3 hours credit.

## Principles of Mass Communication

COMM 140-902
Aug. 21 - Sept. 15

## 8:20-10:45 MWF

Techniques and theories of mass communication, including electronic media, film and print; and its significance in contemporary society. 3 hours credit.

## English

## Elementary Composition I

ENG 101-902
Aug. 21 - Sept. 15 8:20-10:45 MWF
First of two quarters of elementary expository writing, with introduction to functional grammar, sentence structure, punctuation and paragraph organization. 3 hours credit.

## Introduction to Poetry

ENG 111-902
Aug. 21 - Sept. 15

## 8:20-10:45 MWThF

Critical approaches to poetry. Qualified students may be exempted by examination. 4 hours credit.

## Introduction to Fiction

ENG 112-905
Aug. 21 - Sept. 15
11:00-1:25 MTWF
Critical approaches to short stories and novels.
Qualified students may be exempted by examination. 4 hours credit.

## Geography

Anglo-America
GEOG 148-902
8:20-10:45 MTWThF
Regions of the U.S. and Canada and their interdependence. Land use and social economic problems emphasized. 5 hours credit.

## Australia and the Pacific

GEOG 318-905
Aug. 21 - Sept. 15
11:00-12:05 MTWTh
Regional consideration of the advantages and limitations of the physical and cultural environment, population distribution, and economic development of Australia, NewZealand, Melanesia, Micronesia, and Polynesia. 2 hours credit.


Geology
Survey of Colorado Mineral Deposits
GEOL 599-70
August 14-19
Time to be arranged.
Principles which control the deposition of various types of mineral deposits. Discussion of important mining areas in Colorado. Extended field trip to study some of Colorado's mining areas and to provide an opportunity to collect a variety of minerals.

## Political Science

## International Relations

PSCl 220-903
Aug. 21 - Sept. 15 9:40-12:05 MTWF
Introductory study of basic principles and problems of the international political system. 4 hours credit.

## Science

Physical Science
SCI 103-906
Aug. 21 - Sept. 15 12:20-2.45 MWF
General survey of special topics of current interest to society. Emphasis on physical science concepts associated with these. Treatment
non-mathematical. 3 hours credit.

## Relativity and Cosmology

SCI 109-902
Aug. 21 - Sept. 15 8:20-10:45 MWF
Non-mathematical treatment of the concepts of special and general relativity, leading to a discussion of a variety of cosmological models. Topics: "big bang," steady-state, and expanding, closed, and open models. 3 hours credit.

## Sociology

## Principles of Sociology

SOC 100-902
Aug. 21 - Sept. 15 8:20-10:45 MTWThF
Study of social organization, culture, socialization, social stratification, associations, collective behavior, population and ecology with detailed applications to the functioning of U.S. society today. 5 hours credit.

## Social Problems

SOC 145-906
12:20-2.45 MTW
Designed to help the student understand some of the complex problems of our society from a sociological frame of reference. Topics such as poverty, slums, wars, alcoholism, mental illness, drug addiction and prostitution in the context of American society. 3 hours credit

## Social Psychology

SOC 310-913
Aug. 21 - Sept. 15
6:00-9:15 p.m., MW
Social communication in human groups, identification of mutually dependent elements in the human group and the human group as an organic whole. Case study approach. Emphasis on leadership. 3 hours credit.

## Zoology

Human Biology
ZOO 105-901
Aug. 21 - Sept. 15
7:00-9:25 MWF; lab 7:00-10:45 TTh
Introduction to human biology with emphasis on general body organization, tissue histology,
genetics, embryology, medical parasitology and a survey of basic organ structure and function. To give nursing students a foundation for more advanced courses in human anatomy and physiology. Credit not allowed Biological Science majors. 4 hours credit.

## College of Education

## Research and Statistical Methodology

Introduction to Graduate Study and
Research
RSM 600-902 Aug. 28 - Sept. 1
8:30-11:30, 1:00-4:00 MTWThF
See pre-session course. 3 hours credit.

## School of Industrial Technology and Home Economics

Home Economics
Field Experiences in Cultural Awareness:
Southwest Influences in Family Life
HEC 393/593-902
August 14-20
8:20-4:15 MTWThFSaS
(Pre Tour Seminar TBA)
Designed to study the contributions of the Spanish and Southwest Indian cultures to contemporary society. Some specific areas of study: Navajo weaving, natural dyeing, hand spinning, Colcha embroidery, Rio Grande blankets, and Southwest influences on costume, textile design, food, architecture and furnishings. 3 hours credit.

## Interdepartmental

## Vocational Teacher Education

Health Occupations Instructional Design
A series of one and one-half day sessions, (one quarter-hour modules) relating to health occupations' instructional design. An individual can enroll in all or any combination of the modules
depending on his/her need. Modules required for individuals entering teaching during the fall session. Available in place of Orientation to Teaching (VTE 270) offered by Colorado State University. These modules will be offered in Denver. Interested individuals should contact Carlene Gibson, Gunter 103, by August 1 for further information. The five modules are as follows:

Health Occupations Instructional Design: Occupational Analysis

## VTE 401

August 14-15
8:30-4:30 M, 8:30-12:00 T
1 hour credit
Health Occupations Instructional Design:
Performance Objectives
VTE 402
1:00-4:30 T, 8:30-4:30 W
1 hour credit
Health Occupations Instructional Design:
Classroom Evaluation
VTE 403
August 17-18
(Pre-requisite VTE 402)
8:30-4:30 Th, 8:30-12:00 F
1 hour credit
Health Occupations Instructional Design:
Instructional Methods
VTE 404
August 21-22
8:30-4:30 M, 8:30-12:00 T
1 hour credit
Health Occupations Instructional Design:
Media Utilization
VTE 405
August 22-23
1:00-4:30 T, 8:30-4:30 W
1 hour credit




## Schedule of Classes

Summer Session 1978 will offer students an opportunity to study both in short-term concentrated courses and in regular term-length courses. Students may select courses during the Pre-session, June 12-16, the eight-week Regular Session, June 19-August 11, or the Interim Session, August 21 - September 15.

To help students locate courses easily, this schedule displays courses offered during each session separately. Pre-session coürses are listed together first, then Regular Session courses and finally Interim Session courses. To further assist them, all courses indicate beginning and ending dates.

All students are urged to consult their catalogs and their advisers to insure that courses selected during the summer will be applicable toward their degree programs.

Night Classes. Specific night classes are listed under appropriate departmental heading. Evening on-campus classes may be limited in size. Enrollment will be accepted on a "first-come" basis. Classes with insufficient enrollment may be canceled for that term.

Courses Graded S-U. S-U indicates courses are graded satisfactory and unsatisfactory.

Women's Studies. The interdisciplinary Women's Studies Program offers courses for students who wish to obtain a 27-credit minor in Women's Studies or who wish to use courses in Women's Studies toward fulfillment of requirements for general education or departmental majors or minors. Courses offered during the regular 1978 Summer Session are listed in the Schedule of Classes under both departmental and Women's Studies headings. Information on the Program may be obtained from Marcia Willcoxon, Coordinator of Women's Studies.

## Abbreviated Instructional Buildings on

 CampusARTS ANN -- Arts Annex
BISHOP L -- Bishop-Lehr
BTLR HNK -- Butler-Hancock
CANDLRIA -- Candelaria
CARTER
CHLD VLG -- Children's Village
COMM BLDG
COURTS
CRABBE
ETHERTON
FRASIER
FRA THEA -- Frasier Theatre
FTLG MHC -- Ft. Logan Mental
Health Clinic
GRAY
GNTR FLD -- Gunter Field
HI HILLS -- Highland Hills Golf Course
JCKSN -- Jackson Field
KEPNER
LRCTY HD -- Larimer Co. Health Dept. McKEE
MICHENER
MRCY -- Mercy Hospital
MUS ANEX -- Music Annex
POOL
PUBLIC SC -- Public Schools
ROSS
TRICT HD -- Tri-County Health Dept.
UNIV CNTR -- University Center
W CMPS FD -- West Campus Fields
WARNOCO -- (roller skating)
WCGH -- Weld County General Hospital
WELD MHC -- Weld Mental Health Center WLD HDPT -- Weld Health Dept.


## PRE-SESSION

## COLLEGE OF ARTS AND SCIENCES

## Biological Science



## Earth Sciences



## English

8. 20 AM LES $403-502$ WKSHOP TCHG ENG FOLKLORE PTE 2 MTWTHF 8.20-12.05 MICHENER L 80 MANLEY K

## Mathematics



## COLLEGE OF EDUCATION

## Curriculum and Instruction



## Educational Administration




## Elementary Education

 CLASS 12 ALS JUNE MEETS IN
MC KEE 229

## Psychology, Counseling and Guidance



| 3 | MTWTHF MTWTHF | $8.20-11.20$ $12.20-20$ | MC | KEE | 221 | Rave |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 3 | MT WTHF MT WTHF | $\begin{array}{r} 8.20-11.20 \\ 12.20-1 \frac{1}{3.20} \end{array}$ | MC | KEE | 204 | OSORNO |
| 3 | MTWTHF MT WTHF | $\begin{array}{r} 8.20=11.20 \\ 12: 20=1 \frac{11}{3: 20} \end{array}$ | MC | KEE | 213 | CASE |

## Research and Statistical Methodology



| 3 | MTWTHF | $8.30=11.30$ $1: 00=14.00$ | MC | KEE | 141 | FOX A |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 3 | MTWTHF MTWTHF | $\begin{aligned} & 8.30=11.30 \\ & 1: 00=44: 00 \end{aligned}$ | MC | KEE | 230 | LYNCH | R |
| 3 | MTWTHF <br> MTWTH | $\begin{aligned} & 8.30=11.30 \\ & 1: 00=4.30 \end{aligned}$ | MC | KEE | 538 | WARD JENNI | $\begin{array}{ll} \text { JR } \\ \text { NGS } \end{array}$ |

## SCHOOL OF SPECIAL EDUCATION

| TIME |  | RSE | IITLE | PREREQUISITES AND NOTES | CR | DAYS | CLASS | TIME | BUILDING | ROOM | INSTRUCTOR |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| arrangeo | EOSE | 494-510 | SUPV FLU PRL SOC REH SERV | COURSE GRADED AS S OR U SEE CURRENT CATALOG JUNE 12 - AUG 16 |  | ARRANG |  |  |  |  |  |
|  | EDSE | $644-570$ | PKACT VIS handicapped | CREDIT VARIES ${ }^{3} \mathbf{3 - 1 5}$ HRS | 3 | ARRANG |  |  |  |  | NAPIER G |
|  | CDSE | $644-571$ | PKACT VIS HANOICAPPED | CREOIT VARIES 3-15 HRS JUNE 12 - AUG 18 | 6 | ARRANG |  |  |  |  | NAPIER G |
|  | EDSE | $644=572$ | Pract vis handicapped | CREDIT VARIES $3-15$ HRS JUNE 12 - AUG 18 | 9 | ARRANG |  |  |  |  | NAPIER G |
|  | EOSE | 648-570 | PRACT ORILNT \& MOS BLD | CREDIT VARIES 12-0 HRS JUNE 12 - AUG 18 | 12 | ARRANG |  |  |  |  | KAPPAN 0 |
|  | tose | $648-571$ | PKACT ORIENT \& MOB BLD | CREDIT VARIES 12- 0 HRS JUNE 12 - AUG 18 | 12 | ARRANG |  |  |  |  | FERRARO J |
|  | LDSE | $664-570$ | LINTERNSHIP=SP=LANG PATH | SEE CURRENT CATALOG COURSE GRADED AS S OR U JUNE $12-$ aUG 18 | 15 | ARRANG |  |  |  |  | UNDERWOOD J |
|  | EDSE | 664-571 | INTERNSHIPMPMLANG PATH | SEE CURRENT CATALOG COURSE GRADED AS S OR U JUNE 12 - AUG 18 | 15 | ARRANG |  |  |  |  | LUNDEEN D |
|  | EDSE | $674=570$ | EXTERNSHIP IN AUDIOLOGY | JUNE 12 - AUG 18 | 3 | ARRANG |  |  |  |  | HULL R |
|  | EOSE | $674=571$ | EXTERNSHIP IN AUDIOLOGY | JUNE 12 - AUG 18 | 6 | ARrang |  |  |  |  | HULL R |
|  | EDSE | 6 $674=572$ | EXTERNSHIP IN AUDIOLOGY | JUNE 12 - AUG 18 | 9 | Arrang |  |  |  |  | HULL R |
|  | CDSE | -94-570 | sup clin prac rehtab co | PCG 612 <br> MAJORS ONLY <br> CREDIT VARIES $8=16$ HRS JUNE 12 - AUG 18 | 8 | ARRANG |  |  |  |  |  |
|  | EDSE | $694=571$ | jup CLIN PKAC REHAB CO | PCG 612 MASORS <br> CREDIT VARIES 8-16 HRS <br> JUNE 12 - AUG 18 | 8 | ARRANG |  |  |  |  |  |
| 3.20 AM | EDSE | 320-502 | INTRO EJ SUL EMOT DIST | JUNE 12 - JUNE 16 | 3 | MTWTHF | 8.20 | 4.05 | MC KEE | 1150 | RESNICK N |
|  | EDSE | 326-502 | INTRO TCHG LO CHILDREN | JUNE 12 - JUNE 16 | 3 | MTWTHF | 8.20- | 4.05 | MC KEE | 151 |  |
|  | coSE | 5680502 | PK INT CON PER SP LAN HND | EDSE ${ }^{464}$ SO MEETS IN CLASS ALSO MEETS IN MC KEE 140 JUNE 16 | 3 | MTWTHF | $8.20=$ | 4.05 | mC KEE | 139 | UNDERWOOD J |
| 12. 20 P/1 | EOSE | 474-506 | PrAct aluilulugy | EDSE 372 EDSE 374 INTOR <br> REQLAB ARR <br> JUNE 12 - AUG 18 | 2 | TH | 12.20- | 1.25 | MC kee | 253 | HULL R |
|  | EDSE | 4750506 | Prac rehaid hud-PEDIATRIC | EDSE 477 <br> CONSENT OF INSTRUCTOR REG LAB ARR <br> CKEDIT VARIES $2=12$ HRS <br> JUNE 12 - AUG 18 | 2 | TH | 12.20- | 1.25 | MC KEE | 253 | kaley R |
|  | EDSE | 476-506 | PKAC AUR KEHAB-AD GER | EDSE 479 <br> CONSENT OF INSTRUCTOR <br> RE9 LAB ARR <br> CREDIT VARIES $2=12$ HRS <br> JUNE 12 - AUG 18 | 2 | TH | 12.20- | 1.25 | MC KEE | 253 | TRAYNOR JR |
| 1.40 PM | cose | 214-507 | CLIN OBSERV IN AUDIOLOGY | REQ LAB ARR <br> JUNE 12 - AUG 18 | 2 | M | 1.40= | 2.45 | MC KEE | 135 | KALEY R |
|  | EDSE | $374-507$ | AUV OBSERV IN AUDIOLOGY | EDSE 274 CREDIT VARIES $2=12$ HRS REJ LAB ARR <br> JUNE 12 - AUG 18 | 2 | M | $1.40=$ | 2.45 | MC KEE | 138 | TRAYNOR JR |
|  | EDSE | $564=507$ | GRAD PRACI SP-LANG PATH | EDSE 464 CONSENT OF INSTRUCTOR COURSE GRADED ASS OR U JUNE 12 - AUG 18 | 2 | F | 1.40 - | 2.45 | B I SHOP $=1$ | 139 | BOTTENBERG |

## COLLEGE OF PERFORMING AND VISUAL ARTS



SCHOOL OF BUSINESS (Includes Journalism)


## SCHOOL OF HEALTH, PHYSICAL EDUCATION AND RECREATION

\author{

Physical Education <br> \begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|}

\hline 3.00 \& AM \& HPER \& 508-5J2 \& WKSP \& $P E=R E L$ \& SPEC \& POPULAT \& | CREDIT |
| :--- |
| JUNE 12 |
| 2 GOUBL | \& VARIES 2 - JUNE E PERIO \& \[

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\] \& \& 3 \& MTWTHF MTWTHF \& \[

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& 8.00 \mathrm{~m}=12.30 \\
& 1.00=4.00
\end{aligned}
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\] \& B TLR $=$ HNK \& 221 \& HURLEY \& L <br>

\hline 9.00 \& AM \& HPER \& 508-503 \& AKSP \& ADV Cla \& CH \& OM TRACK \& | CREDIT |
| :--- |
| JUNE 12 |
| 2 DOUBL | \& VARIES - JUN \& \[

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\] \& HRS \& 2 \& MTWTHF MTWTHF \& \[

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\begin{aligned}
& 9.00=12.00 \\
& 1.00=3.00
\end{aligned}
$$
\] \& B TLR=HNK \& 220 \& HCWARD \& C <br>

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\end{tabular}

Health and Safety


SCHOOL OF INDUSTRIAL TECHNOLOGY AND HOME ECONOMICS

## Home Economics



## Industrial Arts



## SCHOOL OF NURSING



## INTERDISCIPLINARY PROGRAMS



## Vocational Education




Anthropology


## Biological Science




Black Studies



Communication



## Earth Sciences (See Interim Session for other courses beginning after August 13.)



## Economics




Foreign Language


## Geography

| TIME CJURSE | 11 TLE | PREREQUISITES AND NOTES | CR CAYS | CLASS TIME | BUILDING | ROOM | INSTRUCTOR |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ARRANGEU GEOG S92-C70 | FIELO COUKSE GẼOGRAPHY |  | 10 ARRANG |  |  |  | DIETZ J |
| 3. $\angle 0$ AM GEOG 100-002 | WURLD GEDGRAPHY | JUNE 19 - JULY 14 DOUBLE PERIOO | 5 MTWTHF | $8.20=10.45$ | CANDLRIA | 255A | KEARNS K |
| GEOG 3 S 4 -CO2 | MAPS AND THEIR USES | JUL Y 17 - AUG 11 | 2 MTWTH | $8.20=9.25$ | CANDLRIA | 206 | SCOTT S |
| 9.40 AM GEDG 326-CJ3 | AFRICA | JUNE 19 - AUG 11 | 5 MTWTHF | $9.40-10.45$ | CANDLRIA | 206 | LEHRER P |
| 11.00 AM GEOG 353-005 | GEOG OF THE GREAT PLAINS | JULY 17 - AUG 11 | 2 MTWTH | 11.00-12.05 | CANDLRIA | 206 | SCOTT S |
| 12. 20 PM GEOG $333=006$ | SUUTH AMERILA | JUNE 19 - JULY 14 DOUBLE PERIOD | 3 MHF | 12.20-2.45 | CANDLRIA | 2554 | KEARNS K |
| GEOG 343-006 | EUROPE | JUNE 19 - AUG 11 | 3 MWH | 12.20-1.25 | CANCLRIA | 206 | LEMRER P |
| 1.40 PM GEOG 3740007 | SLM Geographic education | JULY 17 - JULY 28 | 3 MTWTHF | $1.40=5.25$ | CANDLRIA | 255A | COLE 0 |
| LEOG 581-0.07 | Scminar in africa | JUNE 19 - AUG 11 | 3 TH | $1.40=5.25$ | CANDLRIA | 208 | LEHRER P |
| GEJG GJJ-0uT | Intro to gral study | JUNE 19 - AUG 11 | 3 T | $1.40-5.25$ | CANDLRIA | 208 | KEARNS K |

## History



## Mathematics



| TIME | cou | URSE | IIILE | PREREQUISITES AND NOTES | CR | DAYS | CLASS TIME | BUILDING | ROOM | INS TRUCTOR |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 7.00 AM | MATH | $380-001$ | İIMPUTER PRUGRAMMING | $\begin{aligned} & \text { MATH } 124 \\ & \text { SEE MATH } 380 \text { L } 19 \text { REQ LAB } \\ & \text { JUNE } 19-{ }_{\text {AUG }}{ }^{\text {RE }} \end{aligned}$ | 4 | M W F | 7.00-8.05 | ROSS | 306 | CAVANAGH T |
|  | MATH | 402-001 | FUUNO OF ARITH | JUNE 19 - AUG 11 | 3 | M W F | 7.00-8.05 | ROSS | 305 | tolar R |
|  | MED | 674-001 | Pkobs tealh SR hi math | MATH 341 MED 672 <br> JUNE 19 - AUG 11 | 4 | MTW | 7.00-8.05 | ROSS | 304 | mC nerney c |
| 8.20 AM | HATH | 123-002 | INTERMEDIATE ALGEBRA | SEE CURRENT CATALOG JUNE 19 - AUG 11 | 5 | MTWTHF | 8.20-9.25 | ROSS | 300 | CAVANAGH T |
|  | MATH | 191-002 | BAS IC MATHEMATICS 1 | JUNE 19 - AUG 11 | 3 | M W | 8.20-9.25 | ROSS | 305 | ANDERS F |
|  | MATH | 321-302 | elem lineak algebra | MATH 131 - AUG 11 | 4 | MTW | 8.20-9.25 | ROSS | 304 | SCHMIDT D |
|  | MATH | 395-002 | ACTIVITIES IN ELEM MATH | MATH 191 MATH 192 JUNE 19 - AUG 11 SOJ GRADING | 2 | TH | 8. 20-10.30 | ROSS | 36 | MC NERNEY C |
|  | MATH | 543-002 | Mudern geumetry 1 | JUNE 19 - AUG 11 | 4 | MTW F | 8.20-9.25 | ROSS | 302 | FISCH F |
|  | MED | 678=002 | SP TOP COMPUTER LITERACY | JUNE 19-AUG 11 | 3 | MW F | $8.20-9.25$ | ROSS | 306 | MC NERNEY $C$ |
| 9.40 A.M | MATH | 192-003 | Easic mathematics 2 | MATH 191 - AUG 11 | 3 | M W F | 9.40-10.45 | ROSS | 305 | ANOERS F |
|  | MATH | 4640003 | INTRO HISI OF MATH | $\begin{aligned} & \text { MATH } 133 \\ & \text { JUNE } 19 \end{aligned} \text { - AUG } 11$ | 3 | M W F | $9.40-10.45$ | ROSS | 302 | FISCH F |
|  | MATH | 510-003 | Siminar in math | $\operatorname{SUNE}_{S=U} 19 \text { GRADING }$ | 1 | TH | $9.40-10.45$ | ROSS | 302 | ELLIOTT D |
|  | MATH | 521-C03 | mudern algebra 1 | MATH ${ }^{323}$ - AUNE 19 | 4 | MTW | 9.40-10.45 | ROSS | 304 | ELLIOTT O |
|  | MATH | 6200003 | THECRY OF FIELDS | MATH 522 IUNE 19 | 3 | M W | 9.40-10.45 | ROSS | 303 | tolar R |
|  | MED | 678-C03 | MATH FOR SPEC CHILDREN | JUNE 19 - AUG 11 | 3 | M H | $9.40-10.45$ | ROSS | 300 | POPEJOY W |
| 11.00 AM | MATH | 115-005 | ESSENTIALS UF MATH 1 | JUNE 19 - AUG 11 | 3 | M W F | 11.00-12.05 | ROSS | 300 | SCHWEERS JR |
|  | MATH | 124-325 | COLLEGE ALGEBRA | SEE CURRENT CATALOG JUNE 19 - AUG 11 | 5 | MTWTHF | 11.00-12.05 | ROSS | 301 | ANDERS F |
|  | MATH | 525-c05 | LINEAR ALGEBRA 1 | MATH 322 <br> JUNE 19 - AUG 11 | 3 | M W F | 11.00-12.05 | ROSS | 302 | SCHMIDT D |
|  | MATH | 591-005 | theory of numbers | MATH ${ }^{322}$ - AUG 11 JUNE $19{ }^{-1}$ - AUG 11 | 4 | MTH F' | 11.00-12.05 | Ross | 305 | BOSCH W |
|  | MEO | 672-005 | CURR IN SEC MATH | JUNE 19 - AUG 11 | 4 | MTW F | 11.00-12.05 | ROSS | 304 | POPEJOY W |
| 12.20 PM | 10 | 308-006 | PaAGET FOR EDUCATORS | SUNE GRADINGUNE 29 | 3 | MTWTHF | 12:20- 12.2000 | CANDLRIA | 266 | POPEJOY W |
|  | MATH | 535-006 | IINTRO ANALYSIS 1 | MATH 133 <br> JUNE 19-AUG 11 | 4 | MTW F | 12.20-1.25 | ROSS | 302 | SCHMIOT D |
|  | MATH | 560-006 | intru coma variables | MATH 433 <br> JUNE 19 - AUG 11 | 3 | M W F | 12.20-1.25 | Ross | 305 | BOSCH W |
|  | MEO | 577-006 | READING IN MATHEMATICS | CREDIT VARIES 3 m 0 HRS SmU GRADING <br> JULY 5 - JULY 14 | 3 | MTWTHF | 12.200 $12.20-4.00$ 4.00 | R OS S | 36 | SCHWEERS JR |
| 1.40 PM | ME J | 511-007 | HAND-HELD LALCULATORS | CREDIT VARIES 3-0 HRS $s=3$ GRADING <br> JULY 31 - AUG 11 | 3 | MTWTHF | 1.40-4.40 | ROSS | 300 | SCHWEERS JR |
| 7.00 AM | MATH | 380-121 | Cumputer pkugramming | 2 ADOL HOURS ARR JUNE 19 - AUG 11 | 0 | T | 7.00-8.05 | ROSS | 306 | CAVANAGH T |

## Mexican-American Studies



## Philosophy



## Physics



## Political Science



## Science Education



| TIME |  | SE | IIILE | PREREQUISITES AND NOTES | CR | OAYS | CLASS TIME | BUILDING | ROOM | INSTRUCTOR |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 11.00 AM | 10 | 303-005 | hum quest and list | JUNE 30 - JULY 10 | 1 | MThthf | 11.00-12.30 | ROSS | 303 | SUND R |
|  | SCEO | $470 \cdot 005$ | TCH SCI-ELEM SCHO | $\begin{aligned} & \text { PTE SCED } 470{ }^{\text {PI }} \mathrm{P}^{\text {REO LAB }} \\ & \text { SEEE } \end{aligned}$ | 3 | T TH | 11.00-12.05 | Ross | 358 | HACKETT J |
|  | SCED | 177-C05 | EVALUATION TESTING SCI | RSM 504 SCED 676 JUNE - AUG | 3 | M W F | 11.00-12.05 | ROSS | 357 | TROWBRIDGE |
| 12.20 PM 1 |  | 508-606 | Greativity 1 | JULY 10 - JULY 14 | 2 | MTWTHF | 12.20-3.50 | MICHENER | 83 | SUNO R |
|  | 10 | j08-C26 | PIAGET FOK EOUCATORS | JUNE $20-$ JUNE 29 | 3 | MTWTHF | 12.20- 4.00 | CANDLRIA | 266 | SUND R |
|  | SCI | 303-006 | ELEM HIULUGICAL SCIENCE |  | 3 | T TH | 12.20m 5.00 | Ross | 358 | OLSON K |
| 1.40 PM S | SCED | 679-007 | SLI CUR R JK HIGH SCHOUL | JULY 17 - JULY 28 |  | MTWTHF | 1.40-4.30 | ROSS | 357 | HACKETT J |
| 3.00 PM S | SCE | 8-009 | SCIENCE ED SEMINAR | JUNE 19 - AUG 11 | 1 | T | 3.05 m 4.05 | ROSS | 357 | CROCKETT G |
| IASURATURIES |  |  |  |  |  |  |  |  |  |  |
| 7.00 AM S | SCI | 309.111 | SLIENCE FLR ELEM TEA |  |  | M h | $7.00-8.05$ | RCSS | 357 | CROCKETT 6 |
| B. 20 AM S | SCED | 410-112 | TCH SCI-ELEM SCHO |  |  | MW F | 8.20-9.25 | Ross | 358 |  |
| 11.UO AM SCED 470-115 L ILH SCI-ELEM SCHC |  |  |  |  | 0 | M W F | 11.00-12.05 | ROSS | 358 |  |
| 12.20 PM S | SCI | 303-116 | elem biolligical science |  | 0 | M W F | 12.20-5.00 | ROSS | 358 | OLSON K |

## Sociology

| 3. 20 Am | suc | 210-002 | SuCiAL MOVEMENTS | SOC JUNE 100 - AUG 11 | 3 | M W F | 8.20-9.25 | CANDLRIA | 142 | WILLOUGHBY G |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | SOC | 2400002 | CKIMINOLOGY | $\begin{aligned} & \text { SOC } 100 \\ & \text { JUNE } 19=\text { AUG } 11 \end{aligned}$ | 4 | MT THF | $8.20-9.25$ | CANOLRIA | 146 | QUAMMEN F |
|  | SOC | $334=032$ | Suc of future | $\begin{aligned} & \text { SOC } 100 \\ & \text { JUNE } 19 \text { - AUG } 11 . \end{aligned}$ | 3 | M W F | 8.20-9.25 | CANDLRIA | 151 | MARSHALL J |
| 9.40 Al | SOC | 100-033 | PKINCIPLES OF SCCIOLOGY | JUNE 19 - AUG 11 | 5 | MTW THF | $9.40-10.45$ | CANOLRIA |  | MARSHALL J |
|  | SOC | 272-003 | the coimmuinity | $\operatorname{SOC} 100 \text { = AUG } 11$ | 3 | M W F | 9.40-10.45 | candlria | 142 | WILLOUGHBY G |
|  | SOC | 424.033 | SUCIOLOGY OF CRIM LAW | $\begin{aligned} & \operatorname{SOC}_{\text {JUNE }} 100 \\ & \text { - AUG } 11 \end{aligned}$ | 4 | Mt thf | $9.40=10.45$ | CANDLRIA | 265 | QUAMMEN F |
|  | soc | 612-C03 | seminar in communication | $\begin{aligned} & \text { SOC } 100 \\ & \text { JUNE } 19 \text { - AUG } 11 \end{aligned}$ | 3 | M W F | 9.40-10.45 | CANDLRIA | 135 | STEIN R |
| 11.00 AM | SOC | 221-035 | suc IOLGGY Of SEX ROLES | $\begin{aligned} & \text { SOC } 100 \\ & \text { JUNE } 19 \text { - AUG } 11 \end{aligned}$ | 3 | M W F | 11.00-12.05 | CANDLRIA | 146 | STEIN R |
| 12.20 PM | SOC | 310-036 | SUCIAL PSYCHOLOGY | $\begin{aligned} & \text { SUC } 100 \\ & \text { JUNE } 19 \text { - AUG } 11 \end{aligned}$ | 3 | M W F | 12.20-1.25 | CANDLRIA | 151 | MARSHALL J |
|  | SOC | 340-006 | Juvenile uelinquency | JUNE 19 - AUG 11 | 4 | MT thf | 12.20-1.25 | CANDLRIA | 142 | quammen f |
|  | SOC | 351-C06 | SUCIAL THEUKY I | $\begin{aligned} & \text { SOC } 100 \\ & \text { JUNE } 19 \text { - AUG } 11 \end{aligned}$ | 4 | M WTHF | 12.20-1.25 | CANCLRIA | 265 |  |

## COLLEGE OF EDUCATION

## College Student Personnel Administration

| ARRANGED | CSPA | $660-C 70$ | PRACTICUM-HEALTH SERVICES | CONSENT UF INSTRUCTOR COURSE GRADED AS S OR JUNE 19 - AUG 11 | U | 2 | ARRANG | ERICSON W |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | CSPA | 661-0 70 | PKACTICUM CULLEGE TEACHIN | CUNSENT OF INSTRUCTOR CIURSE GRADED AS S OR JUNE 19 - AUG 11 | $u$ | 2 | ARRANG | SMART 0 |
|  | CSPA | 664-C70 | Pract icummplacement | COVSENT OF INSTRUCTIOR COURSE GRADED AS S OR JUNE 19 - AUG 11 | $u$ | 2 | ARRANG | BEST W |
|  | CSPA | 665-07C | PKACTICUM ULAN'S OfFICE | CONSENT OF INSTRUCTUR COURSE GRADED AS S OR JUNE 19 - AUG 11 | $u$ | 2 | ARRANG | FOOTE B |
|  | CSPA | $667-C 7 C$ | PKACTICUMALUMISSIONS | CONSENT OF INSTRUCTOK COURSE GRADED AS S OR JUNE 19 - AUG 11 | $u$ | 2 | ARrang | Miller G |


| THME COURSE | IITLE | PREREQUISITES ANO NOTES | CR DAYS | CLASS TIME BUILDING | ROOM | INSTRUCTOR |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| CSPA $670-070$ | IINTERNSHIP IN CSPA | CONSENT OF INSTRUCTOR COURSE GRADED AS S OR U JUNE 19 - AUG 11 | 6 ARRANG |  |  | MILLER G |
| 3. 20 AM LSPA O50-002 | こUlLEGE \& SIUDENT DEVEL | juive 19 - aug 11 | 4 MWF | 8.20-9.25 MC KEE | 137 | OPPELT N |
| CSPA 657-C02 | FIN AIDS AND PLACMT SERV | JUNE 19 - AUG 11 | 4 T TH | 8.20-10.45 MC KEE | 144 | $\begin{aligned} & \text { KERNS JR M } \\ & \text { BEST } \end{aligned}$ |
| 11.00 AM CSPA 152005 | CURRENT ISSUES IN CSPA | CONSENT OF INSTRUCTOR <br> JUNE 19 - AUG 11 | 3 T TH | $11.00-12.05 \mathrm{MC} \mathrm{KEE}$ $11: 00=11.25$ | 144 | BOWEN J |
| 3.00 PM CSPA 758-009 | Scminar in cspa | COURSE GRAUED AS S OR U JUNE 19 - AUG 11 | $0 \quad T H$ | $3.00-5.00$ GRAY | 6 | STUTLER D |

## Curriculum and Instruction



## Educational Administration



| $\therefore \mathrm{AME}^{\text {c }}$ | COJRSE | IIILE | PREREQUISITES AND NOTES | CR | DAYS | CLASS TIME | BUILDING | ROOM | INSTRUCTOR |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 11.00 AM | EDAD 000-005 | SEM RESCH EUUC ADMIN | JUNE 19 - AUG 11 | 3 | $M W F$ | 11.00-12.05 | CANDLRIA |  | RITTER E |
|  | EDAO 670-005 | ELEM SCH LRU ADMIN SUPV |  | 3 | M W F | 11.00-12.05 | MC KEE | 426 | SCHROEDER G |
|  | EDAD 745-005 | SCM EXEC LURSP | SEE CURRENT CATALOG JUNE 19 - AUG 11 | 3 | M W F | 11.00-12.05 | MC KEE | 423 |  |
| 12.20 PM | EOAD 521-006 | INTRO TO GKG \& ADMIN THRY | JUNE 19 - AUG 11 | 2 | I TH | 12.20-1.25 | MC KEE |  |  |
|  | EDAO 525-CO6 | INTRU ORG AUMIN PUB SCH | June 19 - AUG 11 | 3 | ${ }^{1} \mathrm{TH}$ | 12.20-20 2.45 | CANDLRIA | 45 | SOLOMON D |
|  | EOAL 630-C06 | MJHDS OF LUMP EDUC PLNG | JUive 19 - AUG 11 | 3 | M W F | 12.20-1.25 | MC KEE | $137$ | MONTGOMERY D |
|  | EDAD $671-006$ | SEC SCH OKG ADMIN SUPV | JUNE 19 A AUG 11 CLAS SEALSO MEETS IN | 3 | M W F | 12.20-1.25 | MC KEE | $426$ | SOLOMON D |
| 1.40 PM | EDAD 041-037 | SEM DEC THRY | SEE CURRENT CATALOG JUNE 19 - AUG 11 | 3 | M | 1.40-5.25 | MC KEE | 426 | LUKETICH D |
|  | EDAD 641-027 | Stm dec they | SEE CURRENT CATALOG JUNE 19 - AUG 11 | 3 | M | $1.40=5.25$ | MC KEE | 428 |  |
|  | EDAD 6420007 | SEM COM THRY | SEE CURRENT CATALOG JUNE 19 - AUG 11 | 3 | W | 1.40-5.25 | MC KEE | 426 | SINGER R |
|  | EDAD 642027 | SCM COM ThRy | SEE CURRENT CATALOG JUNE 19 - AUG 11 | 3 | W | 1.40-5.25 | MC KEE | 428 |  |
|  | EDAD $043-607$ | JEM MGT SYS ANAL | SEE CURRENT CATALOG JUNE 19 - AUG 11 | 3 | T | 1.40-5.25 | MC KEE | 426 | RITTER E |
|  | EDAD -43-027 | SEM MGT SYS ANAL | SEE CURRENT CATALOG JUNE 19 - AUG 11 | 3 | I | $1.40-5.25$ | MC KEE | 428 | LEACH G |
|  | EDAD 650-007 | SCH PERS AUMIN | June 19 - aUg 11 | 3 | TH | 1.40 - 5.25 | MC KEE | 426 | WILSEY C |
|  | EDAD 650-027 | SLH PERS LUMIN | JUNE 19 - AUG 11 | 3 | TH | 1.40-5.25 | MC KEE | 428 |  |

Educational Field Experiences


## Educational Media



## Elementary Education and Reading

| TIME | course | IITLE | PREREQUISITES AND NOTES |  | DAYS | CLASS TIME | BUILDING | ROOM | INSTRUCTOR |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ARRANGED | EDRD 654-070 | REACING CENTER INTERNSHP | EDRD 617 OR EDRD 627 COURSE GRADED AS S OR U JUNE 19 - AUG 11 |  | ARRANG |  |  |  | Claybaugh a |
| 7.00 AM | EDEC 648-001 | PSYCHOLINGUISTICS | JUNE 19 - AUG 11 | 3 | M W F | 7.00-8.05 | MC KEE | 228 | BURRON D |
|  | EDEL 130-001 | ICH HANDWK SPELL EL SCH | PJUEEE 19 - AUG 11 | 2 | T TH | $7.00-8.05$ | MC KEE | 229 | nebel d |
|  | EDEL 340-001 | IMPR INSTR ENG ELEM SCH | PJTENE 19 - AUG 11 | 3 | M W F | 7.00-8.05 | mC kee | 229 | NEBEL D |
|  | EDEL 630-001 | handur Spell elem Sch | CLASE 19 ALSOM MUGETS IN MC KEE 220 | 2 | T TH | 7.00-8.05 | mC kee | 219 | mosbo a |
|  | EDEL 676-001 | JKAL LANG EXT BIL CH | june 19 - aug 11 | 3 | M W F | $7.00-8.05$ | MC KEE | 219 | GARCIA P |
|  | EORU 314-001 | IMPR INSTK LIT ELEM SCH | PTE <br> JUNE 19 - AUG 11 | 2 | T TH | $7.00-8.05$ | MC KEE | 228 | DAMGAARD T |
|  | EDRD 617-001 | remedial read elem sch | REQ LAB ARR EDRD 613 <br> JUNE $19{ }^{\text {E O }}$-AUG 11 | 4 | M W F | 7.00-8.05 | mC kee | 22 | WILSON M |
|  | EDRD 627-001 | remedial read sec sch | REQ LAB ARR JUNE 19 - AUG 11 | 4 | M W F | $7.00-8.05$ | MC KEE | 23 | BROWN D |
|  | EDRD $545-0.1$ | SEM RSRCH G ANALYSIS RDG | EDRU 310 OR EDRD 411 JUNE 19 - AUG 11 | 3 | M W F | $7.00-8.05$ | MC KEE | 220 | Claybaugh a |
|  | EDRO $050-001$ | Remeoial read case stuor | SEE CURRENT CATALOG EDRD 617 OR EDRD 627 COURSE GRADED AS S OR U JUNE 19-AUG II | 3 | 1 | 7.00-8.05 | MC KEE | 22 | george K |
|  | E020 aju-021 | REMEDIAL READ CASE STUOY | SEE CURRENT CATALOG EDRD 617 OR EDRD 627 COURSE GRADED AS S OR U | 3 | TH | 7.00-8.05 | MC KEE | 22 | SCHULTHEIS M |
|  | EORD O5J-031 | remedial read case study | SEE CURRENT CATALOG EDRD 617 OR EDRD 627 COJRSE GRADED AS S OR U JUNE 19 - AUG 11 | 3 | TH | 7.00-8.05 | MC KEE | 23 | BROWN D |
|  | EDRD O52-001 | REMEDIAL READ INTERNSHIP | SEE CURRENT CATALOG EDRD 617 OR EDRD 627 COURSE GRADED AS S OR U JUNE 19 - AUG 11 | 3 | $T$ | 7.00-8.05 | mC KEE | 23 | TRIPLETT L |
| 8.20 AM | EDEC 463-002 | CLAG TCHG EARLY CHDHO | June 19 - AUG 11 | 3 | $\mathrm{T}^{\text {TH }}$ | $\begin{aligned} & 8.20-10.45 \\ & 8.20=9.25 \end{aligned}$ | MC KEE | 229 | MORRIS M |
|  | EDEC 6000 CO2 | CRIT ISSUES KDG EDUC | June 19 - aug 11 | 3 | $\mathrm{T}^{\text {TH }}$ | $\begin{aligned} & 8.20=10.45 \\ & 8: 20=9.25 \end{aligned}$ | MC KEE | 219 | HENRY $P$ |
|  | EDEC 662-032 | ReSEARCH EARLY CHCHO ED | JUNE 19 - AUG 11 | 3 | M W F | 8.20-9.25 | MC KEE | 228 | LEWIS J |
|  | EOĖL 340-0J2 | IMPR INSTK ENG ELEM SCH | PTE <br> JUNE 19 - AUG 11 | 3 | M W F | $8.20-9.25$ | MC KEE | 229 | NEBEL D |
|  | EDEL O25-332 | SEMINAR ELEM SCHOOL MATH | EDEL 320 OR EDEL 620 U JUNE 19 - AUG 11 | 3 | MWF | 8.20-9.25 | MC KEE | 219 | ARNOLD W |
|  | EDEL OJJ-0J2 | SOC STUD IN ELEM SCH | JUNE 19 - AUG 11 | 3 | M W F | 8.20-9.25 | B I SHOP-L | 220 | Kelly E |
|  | EDECL -73-002 | OIAG TEST EVAL BIL PROGM | Juive 19 - AUG 11 | 3 | ${ }^{\top}$ TH | $\begin{aligned} & 8 \cdot 20=10: 45 \\ & 8: 20=9: 25 \end{aligned}$ | MC KEE | 220 | CORDOVA J |
|  | EORO $\$ 10003$ | IMPR INSTK REAC ELEM SCH | ${ }^{\text {P JUE }}$ TE 19 - AUG 11 | 3 | ${ }^{\top}$ TH | $\begin{aligned} & 8.20-10.45 \\ & 8.20=9.25 \end{aligned}$ | mC kee | 22 | BURRON A |
|  | EDRD 521-002 | ROG in content fields | JUNE 19 - AUG 11 | 3 | ${ }^{\top}{ }_{\text {TH }}$ | $\begin{aligned} & 8.20=10.45 \\ & 8.20=9.25 \end{aligned}$ | MC KEE | 23 | LYNN J |
|  | EDRO $514=032$ | LST IN ELEM SCHCOL | JUNE 19 - AUG 11 | 2 | T TH | 8.20-9.25 | MC KEE | 228 | LOWRY B |
|  | EDRD 617-002 | remedial kead elem sch | REQ LAB ARR <br> EDRD 612 OR EDRD 613 <br> JUNE 19 - AUG 11 | 4 | M W F | 8.20-9.25 | MC KEE | 22 | WILSON M |
|  | EDRD 627-002 | Remedial read sec sch | REQ LAB ARR JUNE 19 - AUG 11 | 4 | M W F | $8.20-9.25$ | MC KEE | 23 | BROWN D |
|  | EDRD $045=032$ | SEM RSRCH \& ANALYSIS ROG | EDRD 310 OR EDRD 411 <br> JUNE 19 - AUG 11 | 3 | M W F | 8.20-9.25 | MC KEE | 220 | Claybaugh a |
| 9.40 AM | EDEC $067-003$ | NURSERY SCHOOLS DISAOV | June 19 - AUG 11 | 3 | M W F | 9.40-10.45 | MC KEE | 229 |  |
|  | EDEL S50-003 | IMPR INSTR SS ELEM SCH | PTEE 19 - AUG 11 | 3 | M W F | 9.40-10.45 | MC KEE | 228 | LOwry b |
|  | EDEL O12-003 | ELEM SCHCOL CURRICULUM | JUNE 19-AUG 11 | 3 | $T^{\text {TH }}$ | $\begin{array}{r} 9.40=12.05 \\ 11: 00=12.05 \end{array}$ | mC kee | 219 | LOWRY B |
|  | EDEL 600003 | math in elem school | CLASS ALSO MEETS IN MC KEE $19{ }^{220}$ AUG 11 | 3 | M W F | 9.40-10.45 | mC Kee | 219 | ARNOLD W |
|  | EDEL O55-003 | SEMINAR ELEM SCHOOL SS | EDEL 350 OR EDEL 650 COURSE GRADED AS S OR U JUNE 19 - AUG 11 | 3 | M W F | $9.40-10.45$ | BISHOP=L | 220 | kelly e |
|  | EDEL - 7d-003 | CUR DEV BIL PROGM | JUNE 19 - AUG 11 | 3 | $T^{\text {TH }}$ | $\begin{array}{r} 9.40-12.05 \\ 11.00-12.05 \end{array}$ | MC KEE | 220 | CORDOVA J |
|  | EDRD 314-003 | IMPR INSTR LIT ELEM SCH | PTE <br> JUNE 19 - AUG 11 | 2 | T TH | 9.40 -10.45 | MC KEE | 228 | DAMGAARD $T$ |




## Foundations of Education



## Higher Education



| TIME |  | URSE | IIILE | PREREQUISITES AND NOTES | CR | OAYS | CLASS TIME | BUILDING | ROOM | INSTRUCTOR |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| arranged | HON | 451-01C | SK HONORS | JUNE 19 - AUG 11 | 3 | ARRANG |  |  |  | BOLOCOFSKY D |  |  |  |  |  |  |
|  | PCG | 508-070 | FAMILY SYST THERAPY | CONTACT DEPARTMENT FOR DATES |  | arrang |  |  |  | blate m |  |  |  |  |  |  |
|  | PCG | $611-070$ | SUPERV PRAC IN GUIO SERV | PCG G12 OF INSTRUCTOR <br> JUNE 19 - AUG 11 | 3 | ARrang |  |  |  | OSORNO |  |  |  |  |  |  |
|  | PCG | 613-070 | SUP PRAC IN COUN CHILO | $\begin{aligned} & \text { PCG } 612 \text { OF INSTRUCTOR } \\ & \text { CUNSENT OF LUNE AUG } 11 \end{aligned}$ | 3 | ARrang |  | $\$ & & OSORNU W  \hline & PCG & 6140070 & SUP PRAC LUUN YTH ADLT & PCG 612 OF INSTRUCTOR JUNE 19 - AUG 11 & 3 & ARR-ANG & & & & OSORMO W  \hline & PCG & 6720070 & APTITUDE ANALYSIS, K-6 & $\begin{aligned} & \text { PSY } 270 \text { OR PSY } 271 \\ & \text { JUNE } 19 \text { - AUG } 11 \end{aligned}$ & 5 & ARRANG & & & & KOPLITZ E  \hline & PCG & $692-c 70$ | INTERNSHIP | CONSENT OF I NSTRUCTOR <br> CRERSE GRARED ASS OR U <br> JUNE I9 - AUG 11 | 16 | ARRANG |  |  |  | SHAW S |
|  | PCG | 7140070 | INTERN SUPERV COUNSEL | COURSE GRADED AS S OR U JUNE 19 - AUG 11 | 4 | ARRANG |  |  |  | STUTLER 0 |  |  |  |  |  |  |
|  | PCG | 7550070 | SUPER PRACI COLLEGE TCHG | CREDIT YARIES $1-9$ HRS COURSE GRADED AS $S$ OR COURSE GRADED AS S OR U | 9 | ARrang |  |  |  | WELCH I |  |  |  |  |  |  |
|  | PCG | 1750070 | INTERN SUPERV PSY TEST | COURSE GRADEO AS S OR U JUNE 19 - AUG 11 | 12 | ARRANG |  |  |  | OBRZUT J |  |  |  |  |  |  |
|  | PCG | 792-070 | INTERNSHIP | CONSENT OF INSTRUCTOR CREDIT VARIES 1 -16 HRS COURSE GRADED AS | 16 | Arrang |  |  |  | SHAW 5 |  |  |  |  |  |  |
|  | PSY | 4910070 | fielo experience | CONSENT OF INSTRUCTOR MAJCRS ONLY CREOIT VARIES 5-15 HRS COURSE GRADED AS S OR U JUNE 19 - AUG 11 | 15 | ARRANG |  |  |  | BARNARD * |  |  |  |  |  |  |
|  | PSY | $491-371$ | fleld experience | CONSENT OF INSTRUCTOR MAJORS ONLY CRECIT VARIES 5-15 HRS JUNE 19 - AUG 11 | 15 | ARRANG |  |  |  | BARNARD W |  |  |  |  |  |  |
|  | PCG | -04-301 | OLC INFO ANLY VOC GUID | SEE CURRENT CATALOG CLASS ALSO MEETS IN MC KEE 203 | 3 | M W F | $7.00=8.05$ | mC KEE | 201 | WARD M |  |  |  |  |  |  |
|  | PSY | 120-301 | general paycholugy | CLASE 19 ALSOOMGETI ${ }^{\circ}$ IN MC KEE 147 | 3 | M W F | 7.00-8.05 | MC KEE | 146 |  |  |  |  |  |  |  |
|  | PSY | 349-301 | EUUCATIONAL PSYCHULOGY | $\begin{aligned} & \text { PSY } 120 \\ & \text { PTE } 12 \text { - AUG } 11 \\ & \text { JUNE } 19 \text { - } \end{aligned}$ | 5 | M W F | 7.00 <br> $8.20-2.25$ <br> 9.25 | MC KEE | 142 | CARTER K |  |  |  |  |  |  |
| 8.20 AM | PCG | 201-002 | CUUNSELINU THEORIES | JUNE $\operatorname{CLASS}$ ALSOAUGUST METS $\frac{11}{15}$ MC KEE 222 | 3. | $\mathrm{T}^{\text {TH }}$ | $8.20-10.45$ $8.20=9.25$ | MC KEE | 221 |  |  |  |  |  |  |  |
|  | PCS | 530-002 | HUVAAN GRO \& DEVEL | June 19 - AUGUST 11 | 3 | M W F | 8.2009 .25 | mC KEE | 224 | COPELAND E |  |  |  |  |  |  |
|  | PCG | 540-032 | PaY OF PERCEP AND LEARN | June 19 - AUGUST 11 | 5 | MTWTHF | 8.20 - 9.25 | MC KEE | 223 |  |  |  |  |  |  |  |
|  | PCG | 633-002 | GUID IN THE ELEM SCHOOL | CLASE ALSOA AUG 19 II IN MC KEE 222 | 3 | M W F | 8.20-9.25 | MC KEE | 221 | NORTCN B |  |  |  |  |  |  |
|  | PCG | -08=002 | Gng admin guio serv | CLASS ALSO MUG 19 IT MC KEE 203 | 3 | M W F | $8.20-9.25$ | MC KEE | 201 | OSORNO W |  |  |  |  |  |  |
|  | PCG | 6120002 | Intro Suptr prac couns | PCG 607 <br> COURSE GRADED AS S OR U JUNE I9 MC KESE 247 | 5 | H W | 8.20-12.05 | MC KEE | 205 | RAMIREL J |  |  |  |  |  |  |
|  | PCG | - 120022 | Iintro super pkac couns | PCG 607 <br> COURREEGRADED AS S OR U JUNE 19 AL AUG 11 IN CLASS ALSO | 5 | M W | $8.20-12.05$ | mC kee | 247 | blake m |  |  |  |  |  |  |
|  | PCis | 612-032 | Intro super prac couns | PCG 607 <br> COURSE GRADED AS S OR U JUNE 19 - AUG 11 | 5 | T TH | 8. $20-12.05$ | MC KEE | 205 | tate g |  |  |  |  |  |  |
|  | PCG | 632-002 | Child psychulugy | JUNE 19 - AUG 11 | 3 | ${ }^{1}$ TH | $8.20-10.45$ $8.20{ }^{-1} 9.25$ | MC KEE | 224 | OPPELT N |  |  |  |  |  |  |
|  | PCG | 6550032 | Gummunity mental mealth | JUNE 19 - AUG 11 | 3 | $T^{T}$ TH | $8.20=10.45$ | MC KEE | 204 | Cupeland e |  |  |  |  |  |  |
|  | PCG | 073-002 | LINDIV TESTS INTELL | PCG ${ }^{\text {PUNE }}$ S70 - AUG 19 | 3 | M W F | 8.20 - 9.25 | mC KEE | 204 | CASE M |  |  |  |  |  |  |
|  | PCG | 730-C02 | SEMINAR GROWTM CEVELCP | PCG 632 OF INSTRUCTOR JUNE 19 OF AUGII | 3 | MW F | 8.20-9.25 | MC KEE | 252 | KOPLITL E |  |  |  |  |  |  |
|  | PSY | $<300002$ | human gron c devel | $\begin{aligned} & \text { PSY } 120 \\ & \text { CUNE } 19 \text { AS AUG } 11 \\ & \text { MC KEE } 147 \end{aligned}$ | 5 | MTWTHF | 8.20-9.25 | MC KEE | 146 |  |  |  |  |  |  |  |




## Research and Statistical Methodology

| 00 AM | RSM | 600-001 | INTRO GRAU STUDY RES | JUNE 20 - AUG 11 |  | M W F | $7.00-8.05$ |  | KEE | 141 | HEIN D |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 3.20 AM | RSM | 504-002 | OLSCRIP. STAT. | REQ LAB ARR JUNE 20 - AUG 11 | 4 | M W F | $8.20=9.25$ | MC | KEE | 138 | HEIN D |
|  | RSM | 5050002 | STAT. INFERENCE | $\begin{aligned} & \text { RSM } 504 \\ & \text { JUNE } 20-A U G ~ \\ & \hline 11 \end{aligned}$ | 5 | MTWTHF | 8.20-9.25 | MC | KEE | 538 | HEIMERL |
|  | RSM | - $13=002$ | intro linear models | $\begin{aligned} & \text { RSM } 603 \\ & \text { JUNE } 20-\text { AUG } 11 \end{aligned}$ | 3 | ${ }^{1}$ TH | $\begin{aligned} & 8.20=10.45 \\ & 8.20=9.25 \end{aligned}$ | MC | KEE | 141 | LYNCH R |
|  | RSM | 700-002 | INTRO DOCI RES | JUNE 20 - AUG 11 | 3 | MW F | $8.20-9.25$ | MC | KEE | 141 | CHALOUPKA |
| 9.40 AM | RSM | 504-003 | OESCRIP. STAT. | REQ LAB ARR JUNE 20 - AUG 11 | 4 | M W F | $9.40-10.45$ | MC | KEE | 538 | schmio J |
|  | RSM | - J0-033 | INTRO GSAL STUDY RES | JUNE 20-AUG 11 | 3 | M W F | $9.40-10.45$ | MC | KEE | 141 | HEIN D |
| 11.00 AM | RSM | 5J5-035 | STAT. INFLRENCE | $\begin{aligned} & \text { RSM } 504 \\ & \text { JUNE } 20 \text { - AUG } 11 \end{aligned}$ | 5 | MTWTHF | 11.00-12.05 | MC | KEE | 538 | HEIMERL |
| 12. $\angle 0 \mathrm{PM}$ | RSM | 603-006 | AnOVA-COV | $\begin{aligned} & \text { RSM } 505 \\ & \text { JUNE } 20 \text { - AUG } 11 \end{aligned}$ | 3 | M W F | 12.20-1.25 | MC | KEE | 141 | SCHMID J |
| 1.40 PM | KSM | 504-007 | U-SCRIP. STAT. | REQ LAB ARR JUNE 20 - JULY 14 | 4 | T TH | 1.40-5.25 | MC | KEE | 141 | HOUSTON S |
|  | RSM | 700-007 | Intro doct kes | JUNE 20- AUG 11 | 3 | MW | $1.40-3.50$ | MC | KEE | 141 | LYNCH R |
|  | KSM | 713-007 | PLANMMETH. UF RES. | RSM 505 <br> JUNE 20 - JULY 14 | 3 | M W | 1.40-5.25 | MC | KEE | 538 | hCUSTONS |
| 6.00 PM | RSH | 600-013 | ANTRO GRAL STUCY RES | JUNE 20 - AUG 11 | 3 | T | $6.00-9.30$ | MC | KEE | 141 | HEIN D |

SCHOOL OF SPECIAL EDUCATION





## Fine Arts




| Arranged hon | 251-070 | SOPH HONORS MUS | JUNE $20-$ AUG 11 | 1 | ARRANG | FRASIER | 153 | HIMMEL J |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Hov | 351-070 | JUNIOR HONURS MUS | JUNE 20 - AUG 11 | 1 | ARRANG | FRASIER | 153 | HIMMEL J |
| HON | 351-071 | JUNIOR HONORS MUS | JUNE 20 - AUG 11 | 2 | ARRANG | FRASIER | 153 | HIMMEL J |
| HON | د51-072 | JUNIOR HONURS MUS | JUNE 20 - AUG 11 | 3 | ARRANG | FRASIER | 153 | HIMMEL $J$ |
| HON | 451-070 | SENIOR HONORS MUS | JUNE 20 - AUG 11 | 1 | ARrang | FRASIER | 153 | HIMMEL J |
| HON | 451-071 | SENIOR HONORS MUS | JUNE 20 - AUG 11 | 2 | ARrang | FRASIER | 153 | HIMMEL $J$ |
| HON | $451-072$ | SENIOR HONORS MUS | JUNE 20 - AUG 11 | 3 | ARRANG | FRASIER | 153 | HIMMEL J |
| MUS | 100-070 | REC CONC PRUD BRASS | JUNE 20 - AUG 11 | 0 | arrang | FRASIER | 167 | BAKER E |
| mus | 100-071 | REC CONC PRUD PIANO | JUNE 20 - AUG 11 | 0 | arrang | FRASIER | 152 | SCHENKMAN W |
| mus | 100-072 | 3EC CONC PRUD STRINGS | JUNE 20 - AUG 11 | 0 | arrang | FRASIER | 254 | SKINNER H |
| MUS | 100-073 | REC CONC PRUD VOICE | June 20 - AUG 11 | 0 | arrang | FRASIER | 150 | SCHMITZ C |
| mus | 100-074 | SEC CONG PRUD WOODWINDS | JUNE 20 - AUG 11 | 0 | arrang | FRASIER | 159 | BARTLETT L |
| mus | 100-075 | REC CONG PRUD COMP | JUNE 20 - AUG 11 | 0 | arrang | FRASIER | 156 | OYKINS D |
| MUS | 1JJ=076 | REC CONC PROD PERC | JUNE 20 - AUG 11 | 0 | arrang | FRASIER | 48 | goes D |
| mus | 230-070 | STRING ENSEMBLE | JUNE 20 - AUG 11 | 1 | arrang | FRASIER | 254 | SKINNER H |
| MUS | 231-070 | BRASS ENSEMbLE | JUIVE 20 - AUG 11 | 1 | arrang | FRASIER | 167 | BAKER E |
| MUS | 232-070 | WLODWIND ENSEMBLE | JUNE 20 - AUG 11 | 1 | arrang | FRASIER | 160 | JAMIESON W |
| mus | 269-070 | INDIV PERF NON VOICE EMPH | JUNE 20 - AUG 11 | 2 | arrang | FRASIER |  |  |
| MUS | 269-071 | INDIV PERF NON VOICE EMPH | JUNE 20 - AUG 11 | 2 | Arrang | FRASIER | 153 | HIMMEL J |
| mus | 269-074 | INDIV PERF NON VOICE EMPH | JUNE 20 - AUG 11 | 2 | Arrang | FRASIER | 150 | SCHMITL C |
| MUS | 270-070 | INOIV PERT VOICE | CREDIT VARIES 2- 4 HRS JUNE 20 - AUG 11 | 2 | ARRANG | FRASIER |  |  |
| MUS | 270-071 | INDIV PERF VOICE | CREDIT VARIES 2-4 HRS JUNE 20 - AUG 11 | 2 | ARRANG | FRASIER |  | HIMMEL J |
| MUS | 273-074 | INDIV PERF VOICE | CREDIT VARIES 2- 4 HRS JUNE 20 - AUG 11 | 2 | ARRANG | FRASIER |  | SCHMITL C |
| MUS | 271-c70 | INUIV PERF PIANO | CREDIT VARIES 2-4 HRS JUNE 20 - AUG 11 | 2 | ARRANG | FRASIER | 156 | DYKINS D |






# SCHOOL OF BUSINESS (Includes Journalism) 

| arranged | BUS | 406-070 | Internship in accounting | CONSENT OF INSTRUCTOR | 12 | ARRANG |  | KEPNER | 211 | BOHRER P |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Bus | $406-C 71$ | INTERNSHIP IN MARKETING | CONSENT OF INSTRUCTOR CONSENT OF INSTRUCTOR | 12 | ARRANG |  | KEPNER | 220 | CLIthero J |
|  | Bus | 406-c72 | INTERNSHIP IN GEN BUS | CUNSENT OF INSTRUCTOR CONSENT OF INSTRUCTOR | 12 | ARRANG |  | KEPNER | 106 | Palmer g |
|  | BUS | 406-073 | INTERNSHIP IN MANAGEMENT | CONSENT OF INSTRUCTOR CONSENT OF INSTRUCTOR | 12 | ARRANG |  | KEPNER | 14 | TEGLovic J |
|  | Bus | 406-075 | INTERNSHIP IN FINANCE | CONSENT OF INSTRUCTOR CONSENT OF INSTRUCTOR | 12 | ARRANG |  | KEPNER | 205 | SHADE P |
|  | JOUR | 301-072 | JUURNALISM INTERNSHIP | SEE CURRENT CATALOG CONSENT OF INSTRUCTOR | 2 | ARRANG |  | KEPNER | 104 | ANDERSON O |
|  | JOUR | 401-072 | JUURNALISM INTERNSHIP | $\begin{aligned} & \text { SEE CURRENT CATALOG } \\ & \text { JUNIORS ONLY } \\ & \text { SENIORS ONLY } \\ & \text { MA IORS ONLY } \\ & \text { CONSENT OF INSTRUCTOR } \\ & \hline \end{aligned}$ | 15 | ARRANG |  | KEPNER | 104 | ANDERSON D |
| 7.00 AM | BUS | 220-001 | PRIN OF ACCOUNTING I | JUNE 19 - JULY 14 | 4 | MTW F | 7.00-9.25 | KEPNER | 209 | BOHRER P |
|  | BUS | 221-001 | PKin of alluunting II | $\begin{aligned} & \text { BUS } 220 \\ & \text { JULY } \\ & 17 \end{aligned} \text { - AUG } 11$ | 4 | MTW F | 7.00-9.25 | KEPNER | 209 | BOHRER P |
|  | BUS | 323-001 | CUST \& MANAG ACCTG I | $\begin{aligned} & \text { BUS } 221 \\ & \text { JUNE } 19 \text { - AUG } 11 \end{aligned}$ | 4 | MTW F | 7.00-8.05 | KEPNER | 122 | WATERMAN R |
|  | bus | 420-001 | AUV ACCOUNTING I | BUS 321 BUS 322 <br> SEE CURRENT CATALOG <br> JUNE 19 - AUG 11 | 4 | MTh F | 7.00-8.05 | KEPNER | 210 | MC CONNELL A |
|  | BUS | 600-001 | INTRO TO GEADUATE STUDY | JUVE 19 - AUG 11 | 3 | M W F | 7.00-8.05 | KEPNER | 218 | HALLOORSON M |
| $8 . \angle 0$ AM | BEVE | 566-C02 | DEVELOP OE MATERIALS | JUNE 26 - JULY 7 | 2 | MTWTHF | $8.20-10.30$ | KEPNER | 110 | RENSHAW JR P |
|  | aEVE | 580-002 | WKSPmREAD IN BUS TEACHING | CREDIT VARIES $1=4$ HRS JULY 12 - JULY 28 | 3 | M W F | 8. 20-11.45 | CANDLRIA | 264 | donnel E |
|  | BEVE | 653-C02 | IMP INST BKP BASIC BUS | JUNE 20 - JUNE 30 | 3 | MTWTHF | 8.20-11.30 | candlria | 153 | DONNEL E |
|  | beve | 104=002 | READINGS IN BUS TEACHING | $\begin{aligned} & \text { BEVE TO1 - JULY } 28 \\ & \text { JULY } 12 \text { - } \end{aligned}$ | 3 | M W F | 8.20-11.45 | CANDLRIA | 264 | DONNEL E |
|  | BUS | 101-002 | Cunsumer bus problems | JUNE 19 - AUG 11 | 3 | M W F | 8.20 - 9.25 | KEPNER | 206 | PALMER G |
|  | Bus | 180-002 | Intro to data processing | REQ LAB ARR <br> JUNE 19 - AUG 11 | 3 | $\mathrm{T}^{\text {TH }}$ | $\begin{aligned} & 8.20-10.45 \\ & 8.20=9.25 \end{aligned}$ | KEPNER | 105 | GARRISON R |
|  | Bus | 205-032 | BUSINESS CUMMUNICATIONS | JUNE 19 - AUG 11 | 3 | M W F | 8.20-9.25 | KEPNER | 101 | DE BUER W |



# SCHOOL OF HEALTH, PHYSICAL EDUCATION AND RECREATION 

Physical Education


| TIME | COURSE | IITLE | PREREQUISITES AND NOTES | CR | OAYS | CLASS | TIME | BUILDING | ROOM | INSTRUCTOR |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 12.20 PM | HPER 192-3J6 | ADV LIFE SAV AQUATIC INST | SEE CURRENT CATALOG | 4 | MTWTHF | 12.20- | 1.25 | BTLR-HNK | 150 | MALUMPHY T |
|  | HPER 2530006 | AUV FIRST AID EMERG CARE | HPER 262 | 3 | M W F | 12.20- | 1.25 | CANDLRIA | 79 | ROSSI A |
|  | HPER 426-006 | TESTS MEASUREMENTS PE | PTE <br> JUNE 19 - JULY 14 | 3 | MTWTHF | 12.20- | 1.25 | BTLR=HNK | 221 | LINDAHL V |
|  | HPER 450-006 | AUM PhYSILAL ECUCATION | $\begin{aligned} & \text { PTE } \text { JULY } 17 \text { - AUG } 11 \end{aligned}$ | 3 | MTWTHF | 12.20= | 1.25 | BTLR=HNK | 221 | MC MILLEN W |
|  | HPER 565-CJ6 | AUV COACHING PROCEDURES | BASKETBALL | 2 | T TH | 12.20- | 1.25 | CANDLRIA | 235 | WRIGHT T |
|  | HPER 641-006 | AUV ELEM PHYSICAL EDUCA |  | 3 | MTWTH | 12.20= | 1.25 | MICHENER L | 73 | STEFFY D |
|  | HPER 680-006 | Perspectives in Pe |  | 4 | MTWTH | 12.20= | 1.25 | CANDLRIA | 236 | BEHLING M CODY C |
|  | HPER 7040006 | PRUBLEMS HUMAN MOVEMENT |  | 4 | MTWTH | 12.20 | 1.25 | MICHENER L | 76 | VAN ANNE $N$ |
| 1.40 PM | HPER 4380007 | PE FOR MENTALLY IMPAIRED | JULY 10 - JULY 14 | 3 | MTWTHF | 1.40- | 5.00 | BTLR=HNK | 221 | HURLEY L |
|  | HPER 439-007 | Pe phrsically handicapped | JULY 24 - JULY 28 | 3 | MTWTHF | $1.40=$ | 5.00 | BTLR=HNK | 221 | HURLEY L |
|  | HPER 440-007 | PcrCep motur theories | JULY 17 - JULY 21 | 3 | MTWTHF | $1.40=$ | 5.00 | BTLROHNK | 221 | BEHLING M |
|  | HPER + 740007 | okiver traf safety ed i | JUNE 19 - JULY 14 | 3 | M W F | 1.400 | 2.45 | BTLR-HNK | 220 | HARRISON L |
|  | HPER 565-C07 | AUV COACHING PROCEDURES | $\operatorname{JULY}_{\text {JRACK }} 3-\text { JULY } 8$ | 2 | MTWTHF | 1.40= | 5.00 | B TLR-HNK | 221 | BENICH T |

## Health and Safety



## Recreation

| 0.00 ** | * GERO | 453-002 | InTERNSHIP IN GERO |  |  | MTWTHF |  | GUNTER | 109 | DAWSON JR E |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | HPER | 452-002 | INTERNSHIP IN RECREATION | HPER 368 <br> HPER <br> 451 <br> 1 | 18 | MTWTHF |  | GUNTER | 109 | SHIRLEY M |
|  | HPER | 452-022 | INTERNSHIP IN RECREATION | HPER 368 HPER 451 HPER | 18 | MTWTHF |  | GUNTER | 109 | VAN DINTER N |
|  | HPER | $452=0.32$ | INTERNSHIP IN RECREATION | $\begin{array}{ll}\text { HPER } & 368 \\ \text { HPER } & 451 \\ \text { HPER } \\ \text { HPR }\end{array} \mathbf{3 6 9}$ | 18 | MTWTHF |  | GUNTER | 106 | James l |
|  | HPER | -52-002 | GKAD INTERINSHIP IN HPER | CONSENT OF INSTRUCTOR CREDIT VARIES $4-16$ HRS | 16 | MTWTHF |  | GUNTER | 109 | Shirley M |
| 8.20 AM | M HPER | 363-002 | Pkugrams in recreation | SEE CURRENT CATALOG JULY 17 - AUG 11 1 HR LAB REQ | 4 | MTWTHF | 8.20 - 9.25 | GUNTER | 203 | VAN dinter N |
|  | HPÊR | 472-002 | Recreation leadoership | JUNE 19 - JULY 14 1 HR LAB REQ | 4 | MTWTHF | 8.20 - 9.25 | GUNTER | 203 | James L |
| 9.00 Al | AM HPER | う38-033 | WKSP OUTDUUR RECREATIUN | $\begin{aligned} & \text { CREOIT VARIES } 1 \text { 1- } 3 \text { HRS } \\ & \text { AUG } 14 \text { AUG } \end{aligned}$ | 2 | MTWTHF <br> MTWTHF | $\begin{aligned} & 9: 00=12: 00 \\ & 1: 00=3.00 \\ & \hline \end{aligned}$ | GUNTER | 201 |  |
| 9.40 AM | AM GERO | j30-003 | AECR FOR GLUER ADULT | JUNE 19 - JULY 14 | 3 | MTWTHF | $9.40=10.45$ | GUNTER | 203 | SHIRLEY M |
|  | GERO | 388-003 | OKCT SERV WTH OLDER PERS | JULY 17 - AUG 11 | 3 | MTWTHF | $9.40-10.45$ | GUNTER | 203 | DAWSON JRE |
| 11.00 Al | A HPER | -76-035 | SEMINAR PROBLEMS RECR | CREDIT VARIES 3-4 HRS | 4 | MTWTH | $11.00=12.05$ | GUNTER | 205 | VAN DINTER N |

## SCHOOL OF INDUSTRIAL TECHNOLOGYAND HOME ECONOMICS

## Home Economics <br> (See Interim Session for other courses beginning after August 13.)

| TIME |  | URSE | UTLE | PREREQUISITES ANO NOTES | CR | DAYS | CLASS TIME | BUILOING | ROOM | INSTRUCTOR |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ARRANGEO | HEC | 393-070 | FLU EXP IN CULTURE AWAR | JUNE 17 - JULY 7 |  | ARRANG |  |  |  | WIRICK E |
|  | HEC | 593-070 | FLD EXP IN CULTURE ANAR | JUNE 17 - JULY 7 |  | ARRANG |  |  |  | WIRICK E |
| 7.00 AM | HEC | 316-031 | CONSUMER PRUTECTION | JuLY 31 - AUG 10 | 3 | MTWTH | $7.00=10.45$ | CRABBE | 301 | EGENESS N |
|  | HEC | 516-001 | CLINSUMER PROTECTION | JULY 31 - AUG 10 | 3 | MTWTH | $7.00-10.45$ | Crabbe | 301 | EGENESS N |
|  | HECV | 464-601 | RLADING IN VOC HOME EC | SEE CURRENT CATALOG JULY 17 - JULY 27 | 3 | MTWTH | 7.00-10.45 | B ISHOP-L | 113 | PEIFFER E |
|  | HECV | 664-001 | READING VOC HOME EC | JULY 17 - JULY 27 | 3 | MTWTH | $7.00-10.45$ | BISHOP-L | 113 | PEIFFER E |
|  | HECV | 666-001 | SUPERV STUUENT TCH HEC | JUNE 20 - JULY 6 | 3 | MTWTHF | $7.00=9.25$ | CRABBE | 302 | PEIFFER E |
| 8.20 AM |  | 351-002 | NUTRITION FUR OLDER ADULT | JULY 17 - JULY 27 | 3 | MTHTH | 8.20-12.05 | CRABBE | 301 | WIRICK E |
|  | HEC | 551-002 | nutrition fur older adult | CONSENT OF INSTRUCTOR JULY 17 - JULY 27 JULY 17 - JULY 27 | 3 | MTWTH | $8.20-12.05$ | CRAbBE | 301 | WIRICK E |
|  | HECV | 508=002 | - J-HEC OCCUP UPDATE | JULY 24 - JULY 28 | 2 | MTWTHF | 8.20-12.05 | CRABbe | 302 | SORENSEN V |
|  | HECV | 566-002 | EXPLOR OCLUPATIONS HOME E | JuLY 10 - JULY 21 | 6 | MTWTHF | 8.20-4.05 | HEC HOUS |  | BURNS M SORENSEN V |
| 9.40 AM |  | 608-003 | OIRECTIONS IN HEC | JULY 3 - JULY 7 | 1 | M WTHF | 9.40-12.05 | CRABBE | 302 | BURNS M |
|  | HECV | 508-C03 | - S-EXPLOR UF CAR/CC/H/FS/ | JUNE 20 - JUNE 30. <br> 4 HRS TBA | 4 | MTWTHF | 9.40-1.25 | CRABBE | 301 | SORENSEN V |
| 11.00 AM |  | 611-005 | CUR TRENDS IN HOME MNG | JULY 10 - JULY 27 | 3 | MTWTH | 11.00-1.25 | HEC HOUS |  | EgENESS N |
| 12.20 PM |  | 395-006 | FASH DESGN-FLT PTN DFTNG | $\begin{aligned} & \text { HEC } 193-395 \text { L } 1_{1}^{\text {REQ LAB }} \\ & \text { SEEK HEC } 24-A U G G L 1 \end{aligned}$ | 2 | M W | $12.20=5.25$ | CRABBE | 106 | BURNS M |
|  | HEC | 595-006 | itSGN-FLT PIN DFTNG |  | 2 | M W | 12.20-5.25 | CRABBE | 106 | BURNS M |
| 1.40 PiH |  | 508-007 | W-WHOS WHO \& RIGHT IN NU | JULY 31 - AUG 11 | 2 | MTWTHF | 1.40-4.15 | CRABBE | 302 | WIRICK E |
|  | HEC | 503m027 | ns-CROSS CULT EXPL IN FOO | JULY 3 - JULY 14 | 3 | MTWTHF | $1.40-5.25$ | CRABBE | 202 | GRABLE J - |
|  | HEC | 576-007 | haing hmn idinty urban env | JUNE 20 - JUNE 30. 5 HRS TBA | 3 | MTWTHF | 1.40 - 4.15 | CRABBE | 301 | TAYLOR J |
|  | HECV | 460-007 | HEC WAGE LARNING | $\begin{aligned} & \text { HEC } 363 \text { EDFE } 368 \\ & \text { VTE } 310 \text { VTEE } 4100 \\ & \text { JUNE } 21=\text { JULY } 26 . \end{aligned}$ | 3 | M W | 1.40-4.15 | CRABBE | 302 | PEIFFER E |
| LABCRATORIES |  |  |  |  |  |  |  |  |  |  |
| 12.20 PM |  | 395-106 | Fash desgnefit ptn dfing | JuLY 24 - AUG 11 | 2 | $T$ THF | 12.20-5.25 | Crabbe | 106 | BURNS M |
|  | HEC | 595-106 | OeSGN-FLT PTN DFTNG | JULY 24 - AUG 11 | 2 |  | 12.20-5.25 | CRABBE | 106 |  |

## Industrial Arts

| T.NO AM IA | 216-001 | LEATHERCRAFT | SEE IA ${ }^{\text {JUNE }} 216{ }^{\text {JUULY }}$, REG LAB | 2 | T TH | 7.00- | 9.25 | KEPNER | 9 | LUBBERS | J |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| IA | 216-021 | LEA THERCRAF 1 |  | 2 | M W | 7.00- | 9.25 | KEPNER | 9 | LUBBERS | $J$ |
| IA | 372-001 | A UVANCED WELOING | SEE IA 372 L. REQ LAB JUNE 20 - JULY 14 | 2 | T TH | 7.00- | 9.25 | ARTS ANN | 100 | LLOYD S |  |
| IA | $440-001$ | GRG OF GRAPHIC ARTS LAB | SEE IA 440 L , REQ LAB JUNE 20 - JULY' 14 | 2 | T TH | 7.00- | 9.25 | KEPNER | 4 | MORIMOTO | 0 D |
| IA | 455-001 | GENERAL WUUNS | SEE IA 455 L, REQ LAB NON-MAJORS ONLY JULY 17 - AUG 8 | 2 | M W | 7.00 $=$ | 9.25 | ARTS ANN | 200 | KRUGER J |  |
| IA | 516-001 | LEATHERCRAFT | SEE IA 516 L, REQ LAB JUNE 20 - JULY 14 | 2 | T TH | 7.00 | 9.25 | KEPNER | 9 | LUBBERS | $J$ |
| IA | 516-C21 | LEATHERCRAFT | SEE IA 516 L, REQ LAB JULY 17 - AUG 8 | 2 | M W | $7.00-$ | 9.25 | KEPNER | 9 | LUBBERS | $J$ |




## SCHOOL OF NURSING



INTERDISCIPLINARY PROGRAMS

## Environmental Studies

11.00 AM ENST 209-0J5 ENERGY ANU ENVIRONMENT JUNE 19 - AUG 11

3 MWF F $11.00=12.05$ ROSS
35 HAMERLY R

## Instructor Course Unit

| 11.00 AM | ICU | 109-005 | JEYCND THE RATIUNAL | JUNE 20 - AUG 11 | 3 | M W | F | 11.00-12.05 | ROSS | 1 | 107 | FIELDS C |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | ICU | 333-005 | MYTHOLOGY AND THE ARTS | JUNE 19 - AUG 11 | 4 | MTiv | F | 11.00-12.05 | MICHENER | L | 80 | HARRISON J |
| 1.40 PM | ICU | 114-007 | SCIENCE--ASCENT OF MAN | JUNE 19 - AUG 11 | 3 | M W | F | $1.40-2.45$ | ROSS | L | 107 | HAMERLY R |
|  | ICU | 35v-007 | BEGINNING SAILING | REQ LAB ARR 2 HR LAB THUR ARR 2 HR LAB TH ARR JUNE 19 - AUG 11 JUNE 19 - AUG 11 | 2 | T |  | $1.40-2.45$ | MC KEE |  | 228 | ARNOLD $W$ |

## Women's Studies



## Interdisciplinary Courses



Vocational Teacher Education (See Interim Session for courses beginning afterAug. 13.)



## INTERIM SESSION



## COLLEGE OF ARTS AND SCIENCES

| 9.40 |  |  |
| :---: | :---: | :---: |

## Biological Science



## Chemistry

| TIME GOURSE | IITLE | PREREQUISITES AND NOTES | CR | DAYS | CLASS TIME | BUILDING | ROOM | INSTRUCTOR |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 12.2J PM CHEM 100-906 | INTRODUCTORY CHEMISTRY | AUG 21 - SEPT 15 | 3 | M W | $12.20-2.45$ | ROSS | 111 | JAMES M |

## Communication



## English

| 3.20 AM | ENG | 101=902 | ELEMENTARY COMPOSITION 1 | AUG 21 - SEPT 15 | 3 | M W F | 8. 20-10.45 | MICHENER | $L$ | 80 | LUERE J |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | ENG | 111-902 | INTRODUCTIUN TO POETRY | AUG 21 - SEPT 15 | 4 | M WTHF | 8. 20-10.45 | MICHENER | 1 | 73 | DOYLE J |  |
| 11.00 AM | ENG | 112-905 | INTRODUCTIUN TO FICTION | AUG 21 - SEPT 15 | 4 | MTW F | 11.00=1.25 | MICHENER | $L$ | 77 | WILSON | S |

## Geography



## Physics



## Political Science

```
9.40 AM PSCI 220-903 INTER RELATIONS AUG 21 - SEPT 15 4 MTW F 9.40-12.05 CANDLRIA 236 WATSON G
```


## Sociology



## COLLEGE OF EDUCATION



## SCHOOL OF INDUSTRIAL TECHNOLOGY AND HOME ECONOMICS

```
8.20 AM HEC 393-902 FLD EXPER IIN CULT AWARENS TAOS, N. MEX.
AUG SEMINAR TBA AUG 20. PRE-TO
```

TAOS, N. MEX. ${ }^{2}$. PRE-TO

## INTERDISCIPLINARY PROGRAMS



| Vocational Teacher Education |  |  |
| :---: | :---: | :---: |
| $1 M_{T}$ | ${ }_{8}^{8} \cdot 300-120.30$ | grbson C |
| $1{ }^{*}$ | ${ }^{8}$ 8:30- 300 | grbson C |
| $1{ }^{\text {d }} \mathrm{TH}_{\mathrm{F}}$ | ${ }_{8}^{8} \cdot 300-120{ }^{4}$ :30 | gieson c |
| $1{ }^{M}{ }_{T}$ | ${ }_{8}^{8.300} 80.12 .30$ | grason c |
| $1{ }^{\prime \prime}$ | 1:000 4.30030 | gisson C |



## Summer Directory

## General Information

(Note: Area code is 303.)
Admissions
351-2881
Financial
351-3502
Graduate Programs
351-2831
Housing
351-2721
Registration
351-2231
351-2881

## Administration

Richard R. Bond, Ph.D., President
Frasier 201
2121
Frank P. Lakin, Ed. D., Vice President for Academic
Administration
Frasier $206 \quad 2823$
Barbara H. Mickey, Ph.D., Vice President for Academic
Development and Evaluation
Frasier 206
2823
Alvin E. Barnhart, Ed. D., VicePresident for Administrative
Services
Frasier 1012208
Theodore M. Nelson, Ph.D., Vice President for Student Services
Frasier $101 \quad 2208$

Jerald B. Johnson, J.D., Assistant to the President for
External Affairs
Frasier 2012441

Juan Trujiflo, M.A., Assistant to the President
Frasier 201
Gary E. Miller, M.A., Director of Admissions
Carter 209E
Duane E. Henderson, Ed. D., Assistant Vice President for Academic Administration, and Director of Academic
Research
Frasier 206
Charles Selden, M.S., Registrar
Frasier 123
Arthur R. Reynolds, Ph. D., Dean of the Graduate School
Frasier 108
George Leach, Ed.D., Assistant Dean of the Graduate
School
Frasier 1082831
Dennis Gay, Ph.D., Assistant Dean of the Graduate
School
Frasier 108
Robert O. Singer, Ed. D., Dean, Center for
Non-Traditional and Outreach Education
Faculty Unit I
2891
Dr. W. R. Erwin, Jr., Ed. D., Director of Summer Session Office of Industrial Technology and Home Economics

## College of Arts and Sciences

Schulze, Robert O., Ph.D., Dean

| Michener L54 | 2708 |
| :--- | ---: |
| Beel, John A., Ph. D., Associate Dean  <br> Michener L54  | 2708 |
| Aas, Wallace, M.A., Chairperson, Department of Physics <br> Ross 48 <br> Anders, Frank W., M.S. | 2961 |
| Ross 313 <br> Anderson, James F., Ph.D. <br> Michener L154 | 2055 |
| Arnold, Dean A., Ph.D. <br> Michener L95 <br> Ayer, Kenneth R., M.A. <br> Candelaria 114 | 2739 |
|  | 2898 |
| B., Ph.D. | 2021 |

Bosch, William W., Ph.D.2021

Ross 316
Boyle, Thomas E., Ph.D.
Michener L32
Brand, John III, Ph.D.,
Michener L35
Brewer, Wanda, Ed.D
Michener L45
Brooks, George H., Ed.D.
Carter 400
Broussard, Albert S., Ph.D.
Michener L107
2325
Brown, Glenda J., Ph.D., Chairperson, Department of
Foreign Languages
Candelaria 35
Buss, Warren R., Ph.D.
Ross 239
Byerly, Benjamin, Ph.D.
Michener L88
Carriar, Shirley M., Ed.D.
Bishop-Lehr 210
Cavanagh, Timothy D., Ph.D.
Ross 324
Christensen, Harald P., Ph. D.
Candelaria 226
Clough, Marshall, Ph.D.
Michener L104
Cobb, L. Glen, Ph.D.
Ross 334
Cole, David B., Ph.D.
Candelaria 2192372

Michener L99

2940

Crawford, Richard J., Ph.D., Chairperson, Department of
Communications
Candelaria 282045
Crockett, George L., Ed.D.
Ross 342
De Boer, Ray L., Ed.D.
Candelaria 10
Dietz, John L., Ph.D.
Candelaria 246
Dietz, Richard D., Ph.D.
Ross 338
Dillingham, Robert L., M.A., Acting Chairperson,
Department of Black Studies
Candelaria 232
Doyle, James F., M.F.A.
Michener L16
2279
Edgerton, Ronald K., Ph.D.
Michener L102

Elliott, Donald D., Ph.D., Chairperson, Department of Mathematics
Ross 3202820

Ph.D
2227

Fay, George E., Ph.D.
Candelaria 139
Fields, Clark, Ph.D.
Ross 131
Fisch, Forest N., M.A.
Ross 321
Fitzgerald, James P., Ph.D.
Ross 2352555

Frease, Cynthia, R., Ph.D.
Michener L41
Frease, Forrest W., Ph.D., Director, Honors Program;
Chairperson, Department of English
Michener L50
2971
ry, Richard K., Ph.D.
Ross 44
Fuelberth, John D., Ph.D.
Ross 3082297
Gapter, John K., Ph.D.
Ross $238 \quad 2329$
Hamerly, Robert G., Ph.D.
Ross 26
Harmon, William E Ph D
Ross 232 .
Harrison, John W., Ph.D.
Michener L43 2048
Hess, Robert A., M.A.
Candelaria 11
Hoffman, Maria, M.A.
Candelaria 53 .
Holley, Donald L., Ed.D.
Candelaria 17
Hopkins, Kenneth, M.S.
Huff, Chester C., Ph.D.
Michener L44
James, Lynn, Ph.D.
Jones, Dorothy C., Ph.D.
Michener L40
8
Kearns, Kevin, Ph.D. 2768
Candelaria 2472372
Kinnick, Bernard C., Ed.D.
Gray 102
Koch, William G., Ph.D.
Ross Cage 2559
Kolitch, Dean, A.B.A.
Michener L128 2110
Larson, Robert W., Ph.D.
Michener L105
2133
Leal, Carlos, Ed.S., Chairperson, Department of Mexican
American Studies
Michener L91
Lehrer, Paul L., Ph.D.
Candelaria 248
Ross 229
Loftis, John E., Ph.D.
Michener L27
2474
Lonsdale, David L., Ph.D.
Michener L90
2959
Lopez, Annette M., M.A.
Michener L93

Luere, Jeane L., M.A.
Michener L28
Lutz, Bruce J., Ph. D.
Candelaria 111
McNerney, Charles, Ph.D.
Ross 325
Manley, Kathleen M., M.A.
Michener L15
Marshall, James, M.A.
Candelaria 239
Mickey, John, B.S.
Candelaria 238
Nesse, William D., Ph.D.
Ross 327
Olson, Kenneth V., Ph.D.
Ross 350
Peercy, Norman, Ph. D.
Michener L36
Perchlik, Richard A., Ph.D., Chairperson, Department of
Political Science
Candelaria 2292058

Plakke, Ronald K., Ph.D., Chairperson, Department of
Biological Sciences
Ross 2422532
Popejoy, William D., Ed.D.
Ross 318
Powers, Stephen T., Ph.D., Chairperson, Department of
History
Michener L96
Princic, Walter F., Ph.D.
Michener L30
Quammen, Francis R., M.A.
Candelaria 126
Rich, Royal, Ph.D.
Ross 241
Richards, Edmund A., Ph.D.
Ross 240
Rothaus, Barry, Ph.D.
Michener L100
Rumford, Fred K., M.S.
Ross 317
Sandstedt, Lynn A., Ph.D.
Candelaria 52
Schmidt, Donald L., Ph.D.
Ross 314
Schmidt, Gerald D., Ph.D.
Ross 210
, James O., Ph.D., Chairperson, Department of
Chemistry
Ross 1392559

Schuetz, Janice E.
Candelaria 58
2869

Schweers, Rex R., Jr., M.A.
Ross 319
Scott, Steven L., D.A., Chairperson, Department of
Geography
Candelaria 213
Shropshire, Kenneth L., Ph.D.
Ross 27
Slater, Richard A., Ph.D., Chairperson, Department of
Earth Sciences
Ross 333
2647
Starr, Wendell R., Ph.D.
Michener L38
2880
Stein, Robert B., Ph. D., Chairperson, Department of
Sociology
Candelaria 124
2315

Thomas, Bert O., Ph.D.
Ross 243
Thorpe, Bert D., Ph. D.
Ross 221
Tolar, Robert A., Ph.D.
Ross 309
Tomasi, Gordon E., Ph.D.
Ross 147

Trainer, Orvel L., Ph.D., Chairperson, Department of

2324 Trelogan, Thomas K., ABD, Chairperson, Department of Philosophy

Ross 129

Bamard, William A., M.A.
McKee 264
2318
Barmes, Robert F., Ph. D., Director, Vocational Education
Gunter 103
2939
Bennett, Lois, Ed. D.
McKee 511
Best, Warren P., M.A.
Carter 401
Bitter, James A., Ed. D.
1925 10th Avenue
Blake, Margaret T., Ph.D.
McKee 201A
Bolocofsky, David N., Ph. D.
McKee 293
Bowen, Jack A., Ph.D.
Michener L148
Bowen, James K., Ed.D.

## Frasier 119

Bowman, D. Harold, Ed. D., Chairperson, Department of
Educational Media
McKee 101
2807
Brainard, Edward A., Ed.D.
McKee 430
2991
Brazee, Edward N., Ed.D.
2017
Bishop-Lehr 209
2367
McKee 1
Brown, Don A., Ed.D.
McKee 15
2425
2559 Bruce, Josephine, M.A.
McKee 272

## College of Education

Broderius, Bruce, Ed. D., Dean
McKee 519
2817
Bear, Richard L., Ed.D., Associate Dean
McKee 520
2817
信
McKee 521
Margaret A., A.B.
Arnold, William R., Ed.D.
McKee 265
Baker, Clifford D., Ed.D.
Michener L124

Burms, Gerald N., Ed.D.
McKee 279
Burron, Amold, Ed. D.
McKee 258
2102
Burron, Douglas, Ed.D., Assistant Chairperson,
Department of Elementary Education and Reading
McKee 267
2537
Camp, Ronald S., M.A.
Michener L171S
Carter, Kyle R., Ph.D.
Mckee 292 Arval Antonio L. Ed. D.
McKee 302 L.
Case, Madelyn E., M.Ed.
McKee 256
Chaloupka, Donald W., Ed. D., Director, Bureau of
Research Services

Michener L144
Fielder, Edgar E., Ed. D.
McKee 29
Flannigan, Michael, Ed.D.
Bishop-Lehr 108A
2321
Foote, Brangwyn, M.A.
University Center 206A 2796
Fox, Augusta, Ed.D.
McKee 507
Frisbie, Kenneth G. Ed. D. Director, Laboratory School
2913
Frisbie, Kenneth G., Ed. D., Director, Laboratory School
Bishop-Lehr 112A 2116
Garda, Phillis M., M.A.
MCKee 259
Gay, Dennis A., Ph.D.
Frasier 108
2831
Gearheart, Bill R., Ed.D.
McKee 308
George, Kathryn, M.A.
McKee 1
2323
Giebler, Gale R., Ph.D.
Gray 104A
2496
Gimmestad, Michael J., Ph.D., Chairperson, Department of Psychology, Counseling and Guidance
McKee 249
2233
Glaser, Nicholas A., Ed.D., Director, Reading Center
McKee 18
2969
Glassman, David, M.A.
McKee 411
2355
Green, Leroy A., Ed.D.
MCKee 101
2807
Heimerl, Beatrice H., Ed.D.
McKee 503

Henderson, Duane E., Ed.D.
Frasier 206
Henry, Peggy, Ph.D.
Henry, 26 ge
McKee 266
Hogan, Kenneth, Ed.D., Chairperson, Department of Higher Education
McKee 526
2930
Houston, Samuel R., Ph.D., Chairperson, Department of
Research and Statistical Methodology
McKee 532
2963
Hull, Raymond H., Ph.D., Chairperson, Department of
Communications Disorders
Bishop-Lehr 147
2012
Jackson, Kent, M.A
1905 10th Avenue
2551
Jacobs, Michael L., Ed.D., Chairperson, Foundations of
Education
McKee 405
Johnson, Dora A., M.A.
Gunter 103
Johnson, J.M., Ed.D.
McKee 278
Jones, Willard G., Ed D., Director,
Office
Carter 400
Kaley, Rhonda, M.S.
McKee 58
Kappan, David, M.A.
Michener L136
Keller, Louise J., Ed.D.
McKee 512
Kelly, Edward J., Ph.D.
McKee 273
Kolstoe, Betty J., Ed.D.
McKee 307
Kolstoe, Oliver P., Chairperson, Department of Mental
Retardation
McKee 303
Koplitz, Eugene D., Ph.D.
McKee 299
2593
Krosky, Roy, Ph.D.
McKee 510
Kund, Wayne T., M.S., Director of Housing
Gordon Hall
2920

Lane Melvin Ed D Chaiperson, Departmento
Leaming Problems
McKee 313
Lewis, A. Juanita, Ph. D., Director, Early Childhood
Studies
McKee 282
Lowry, Betty L., Ph.D.
McKee 270
Lucero, Carmen, M.A.
Michener L145
Lundeen, Dale J., Ph.D.
Bishop-Lehr 145B
Lynch, Robert, Ph.D.
McKee 505
Lynn, Jo-Ann, Ed.M.
McKee 260
Martin, Michael W., Ed.D.
McKee 430
Medeiros, Donald C., Ph.D.
McKee 412
Miller, Gary, M.A.
Carter 209E
Millslagle, Wilbur, Ed.D.
McKee 301
Montgomery, Donald, Ed.D
McKee 419
Montgomery, Lola J., Ed.D.
McKee 295
Morris, Grant L., Ph.D.
McKee 275
Morrison, Gaylord, Ed.D.
McKee 501
66

Mosbo, Alvin, Ed.D., Chairperson, Department of
Elementary Education and Reading
McKee 227
Myers, Donald L., M.A.
Carter 204
Napier, Grace D., Ed.D.
McKee L140
Nebel, Dale A., Ed.D.
McKee 269
Norton, Byron E., Ed. D.
McKee 277
Obrzut, John E., Ph.D.
McKee 291
Olson, LeAnn, M.A.
Michener L143 2742
Oppelt, Norman T., Ph.D., Chairperson, Department of College Student Personnel Administration
Gray 211
Oreskovich, Marcia, M.A.
Children's Village No. 5
Owens, Kaye D., Ed.D.
McKee 304 2691
Partridge, Arthur R., Ed.D., Chairperson, Department of
Educational Administration
McKee 419
Pavlik, Robert A., Ed.D.
McKee 16
Peiffer, Eleanor M., M.Ed.
Crabbe 306
Poston, Charles S.L., Ph.D.
McKee 200A
Praul, Judith, Ed.D.
McKee 288
Ramirez, John, Ph.D.
McKee 257
Rave, Elizabeth, Ph.D.
McKee 283
Reed, Vicki, M.A.
Bishop-Lehr 145D
Reinert, Henry R., Ed.D.
McKee 314
Resnick, Norman H., Ph.D.

## McKee 306

Richardson, Robert C., Ph.D., Director of Education
Field Experiences
McKee 28
Ritter, Emmett A., Ed.D.
McKee 419
Roat, David H., Ph.D.
McKee 408
Rosales, John A., Ph.D.
McKee 509
Ross, Robert F., Ph.D.
Candelaria 15
Roy, Wendell, Ed.D.
Etherton 1
Schenkman, Anne W., Ed.D.
McKee 289
Schmid, John, Ph.D.
McKee 506
Schroeder, Glenn B., Ph.D.
McKee 419
Schultheis, Sister Miriam, Ed.D.
McKee 1
Seager, Donald E., Ed.D.
McKee 101
Selden, Charles, M.S.
Frasier 123
Shaw, Dale, Ph.D.
McKee 502
Shaw, Sarah F., Ed.D.
McKee 290
Singer, Robert O., Ed.D.
Faculty Unit I
Sloat, Robert S., Ph.D., Director, School of Special
Education and Rehabilitation
McKee 324
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Smart, David, Ph.D.
Gray 102A
2496
Soliz, Donald F., M.A.
McKee 263 2488
Stoffler, James A., Ed.D., Chairperson, Department of
Curriculum and Instruction
2742 McKee 527
2956
Stutler, Douglas L., Ph.D.
2063 McKee 284
Tanner, Gerald E., Ph.D.
Tate, George, Th.D.
McKee 2852301
2251

Traynor, Robert M., Ed.D.
McKee 58
Triplett, Le, Ed. D.2734

McKee 1Turner, Dean E Ph D

McKee 410
2347Tuttle, Dean W., Ph.D.Michener L138
2742Uhrig, Elaine, Ed.D.Michener L141
2742Underwood, Judy K., Ph.D.Valenzuela, Steven, A.B.
McKee 298 ..... 2571
Wamer, Thomas, Ph.D., Coordinator and AssistantMcKee 33
2524 Washington, Joyce, Ed. D. ..... 2496
2854 Weishahn, Mel, Ph.D.
Michener L137 ..... 2742
Welch, I. David, Ed.D. McKee 287 ..... 2518
2012 Welch, Robert D., M.A.
Gunter 103 ..... 2939
2691 Weltner, William H., Ed.D. ..... 2041McKee 35
Wilson, Michael D., Ed.D.McKee 2272323
Wilsey, Carl, Ed.D.Wolfe, Richard R., Ph.D., Chairperson, Department of2861 Social and Rehabilitation ServicesMichener L1512361
2355 Wood, Richard J., M.S.356-2442
2419 Wright, William S., Ed.D., Associate Director, School of
Special Education and Rehabilitation2656 McKee 3222691
Zellner, Ronald D., Ph.D.

2911 Miller, James E., Ph.D., Dean and Director, School of Music
Blubaugh, Charles T., M.A.Kepner 6A2292
2011Copley, R. Evan, Ph.D.Music Annex2678

## College of Performing <br> and Visual Arts

2678
Ehle, Robert, Ph.D., Assistant Director, School of Music Music Annex
Anderson, Shari, M.M.
Frasier 1512023
Baker, Edwin, M.M., Chairperson, Department of Brass and Percussion
Frasier 167
2813
Bartlett, Loren W., Ph.D., Chairperson, Department of Woodwinds
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McKee 262
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Cordiner, William S., M.A.
Kepner 13
Coronel, Michael, M.A.
Carter 302
Daugherty, Elza L., M.A.
Gray 208
D'Aurelio, Guy, Jr., Ph.D.
Frasier 58
Dykins, Dale, M.M., Chairperson, Department of Theory
and Composition
Frasier 1562785
Evans, Kenneth G., Ph.D.
Frasier 54
Girault, John S., Ph.D.
Frasier 120
Goes, Derryl F., M.A.T.
Frasier 49
Graham, Daniel, M.M.
Frasier 154
Haas, David M., M.A.
Crabbe 302
Herrick, Jack, M.A.
Frasier 50
Himmel, Joseph E., M.M.
Frasier 153
James, Robert S., Ed.D.
Gray 208
Jamieson, William R., M.A.
Frasier 160
Johnson, Betty, M.A.
Kepner 121
Johnson, Dana, Ed.D.
Kepner 122A 2426
Linscome, Sanford A., D.M.A.
Frasier 53
Luster, Richard C., M.F.A.
Guggenheim 3
Macfarlane, Donald A., M.A.
Guggenheim 102
Mickens, Howard M., M.M.
Frasier 251
Moody, G. Joseph, Ed.D.
Kepner 120
Myers, Fredric, M.A.
Guggenheim 2022144
2804

Nofziger, Dwight E., Ed.D., Chairperson, Department of
Music Education
Gray 2082050
Norton, Lloyd A., M.A.
Frasier 70
Pfund, William A., M.M.
Frasier 48 2277
Schenkman, Walter A., D.M., Chairperson, Department
of Piano and Organ
Frasier 1522023
Schmitz, Claude M., M.A., Chairperson, Department of
Voice
$\begin{array}{lc}\text { Frasier } 150 & 2248 \\ \text { Schumacher, Herbert C., Ed.D. } & \\ \text { Guggenheim 2 } & 2185 \\ \text { Shin, Hyun K., M.A. } & 2804 \\ \text { Kepner } 120 & \end{array}$
Skinner, Howard, D.M., Chairperson, Department of
Strings
Frasier 254
Smith, Ronald, M.M.
Frasier 252
2612
2938
aiter G., Jr., M.F.A.
2314
Frasier 52
Turner, Robert B., Ed.D., Chairperson, Department of
Fine Arts
Guggenheim 103
2143

Upton, James S., Ph.D., Coordinator, Department of

Kepner 14
Elton, Robert D., M.A.
Kepner 208
Freese, R. John.B.S.
Kepner 14
Gottko, John J., Jr., M.B.A.
Kepner 220
Halldorson, Marvin H., Ph D. Coordinator of Graduate
Studies
Kepner 142089
Harris, Robert C., M.A.
Kepner 220
Kennedy, Calvin E., Ph.D., C.P.A.
Kepner 212
Levenson, Lawrence A., M.B.A.
Kepner 220
McConnell, Allen W., M.S., C.P.A., Chairperson,
Department of Accounting
Kepner 217A
Melanson, Wayne W., Ed.S., Chairperson, Department of Journalism
Kepner 1032726
Palmer, G. Dean, Ed.D., Chairperson, Department of
General Business
Kepner 106
Renshaw, Paul, M.A., Chairperson, Department of
Business Teacher Education
Kepner 213
Robins, Grace A., M.Ed.
Kepner 114
Seymour, Richard G., M.B.A.
Kepner 106-07 2652
Shade, Philip A., D.B.A., Chairperson, Department of
Finance and Insurance
Kepner 205
Teglovic, Steve, Jr., Ph.D., C.D.E., Chairperson,
Department of Management
Kepner 14
Waterman, Roland C., Ed.D.
Kepner 212

## School of Educational Change and Development

Luketich, Donald M., Ed.D., Dean

2764

2089

## School of Health, Physical

## Education and Recreation

Montgomery, Robert A., Ed.D., Dean

Butler-Hancock 230

Barham, Jerry N., Ed.D.
Butler-Hancock 219C
Behling, Mary A., Ph.D.
Butler-Hancock 225K
Benich, Thomas R., M.A.
Butler-Hancock 218
Blasi, Robert L., M.A.
Butler-Hancock 232 2641
Cody, Carolyn, M.A.
Butler-Hancock 225L 2846
Cooke, Bryan E.M
Health and Safety2726

Michener L155
2757
Everett, Margaret E., Ph.D., Chairperson, Department of Physical Education for Women
Butler-Hancock 228
Fri, Rosemary, M.A.
Butler-Hancock 2272523
Harrison, Larry R., M.S.
Butler-Hancock 218 2676
Heiss, William C., Jr., M.A.
Butler-Hancock 218 2676
James, Larry A., M.A.
2652 Gunter 106
2067
LaBonde, Jack L., M.A.
2147 Butler-Hancock 234
Libera, Daniel, M.A.
2522
Lindahl, Virgil Y., P.E. Director; Chairperson, Department 2088 of Intercollegiate Athletics

Butler-Hancock 231
2855 McMillen, Warren J., M.A.
Butler-Hancock 218
2089 Malumphy, Theresa, Ph.D.
Butler-Hancock 225J 2846
Parkos, William G., Ph.D.
Michener L1322755

Petroff, Thomas A., M.A.
Butler-Hancock 225G
Phillips, D. Allen, Ed.D.
2053 Butler-Hancock 219D
Rollins, Bob H., M.A.
2855 Butler-Hancock 218
Rossi, Anthony M., M.A.
2810 Gunter 109D
Sage, George A., Ed.D., Chairperson, Department of
Physical Education for Men
2066 Butler-Hancock 229
Shirley, J. Max, Ed.D., Chairperson, Department of
Recreation
Gunter 109A
Steffy, Doris C., M.A.
Butler-Hancock 225I
Van Anne, Nancy, Ph.D.
Butler-Hancock 219E
Van Dinter, Norbert R., Ed.D.
2147 Gunter 109B
2900
Wright, Thurman N., M.S.
2152 Butler-Hancock 233
2642

## School of Industrial Technology <br> and Home Economics

Erwin, William R., Jr., Ed.D., Dean
Office of Industrial Technology
and Home Economics
Bums, Marilyn, M.A., Chairperson, Department of Home
Economics
Crabbe 208
Egeness, Norma E., M.A.
Crabbe 308
Grable, Joyce, M.A.
Crabbe 307

Hammond, Robert G., Ed.D., Chairperson, Department
of Industrial Arts and Technology
Office of Industrial Technology and
Home Economics
Jelden, David L., Ed.D.
Arts Annex 300
Krosky, Beverly, Ed.D.
Crabbe 307
Kruger, John M., Ed.D.
Arts Annex 200
Lubbers, J. Max, M.A.
Kepner 9
Lloyd, Sheldon J., M.Ed.
Arts Annex 100
Dennis, M.A.
Kepner 4
Olson, David O., Ed. D.
Crabbe 107 2587
Roy, Wendell L., Ed. D.
Etherton 1
Sorensen, Valerie, M.Ed.
Crabbe 306
Taylor, Jo Ann, M.A.
Crabbe 309
Walters, Doris O., M.Ed.
Crabbe 306
Wirick, Elisabeth P., M.A.
Crabbe 308
2085
School of Nursing
Drennan, Phyllis, Ph.D., Dean
1410 20th Street
2877
Baird, Sandra, M.S.
University Hall
Biegel, Agnes M., M.S.N.
1410 20th Street
Heckman, Mary, M.S.
University Hall 2293
Hurlock, Joan T., M.S.
University Hall
Payton, Rita J., M.S.
University Hall
Thompson, Lida F., M.S.
University Hall

## Library

Johns, Claude J., Jr., Ph.D., Dean of Library Services
Michener 138
Alm, Mary, M.L.S.
Michener 128
Bachenberg, Elmer V., M.S.
Michener 133
Bowser, Eugene, M.A.
Michener 127 2649
Costello, Virginia G., M.A., Assistant Director, Collections
Development
Michener 142
Earle, Mary K., M.S.
Michener 117
Greer, Arlene, M.A.
Michener 117
Greer, James B., M.A.
Michener 133
Hofer, Sam L., M.A.
Michener 132
Kempf, Andrea C., M.A.T.
Michener L118
Kovacs, Gabor, M.A.
Michener 140
Kristie, William J., M.L.S.
Michener 117
Markham, Robert P., Ph.D.
Michener L10
Moinat, Marie, M.A.
Bishop-Lehr 211A
Peischl, Thomas M., M.A.
Michener 145

Rhine, Charles D., M.A.
Michener 117
2562
Savig, Norman, M.A.
Carter 304
Schulze, Susanne, M.L.S.
Michener 335
2987
Seager, Daniel A., M.A., Reference Librarian
Michener 117
Sprague, Oren, M.L.S.
Michener 143

## Center for Non-Traditional and Outreach Education

Singer, Robert O., Ed.D., Dean
Faculty Unit I
2891



## To Obtain Registration Materials

## 1

Returning Students. Any Student who has been enrolled since 1959 must return form 1 on the next page no later than May 12, 1978, in order to be assured a packet of materials. Late Packet Requests will substantially delay your registration process. Students enrolled Summer quarter 1977 or Spring Quarter 1978 need not request a packet.

## 2

Form 2 must be returned by undergraduate "special" students who plan to be on campus only for Summer Quarter 1978. If the student has never attended UNC, form 3 also must be submitted.

New Students. Students who have never been enrolled or students who have not been enrolled since Fall 1959 must complete form 3 and return to the Admissions Office or Graduate School. Graduate students wishing to enroll in a degree program, should request the appropriate applications from the Graduate School. Prior to picking up registration packets, no other action is necessary. Undergraduate students wishing to be officially admitted to UNC should write to Admissions, Carter 209, for information and application forms.

Returning Students' Packet Request: Summer 1978
(For students who have been enrolled, including off-campus and correspondence, since 1959.)

$\square$ Graduate: Graduate students will not be in a classified degree program until application has been made through the Graduate School.
$\square$ Under- "Special student" status for undergruaduate students applies to Summer quarter only. Undergraduate students must be
Graduate: officially admitted to UNC in order to continue during subsequent quarters.

Return this form no later than Friday, May 12, 1978 to:
Registrar's Office, University of Northern Colorado, Greeley, Colorado 80639.

## High School Certification

Required only of students who have not attended a college or university.
Last
Name/Address of School
Date

## College or University Certification

This is to certify that:
was a student in good standing at his/her last enrollment.


Under requirement of the U.S. Office of Education, Department of Health, Education, and Welfare, race information must be collected and reported by collegiate institutions. This information is not used in the admissions decision. Please mark the appropriate space below:

Tuition Classification (Complete this section if you are claiming in-state tuition) All dates asked for must include month/day/year.

1. When did you begin living in Colorado? $\qquad$ 1 1 $\qquad$
2. Have you filed a Colorado State Income Tax Return? _ List exact years for which returns were filed
How long have you been employed in Colorado? From
3. Does your parent or legal guardian live in Colorado?
a. When did he or she begin living in Colorado? $\qquad$ 1 $\underline{\square}$
b. Has your parent or legal guardian filed a Colorado State Income Tax Return? Yes ___ No
List exact years for which returns were filed
c. Length of time your parent or guardian has been employed in Colorado? $\qquad$ 1 $\qquad$
$\qquad$ $1-1$ $1-$
d. Is your parent or legal guardian in military service? Ci_ Civilian Overseas Employee? $\qquad$
Presently stationed in Colorado? If 'Yes," how long? $\qquad$ 1 $\qquad$ to e. Are your parents divorced or legally separated? No. $\qquad$ Yes. $\qquad$
4. If you are married, has your spouse filed a Colorado State Income Tax Return? Yes _No__ If "yes," list exact years for which returns were filed
5. If you or your spouse operate a motor vehicle, in what state is it registered?

If Colorado, list exact years of Colorado registration
6. Do you have a valid Colorado motor vehicle operator's license? No $\qquad$ Yes Date of Issue: $\qquad$ $1-1$ $\qquad$
7. Are you registered to vote in Colorado? If "yes," date of registration: $\qquad$ 1 $\qquad$ 1
8. Do you or your spouse own residential real property in Colorado? $\qquad$ If "yes," when was it purchased? $\qquad$ 1

## Students who claim a change in tuition classification must petition the Registrar's Office prior to registration.

IMPORTANT: YOU MUST ANSWER ALL APPLICABLE QUESTIONS AND SIGN THE APPLICATION, PLEASE.



[^0]:    

[^1]:    $\qquad$
    $\qquad$

[^2]:    $\qquad$

[^3]:    $\qquad$

