

Adams State College Alamosa, Colorado

Undergraduate Catalog 2004–2005

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<http://www.adams.edu>

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Academic Advisor
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Director of Housing
Director of College Center
Director of Upward Bound
Director of Talent Search
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Academic Calendar

Fall Semester 2004

August	19	New Faculty Orientation
August	20	General Faculty Meeting/School & Department Meetings
August	20	Residence Halls Open 8 a.m. for New Students/Orientation Begins
August	20	Residence Halls Open 8 a.m. for Continuing Students
August	21	New Student Orientation/Registration Confirmation All College & Admin. Offices Open for Business
August	21	Math Placement Exam
August	21	English Placement Exam Convocation 3 p.m.
August	23	Classes Begin
August	25-27	Technology Proficiency Exam
September	1	Room Lottery at Housing Office
September	6	LABOR DAY – NO CLASSES
September	7	Classes Resume
September	8	Deadline for Registration and Course Additions Deadline to Apply for In-State Residency
September	20	Deadline to Apply for Spring Graduation (Undergrad.)
September	25	Parents Day
September	30	Fall Comps and Grad Applications Due
Sept./Oct.	27-2	Homecoming Week
September	30	Fall Comps & Graduation Applications Due
October	2	Homecoming
October	5	Midterm Electronic Grade Submission
October	15	Last Day to Withdraw from Regular Session Classes
October	21-22	FALL RECESS
October	25	Classes Resume
October	29	Deadline – Tuition/Fee Refunds for Complete Drops
November	15	Spring '05 Registration Begins
November	2-5	Technology Proficiency Exam
November	6	Spud Bowl
November	24-26	THANKSGIVING RECESS – NO CLASSES
November	29	Classes Resume
December	6	M.A. Spring '05 Comps & Graduation Applications Due
December	13-17	Final Examinations
December 1	8	Commencement @ 10:00 a.m. Semester Ends/Residence Halls Close at 12 Noon
December	21	Grade Reports Due

Spring Semester 2005

January	9	Residence Halls Open 8 a.m. English Placement Exam 12 p.m.
January	10	Classes Begin
January	11-12	Technology Proficiency Exam
January	26	Last Day to Add/Drop Courses Census Date Deadline to Apply for In-State Residency

February	7	Deadline to Apply for Summer & Fall '05 Graduation Undergrad
February	10	SNOW DAY – NO CLASSES
February	11	SNOW DAY-NO CLASSES
February	14	CLASSES RESUME Spring Comps & Graduate Applications Due
February	24	Academic Awards Presentation
March	1	Mid-Term Electronic Grade Submission Deadline @ 10:00 A.M.
March	3-4	Science Fair
March	11	Last Day to Withdraw from Regular Session Classes Deadline – Tuition/Fee Refunds for Complete Drops
March	10,11,12	Sophomores Take Academic Profile
March	14-18	SPRING BREAK – NO CLASSES
March	21	Classes Resume
March	22	Math Placement Exam
March	27	EASTER SUNDAY
March	28	CLASSES IN SESSION
April	5-8	Technology Proficiency Exam
April	11	Summer '05 Registration Begins
April	11-16	Grizzly Days
April	18	CLASSES IN SESSION Fall '05 Registration Begins
April	14	M.A. Summer '05 Comps & Graduation Applications Due
April	18-May 2	Student Ratings of Faculty On-Line
May	2-5	Final Examinations
May	7	Semester Ends/Residence Halls Close @ 5 p.m. Spring Commencement @10 a.m.
May	10	Final Electronic Grade Submission Deadline @ 10:00 A.M.

2004–2005 Bachelor Degrees and Licensure Programs

Code:

+Secondary Teacher Licensure available

*Bachelor of Arts degree only

**Bachelor of Science Degree only

*Art

With emphasis required available in:

+Art Education K-12 Teacher Licensure

Liberal Arts (Art Studio) with
concentrations available in:

Ceramics

Design

Drawing

Art History

Metalsmithing

Painting

Photography

Printmaking

Sculpture

Biology

With emphasis available in:

** Cellular and Molecular

**Organismal

*+Science Education

**Wildlife

Business Administration

With emphasis required in one:

**Accounting

* Advertising

*+Business Teacher Education

**Economics

**Finance

* General Business

**General Business

**Management

**Management Information Systems

**Marketing

* Pre-International Business

**Small Business

Chemistry

With emphasis available in:

*Allied Health

*Chemical Physics

*Biochemistry

*+Science Education

*English

With emphasis required in one:

Communications

Liberal Arts

-+Secondary Teacher Licensure English Education

*Exercise Physiology and Leisure Science

With emphasis available in:

K-12 Physical Education

+Teacher Licensure

(K-12)

Sport and Exercise Management

Geology

With emphasis available in:

*+Science Education (Earth Science)

*History/Government

With emphasis available in:

History

Government

-+Social Studies Education Secondary -Licensure
(Social Studies)

Mathematics

With emphasis available in:

**Computer Science

*+Mathematics Education

*Music

With emphasis available in:

Liberal Arts

+Music Education (K-12 Licensure)

Music Performance

*Psychology

*Sociology

With emphasis available in:

Criminology

Social Welfare

General Sociology

*Spanish

Liberal Arts

+Secondary Education Teacher Licensure

***Speech/Theatre**

Liberal Arts

+Secondary Teacher Licensure Education

Teacher Licensure Programs

Elementary Education

Secondary Education

K-12 Education

Early Childhood Education

Bachelor Minors

Accounting

Art

Athletic Coaching

Biology

Business Administration

Chemistry

Coaching

Communications

Communications Technology

Computer Science

English

Environmental Science

Exercise Physiology & Leisure Science

Finance

General Science

Geology

Government

History

History/Government

Management

Management Information Systems

Marketing

Mathematics

Music

Philosophy

Physics

Psychology

Sociology

Spanish

Speech/Theatre

Women's Studies

Two-Year Concentrations (AA/AS)

With Emphasis in:

Chemical Analysis

Communications Technology

Geographic Information

General Business

Multimedia Journalism

Theatre

Other concentrations may be available

Pre-Professional Programs

Pre-Dentistry

Pre-Engineering

Pre-Law

Pre-Medicine

Pre-Nursing

Pre-Optometry

Pre-Osteopathy

Pre-Pharmacy

Pre-Physical Therapy

Pre-Veterinary Medicine

Adams State College

Two-Year Graduation Plan

A student enters Adams State College with diverse abilities, interests and educational goals. Adams State College is committed to helping students develop their potential, expand their interests and, most importantly, reach their educational goals in a timely manner. Academic advisers help all students plan their degree programs, select courses, register for classes and monitor their progress. This Two-year Graduation Plan has been developed as an additional way to help students monitor their academic progress.

Students who choose to participate in the Two-year Graduation Plan will work closely with their advisers to meet all the requirements for completing their degree in two years. Students who remain on track will be assured that the courses needed for graduation will be available. Each program, which offers this option, has a two-year planning template available from the department. Students in the Two-year Graduation Plan assume responsibility for the term-by-term monitoring of progress toward their Associate's degree in consultation with their academic adviser. Students pursuing the Two-year Graduation Plan typically must average between 15 and 18 credits per semester.

Adams State College assumes responsibility for providing the academic advising and degree-audit services to assist students in accurately monitoring progress toward graduation. Adams State is also responsible for providing class space in the courses required for the student's respective major in order to complete the Associate's degree within four consecutive semesters.

Many students elect to take advantage of research and employment opportunities, certificate or minor programs, or to pursue specialized plans of study tailored to unique career goals. These additional opportunities may require more than four semesters to complete. Other students extend their studies due to family commitment, financial or personal circumstances. Some students may need to extend their studies to strengthen their academic background for their chosen major. Situations and plans may also change as a student progresses toward graduation. Students who sign the Two-year Graduation plan and then determine that they need more time to graduate can do just that. Students who decide that the Two-year Graduation Plan does not meet their academic and/or personal goals are encouraged to develop, in consultation with their academic adviser, a plan and timetable for completing the courses in their major that will allow them to achieve their individual academic, career, professional and personal aspirations within a reasonable period of time.

Adams State College Two-Year Graduation Plan Agreement

By signing below, I agree to participate in Adams State College's Two-year Graduation plan. Adams State makes a commitment that graduation in two years will not be delayed due the unavailability of courses.

To enroll in and to remain eligible for the benefits of the plan, I will satisfy the following conditions:

1. Begin at Adams State College as an entering freshman.
2. Meet all the entrance requirements of the College with no deficiencies that will require developmental course work.
3. Choose a major that qualifies for the Two-year Plan and for which I have the appropriate academic background.
4. Stay on track by remaining a student in good standing at the college and earning a minimum of one quarter of the applicable credits, in the prescribed sequence, for my degree program each year. I may choose to include summer session(s).
5. Meet with my academic adviser prior to my assigned registration start time.
6. Register for each semester within 24 hours of the assigned registration start time.
7. Notify my adviser during the registration period prior to the term when the course(s) is/are needed, that graduation may be delayed due to unavailability.
8. Enroll in available courses needed for my degree program, with the understanding that specific courses may not be available at the time or the semester in which I would prefer to take them.
9. Enroll in additional minors or programs or change majors if, at the time I change, the additional requirements can be met within the original two-year-period.
10. Accept responsibility for monitoring my progress and acting on advice given by my advisor so that I stay on track toward my graduation in two years.
11. Accept responsibility for timely annual application for financial assistance.

As part of the program, Adams State College will:

1. Provide a knowledgeable academic advisor at your initial registration and before registration each subsequent semester to review course selections from the recommended two-year plan provided by the academic department.
2. Assure the availability of courses to enable you to complete the Two-year Graduation Plan.

Adams State College

Four-Year Graduation Plan

A student enters Adams State College with diverse abilities, interests and educational goals. Adams State College is committed to helping students develop their potential, expand their interests and, most importantly, reach their educational goals in a timely manner. Academic advisers help all students plan their degree programs, select course, register for classes and monitor their progress. This Four-year Graduation Plan has been developed as an additional way to help students monitor their academic progress.

Students who choose to participate in the Four-year Graduation Plan will work closely with their advisers to meet all the requirements for completing their degree in four years. Students who remain on track will be assured that the courses needed for graduation will be available. Each program, which offers this option, has a four-year planning template available from the department. Students in the Four-year Graduation Plan assume responsibility for the term-by-term monitoring of progress toward their Bachelor's degree in consultation with their academic adviser. Students pursuing the Four-year Graduation Plan typically must average between 15 and 18 credits per semester.

Adams State College assumes responsibility for providing the academic advising and degree-audit services to assist students in accurately monitoring progress toward graduation. Adams State is also responsible for providing class space in the courses required for the student's respective major in order to complete the bachelor's degree within eight consecutive semesters.

Many students elect to take advantage of research and employment opportunities, certificate or minor programs, or to pursue specialized plans of study tailored to unique career goals. These additional opportunities may require more than eight semesters to complete. Other students extend their studies due to family commitment, financial or personal circumstances. Some students may need to extend their studies to strengthen their academic background for their chosen major. Situations and plans may also change as a student progresses toward graduation. Students who sign the Four-year Graduation plan and then determine that they need more time to graduate can do just that. Students who decide that the Four-year Graduation Plan does not meet their academic and/or personal goals are encouraged to develop, in consultation with their academic adviser, a plan and timetable for completing the courses in their major that will allow them to achieve their individual academic, career, professional and personal aspirations within a reasonable period of time.

Adams State College Four-Year Graduation Plan Agreement

By signing below, I agree to participate in Adams State College's Four-year Graduation plan. Adams State makes a commitment that graduation in four years will not be delayed due to the unavailability of courses.

To enroll in and to remain eligible for the benefits of the plan, I will satisfy the following conditions:

1. Begin at Adams State College as an entering freshman.
2. Meet all the entrance requirements of the College with no deficiencies that will require developmental course work.
3. Choose a major that qualifies for the Four-year Plan and for which I have the appropriate academic background.
4. Stay on track by remaining a student in good standing at the college and earning a minimum of one quarter of the applicable credits, in the prescribed sequence, for my degree program each year. I may choose to include summer session(s).
5. Meet with my academic adviser prior to the assigned registration start time.
6. Register for each semester within 24 hours of the assigned registration start time.
7. Notify my adviser during the registration period prior to the term when the course(s) is/are needed, that graduation may be delayed due to unavailability.
8. Enroll in available courses needed for my degree program, with the understanding that specific courses may not be available at the time or the semester in which I would prefer to take them.
9. Enroll in additional minors or programs or change majors if, at the time I change, the additional requirements can be met within the original four-year-period.
10. Accept responsibility for monitoring my progress and acting on advice given by my advisor so that I stay on track toward my graduation in four years.
11. Accept responsibility for timely annual application for financial assistance.

As part of the program, Adams State College will:

1. Provide a knowledgeable academic advisor at your initial registration and before registration each subsequent semester to review course selections from the recommended four-year plan provided by the academic department.
2. Assure the availability of courses to enable you to complete the Four-year Graduation Plan. If you meet all the conditions of the Four-year Graduation Plan but are unable to graduate due to the unavailability of a course, your department will first try to substitute an equivalent course or an independent study assignment, or to waive the requirement to be met by the unavailable course. If the Assistant Provost for Academic Affairs determines that none of these adjustments is academically acceptable, Adams State College will pay the tuition for you to take the course required for you to complete your degree program within the next year at Adams State College (but you shall be responsible for any other associated expenses).
If your department is unable to make the necessary course adjustment, you must submit a written request for accommodation to the Assistant Provost for Academic Affairs prior to the end of classes in the fall or spring semester preceding the semester in which the course is needed.

General Information

Accreditation

Adams State College is accredited by The Higher Learning Commission, a commission of the North Central Association of Colleges and Schools at 30 North LaSalle Street, Suite 2400, Chicago, Illinois, 60602-2504, (800) 621-7440. Individual programs are accredited through the National Association of Schools of Music, the Council for Accreditation of Counseling and Related Educational Programs. Adams State College is an institutional member of the American Council on Education, the American Association of Colleges for Teacher Education, the American Association of State Colleges and Universities, the American Assembly of Collegiate Schools of Business, and the National Association of Schools of Music. The college is approved by the American Association of University Women.

Aims and Purposes

Effective Lives

We strive to provide the knowledge and skills that will prepare graduates to lead self-directed lives, characterized by both rewarding work and satisfying personal relationships. Our graduates should be able to do the following:

1. make informed decisions
2. communicate effectively
3. exercise their rights and responsibilities as citizens
4. understand the importance of health and wellness
5. think independently

The Campus

The 90-acre Adams State College campus is characterized by excellent facilities, notably the following:

The Nielsen Library. The center of an institution of higher education should be its library. Adams State College's Nielsen Library, constructed of Colorado red stone accented with white columns and trim, was completed in 1973. Housed here are 134,184 books, 54,398 bound periodicals, 384,145 federal and state government documents, 681,147 ERIC microfiche, 667 journal and newspaper subscriptions and 3,473 audio visual items.

Some of the special features of the library include study areas equipped with individual carrels; modern research tools, including on-line services such as OCLC, FirstSearch, EBSCOhost, LexisNexis Academic Universe and Innovative Interfaces (Triple I) public catalog; Ruth Marie Colville Room that houses valuable material on the history of the San Luis Valley, Colorado and Northern New Mexico; the Archive Room which contains materials and memorabilia from the College. Also, an electronic classroom for library instruction is located on the first floor. The Library is a member of the Western Colorado Academic Library Consortium (WCALC) and Colorado Academic Library Consortium (CALC).

Plachy Hall. The center of physical and recreational activities on campus is Plachy Hall and the surrounding grounds. Located here are six tennis courts, four handball/racquetball courts, two basketball courts, a modern, expanded weight room, and an indoor swimming pool. All facilities and equipment are available for general student use.

College Center. The College Center contains a game room, cafeteria, coffee shop, convenience store, and bookstore, as well as the offices of student government and the college newspaper. Here,

too, are large-screen televisions, study and practice rooms, a 24-hour computer lab, and meeting rooms. It is the hub of campus life.

Rex Activity Center. Rex Activity Center is a lively facility for fitness, wellness, and recreation. It has state-of-the-art cardiovascular equipment and offers a variety of fitness options. Those include aerobic sessions, weight training, racquetball, basketball, volleyball, and an 1800-square-foot climbing wall. It is a great place to get in shape and meet friends.

Instruction Buildings. Up-to-date instructional facilities include Zacheis Planetarium; Leon Memorial Concert Hall; Porter Hall completed in 1998; a new art building complete in 2000, and a new theatre building in 2001, liberal arts, Psychology, business, and education; as well as student computer labs.

Richardson Hall. This is the oldest building on campus, named after one of the college's best-loved presidents, Ira Richardson. Found here are the auditorium, and the Luther Bean Museum and art gallery, as well as major administrative offices for the college.

Residence Halls. The residence halls vary in size, accommodation, lifestyle, and regulations. There is a living group to match each student's personal preference.

History

Adams State College, founded in 1921 by the Colorado General Assembly, opened June 15, 1925. The name Adams State honors long-time San Luis Valley resident William "Billy" Adams, former state senator and governor of Colorado.

Since 1925, the college has grown from a normal school that offered a Bachelor of Arts degree in education with a life certificate to teach in Colorado public schools, to an institution offering Bachelor of Science, Bachelor of Arts, Master of Arts, associate degrees, and selected pre-professional programs of study. Adams State College maintains its vital role as a leader in teacher education throughout southern and western Colorado and the primary deliverer of selected graduate teacher education programs.

Location

Adams State College is located in Alamosa, Colorado, a city of 10,000 people. Situated in the San Luis Valley, an alpine valley the size of the state of Connecticut located in south central Colorado, the campus is surrounded by the breathtaking beauty of the Sangre de Cristo and San Juan mountain ranges. With towering peaks of over 14,300 feet, the mountains provide a variety of winter and summer sports and account for the brisk winter nights and sun-filled days for which the Valley is known. A sense of history and adventure unique to the Southwest creates an environment conducive to both academic and social growth.

Alamosa is serviced by United Express and bus service. Denver is 220 miles to the north, and Albuquerque, New Mexico, is 200 miles to the south. Within a two-hour drive are five ski areas and such historic towns as Taos, Santa Fe, and Creede.

Off-Campus Programs and Extended Studies

Extended Studies provides continuing education opportunities which include (but are not limited to)

- Independent Study Courses
- On-line Instruction
- Professional Development Courses
- Off-Campus Certificates/Degrees

Extended Studies works closely with the academic departments to assist in fulfilling the college mission to provide educational opportunities to students in rural areas or who are otherwise unable to attend the residential campus. Extended Studies is able to work with cohort groups in providing individual courses and/or entire programs specific to area needs. For further information on how Extended Studies can assist you, please call 1-800-548-6679 or (719) 587-7671 or access <http://exstudies.adams.edu>.

Admission to the College

Adams State College welcomes applications from qualified individuals who will benefit from the programs offered.

Applicants seeking admission are considered on the basis of all available information. Affirmative decisions related to admission and retention are based on the premise that enrollment in the College will be in the best interest of the individual as well as the College.

The College reserves the right to deny admission to applicants whose total credentials reflect an inability to assume those obligations of performance and behavior deemed essential by the College relevant to any of its lawful missions, processes, and functions.

The typical admitted student in the fall 2002 freshman class had a 3.2 grade point average, was ranked in the top one-third of his/her graduating class, and had an enhanced ACT composite score of 20.8.

Admission Requirements

Freshman Admission

Adams State College requires:

1. A completed application.
2. A \$20 application fee (non-refundable).
3. An official transcript of high school records (sent directly to the Admissions Office from the high school).
4. The American College Test (ACT) or Scholastic Aptitude Test (SAT) for all students entering from high school.

Students should have an Index Score of 80 or higher, based on the Colorado Commission on Higher Education Admission Index. The Index combines your high school grade point average with your ACT or SAT scores. An 80 Index Score, for example, is equivalent to a 2.4 high school GPA combined with a 19 ACT or 900 composite SAT score. Lower ACT/SAT scores can be combined with higher GPAs in order to reach an 80 Index Score, and vice versa. [NOTE: Adams State College's statutory role and mission enables the College to admit any qualified student who graduates from a San Luis Valley high school.] Some students who do not meet the above requirements may be considered on an individual basis for conditional admission to the BA or BS degree programs or admission to the AA/AS degree programs.

Students admitted to the Associate of Arts (AA) degree program will be encouraged to seek assistance from the tutorial program, the Reading Laboratory, and from the student's advisor and counselor. The student may also be required to take one or more basic skills classes determined on the basis of deficiencies shown by his/her ACT/SAT scores. A student is given the opportunity to test out of some of these classes during the first week of school. If a student must remain in a basic skills class, a surcharge for each class will be assessed. After successfully completing more than 12 collegiate semester credit hours with at least a 2.3 cumulative GPA, a conditionally admitted student may transfer to a BA or BS degree program.

For admission to the Bachelor's program, applicants should meet the following criteria:

1. Graduation from an accredited high school with a minimum of 15 secondary school units, grades 9 through 12.
2. Of the 15 units, 10 should be chosen from the academic fields of English, foreign language, mathematics, science, and social studies. Recommended units are as follows: English – four units; mathematics – two units, including algebra and a higher level mathematics class; laboratory science – two units; social science – three units; foreign language – two units; and computer applications – one-half unit.

Admission of Non-High School Graduates

Students who are not high school graduates may be admitted as regular students by successfully completing the high school-level GED test. Persons seeking admission under the GED program must:

1. Submit a completed application.
2. Submit a \$20 application fee (non-refundable).
3. Submit an official copy of the GED scores showing a score of 45 or higher.
4. Submit official ACT/SAT scores.
5. Submit an official copy of any high school level work attempted.

Transfer Admission

Transfer students who have earned more than 12 collegiate semester credit hours with a 2.3 cumulative GPA from an accredited college or university, or students who have earned a transferable AA or AS degree may be unconditionally admitted to ASC. In determining the cumulative grade-point average at ASC, only work taken at Adams State will be included. If a course is repeated, the most recently earned grade is used in the GPA computation. If students have taken less than 12 hours at a previous college, they will enter Adams State College as first time students. They must provide ACT or SAT scores and high school transcripts (Effective until June 30, 2005).

Admission Procedure for Transfer Students:

1. Return completed application form.
2. Submit a \$20 application fee (non-refundable).
3. Have former college(s) send official transcript(s) directly to the Office of Admissions.
4. A student completing less than 12 credits of transfer work must also submit ACT/SAT scores and an official high school transcript.

It is best to complete the admission process by August 1 for the fall semester, December 1 for the spring semester or May 1 for the summer session. **All application materials must be mailed to the Admissions Office, Adams State College, 208 Edgemont Blvd., Alamosa, CO 81102.** (The scholarship deadline is March 15.)

Transferring Credits

- A. Adams State will accept work in which grades of A,B,C,P (Pass), CR (Credit) and S were earned for transfer credit. Courses in which a grade of D was earned are not accepted for transfer unless the course is an integral part of an Associate of Arts or Associate of Science degree.
- B. Students with Advanced Placement scores of 3 or higher and CLEP scores in the 50th percentile or higher may receive credit upon approval by the department chair of the appropriate department. Vocational courses and courses which are listed as "no equivalent" at ASC can be considered for credit after the student completes 24 hours of course work at ASC with a 2.0 or higher GPA. The credit must be approved by the department chair in which the student's major is located.
- C. There is no limit to the number of transfer hours accepted. However, students are required to complete a minimum number of hours to obtain a Bachelor's degree. (See part D.)
- D. Transfer students are urged to visit the campus and meet with an academic advisor or program chair and the Records Evaluator to ensure a smooth transition of transfer credits.
- E. Transfer credit more than 10 years old must be evaluated by the Assistant Provost for Academic Affairs, the Records Evaluator/CAPP Administrator if the course falls under the General Education requirements or the Department Chair for all other courses.
- F. The Colorado Community College Core Curriculum will be accepted in total as meeting all general education requirements at ASC. The Technology Proficiency Exam and Writing Assessment are institutional graduation requirements that must be satisfied.

G. Coursework Transfers:

Individuals with course work seeking admission to degree programs at Adams State College will be evaluated using ASC's general admission policies and the transfer policy (see below)

Adams State will evaluate courses in three categories:

Category 1: General education courses, their equivalents (both in-state and out-of-state), courses specified in the statewide core transfer process or the guaranteed transfer process with grades of "C" or better will be evaluated by the designee of the Records Department for acceptance

Category 2: Upper level courses (200-400) or courses specifically related to a student's intended major with grades of "C" or better will be evaluated for acceptance by the Department Chair for which the credit would be issued.

Category 3: Credits that fall outside of Categories 1 and 2 (i.e., elective credits) will be evaluated for acceptance by the designee of the Records Department and/or the Department Chair for which the credit would be issued.

H. Degree Transfers:

Individuals with degrees (BA/BS) (including more than 10 years old) will have their general education courses accepted in total as meeting ASC's general education requirements with the exception of time sensitive courses (e.g., computer science courses, geography). Time sensitive courses will not be accepted over 10 years old. Individuals with an in-state AA/AS degree (including more than 10 years old) will have their general education courses accepted in total as meeting ASC's general education requirements. Individuals with an out-of-state AA/AS degree (including more than 10 years old) will have their general education courses evaluated on a course by course basis. Individuals with an Associate of Applied Science degree or an Associate's degree in General Studies (including more than 10 years old) will have their general education courses evaluated on a course by course basis.

- I. In order to receive transfer credit from non-accredited schools, the student must complete 24 hours with a 2.0 GPA. Credits may then be presented to the Assistant Provost for Academic Affairs and the Department Chair over the course content area for approval.

Degree/Program Requirements

- A. Students who have not completed the Colorado Community College Core Curriculum will be required to meet all the ASC general education requirements in effect at the time of admission.
- B. The Bachelor's degree is conferred upon completion of a minimum of 120 academic semester hours comprised of general education, major requirements, and elective credit. Additional majors or minors are optional. A cumulative scholastic average of 2.0 must be earned in all work attempted at ASC. (2.75 GPA required for admission to teacher education)
- C. Forty-two (42) semester hours of the course work required for a degree at ASC must be upper division (300-400 level). At least half of the required semester hours for any major must be completed at ASC. All students pursuing bachelor's degrees are required to undergo an assessment of their writing during the semester in which they will have completed 60 hours of credit. Students are strongly advised to confer with the chair of their major department or program about the unit's writing assessment policy as soon as they have chosen a major.
- D. Students transferring to ASC must satisfy the degree and major requirements listed in the ASC catalog in effect at the time of their first registration at the institution from which they transferred, provided that they have remained continuously registered (i.e., completed at least one course in either the fall or spring semester of each academic year) and transfer to ASC with out interruption. Students who interrupt their studies at their prior institution for more than one regular semester (i.e., fall or spring) or do not transfer to ASC in the semester immediately following their last semester of enrollment at their prior institution must meet the ASC

- requirements in effect during the first semester of their enrollment at ASC. In any case, students who do not complete all requirements for the Bachelor's degree within seven years of their initial enrollment at their prior college must meet the ASC degree requirements in effect during the academic year prior to their final year of study.
- E. Students entering Adams State College (ASC) must demonstrate a baseline proficiency with technology by either: (1) passing the ASC Technology Proficiency examination with a grade of 70% or higher or (2) passing an approved technology course with a grade of C or better. This proficiency must be achieved by the end of the sophomore year.
 - F. All students must fulfill and pass the Writing Assessment. For students seeking an Associate of Arts or Associate of Science degree please see the Assistant Provost for Academic Affairs, for all other students pursuing Bachelor of Arts or Bachelor of Science degrees please see your Department Chair.
 - G. Requirements for majors may be found in the ASC catalog.
 - H. Courses to be substituted in the Professional Education Program require Teacher Education department chair approval.

Transfer Appeals Process

1. Transfer students may appeal the initial transcript evaluation within 15 days from the date of the evaluation.
 - a. The student may appeal: (1) a decision regarding the transferability of a specific course(s); (2) a decision regarding the placement of a specific course(s); (3) the institution's failure to provide a transcript evaluation within the designated thirty (30) calendar day period. The appeal must be submitted in writing to the Assistant Provost for Academic Affairs. The decisions regarding transfer and/or placement made in the initial evaluation will be binding if the student fails to file a written letter of appeal within fifteen (15) calendar days.
 - b. The Assistant Provost for Academic Affairs will review the appeal with the Records Evaluator and appropriate department chair(s).
 - c. The Assistant Provost for Academic Affairs will have thirty (30) calendar days to review the student's appeal and inform the student in writing of the decision on the appeal, including the rationale for that decision. The student shall be informed in writing about the process for appealing the appeal decision, should the student feel that reasonable doubt exists.
 - d. If the Assistant Provost for Academic Affairs fails to inform the student of the available appeal options, the decision shall be null and void. The student's request prevails and can not be overturned by any institutional administrator or committee.
2. Students may have an opportunity to appeal the first appeal decision.
 - a. The student may appeal the first appeal decision by writing the Assistant Provost for Academic Affairs. The appeal must be filed within fifteen (15) calendar days of the post mark date of the letter notifying the student of the initial decision. If the student fails to file an appeal within this time period, the original decision shall be binding.
 - b. The Provost for Academic Affairs must hear and reach a decision on the appeal within (15) calendar days after the appeal is filed.
 - c. The student will be notified in writing by the institution of its decision regarding the transfer appeal and the rationale for the decision. In addition, the institution shall inform the student that the student may appeal the decision by writing the governing board.
3. Students may have an opportunity to appeal the institutional appeal decision.
 - a. The student may appeal the institutional decision by writing the Academic Vice President of the governing board. The appeal must be filed within five (5) calendar days of the post mark date of the letter notifying the student of the institutional decision. If the student fails to file an appeal within this time period, the institutional decision shall be binding.

- b. The governing board staff shall review and reach a decision on the appeal within five (5) calendar days after the appeal is filed.
- c. The student will be notified in writing by the governing board of its decision regarding the transfer appeal and the rationale for the decision. In addition, the institution shall inform the student that the student may appeal the decision by writing the Colorado Commission on Higher Education. The appeal must be filed within five (5) calendar days of the post-mark date of letter notifying the student of the governing board's decision. (Copies of the Commission's procedures in such matters can be obtained from the Office of the Provost for Academic Affairs.)

International Students

Adams State College welcomes international students. All international students who desire to enter the College must comply with all provisions of the Immigration Act. A complete set of credentials, including verification of financial support, must be sent to the Office of Admissions with a formal application for admission and a \$25 non-refundable application fee in U.S. dollars (check or money order). All information must be in English. The College must have proof of English proficiency. A score of 550 (paper-based) or 213 (computer-based) on the TOEFL exam is considered acceptable, or if a student attends an ESL program, successful completion of level 109 is considered acceptable.

College or university-level work completed outside the United States will be accepted directly in transfer only if the college or university is accredited by one of the U.S. regional accrediting associations. Other collegiate-level work is acceptable only on the basis of credit by examination. This examination will be conducted by the Department Chairs most closely associated with the academic classes in which the student may wish to transfer. Each Department Chair will decide whether a written, oral, or credit review of the transcript will be necessary to establish credit.

Admission to Graduate Studies

Descriptions of graduate programs, admission requirements and related endorsements may be found in the 2003-2004 Graduate Catalog or visit the ASC web site <http://segs.adams.edu>. Please contact the Office of Graduate Studies at 719-587-7936.

Financial Aid

The following information has been prepared to provide a better understanding of the student financial aid programs at Adams State College. The purpose of financial aid is to assist those eligible students who, without such aid, would be unable to pursue their educational goals. The primary responsibility to meet college costs lies with the student and the student's family, with financial aid from the college being a supplementary source of funding. The amount of need-based financial aid offered to a student cannot exceed the student's documented financial need. A student's financial need is determined through a uniform need analysis of the student's and/or family income, assets, etc., in comparison with the anticipated costs of the student's education. Financial aid records are classified as confidential and are treated accordingly.

Financial Aid Awards

1. The State of Colorado, Federal Government, and Adams State College make all financial aid awards in compliance with the policies, guidelines, and regulations.
2. Awards may consist of one or a combination of the various student aid programs.
3. Financial aid recipients are notified of their awards by mail or in person, as applicable.
4. Funding of all financial awards is contingent upon the State of Colorado and U.S. Department of Education funding of the financial aid programs at Adams State College.
5. All students who receive financial aid must meet the Standards of Satisfactory Academic Progress Policy. The standards are listed in the Adams State College Student Handbook.

Application for Financial Aid

1. File an application for admission to Adams State College (required only once during the student's attendance at Adams State College).
2. Submit the "Free Application for Federal Student Aid".

Please request the various forms necessary to complete your application for student aid from the Financial Aid Office.

Additionally, the following factors are considered in the awarding of financial aid to an individual who qualifies:

1. Individual aid program maximums and minimums.
2. The availability of funds at the time the student's aid application is received. Those applications received and completed on or before the published application deadline will receive first consideration.
3. The individual's eligibility for a specific kind(s) of student aid.

Financial aid is administered without regard to race, color, creed, sex, national origin, handicap, political affiliation, or other non-merit factors.

Eligibility for financial aid must be determined each college year; therefore, applications are required to be completed annually.

For information about financial aid, contact the Office of Financial Aid, Adams State College, Alamosa, CO 81102, call Toll Free 1 800-824-6494 or (719) 587-7306, or e-mail at asca@adams.edu

Veterans

The College is authorized by the Colorado State Approving Agency for Veterans Education in accordance with Federal law to educate students receiving benefits through the Veterans Administration.

For further information regarding veteran's benefits, see the Veterans Clerk in the Records Office, Richardson Hall Room 188.

Tuition and Fees Per Semester

(Fall 2004: Subsequent years may change)

The Trustees of Adams State College, the governing board, reserves the right without notice to alter tuition and fee charges prior to the first day of any semester. See Housing and Food Services for room and board costs.

	Undergraduate	Graduate
Enrollment for 10 or more credit hours:		
Colorado Resident		
Tuition*	\$899.00	\$1,086.00
College Service Fees*	289.00	289.00
Technology Fee**	53.00	53.00
Assessment Fee	5.00	5.00
TOTAL	\$1,246.00	\$1,433.00

Non-Colorado Resident

Tuition*	\$3,714.00	\$4,453.00
College Service Fees**	289.00	289.00
Technology Fee**	53.00	53.00
Assessment Fee	5.00	5.00
TOTAL	\$4,061.00	\$4,800.00

A health insurance premium will be assessed to all students carrying 10 or more hours. The premium charge is \$110 per semester. Waiver forms are available in the Office of Business Affairs.

*A tuition surcharge, per credit hour, is also assessed for registrations in excess of 24.0 credit hours. This rate is the same as the part-time tuition rates listed below:

Enrollment for 9 credit hours, or less, per credit hour:

Colorado Resident	\$ 90.00	\$ 109.00
Non-Colorado Resident	371.00	446.00
College Service Fees**	19.65	19.65
Technology Fee**	5.35	5.35

Residence status is determined in accordance with the provisions of CRS 1953 as amended 124-19-1. Trustees of the State Colleges in Colorado have adopted administrative procedures under this statute. Declarations of intent to become a resident of Colorado have no bearing on residence requirements for tuition payment purposes.

Charges for courses taken for no credit (NC) or audit are the same as for courses taken for credit.

Course Specific Fees

Certain courses may have fees specific to the course. They are applicable each semester in terms of individual registration. Courses with "Course Specific Fees" are listed on the Academic Resources website,

http://student.adams.edu/pdfs/course_fees_2003.pdf

Art and Photography Fees (per applicable course)	Vary
Basic Skills Course Fee (per applicable course)	\$53.25
Classroom Instruction Technology Fee (per applicable course)	10.25
Communications Fee (per applicable course)	20.50
Field Geology (per applicable course)	314.00
Graphic Lab Art Fees (per applicable course)	100.00
Music Lessons (per credit hour)	80.00
Off-Campus Delivery Fee (per credit hour)	32.25**
Physical Education Activity Fee (per applicable course)	4.50
Science, Math, Technology Course Specific Fee (per applicable course)	10.75

**Undergraduate & Graduate Off-Campus courses or courses offered by internet are assessed the Off-Campus Delivery Fee. If the Off-Campus Delivery Fee is assessed, College Service Fees and Technology Fees are waived.

Incidental Fees

These fees are non-refundable

Admission Fee (Undergraduate)	\$20.00
Deferred Payment Fee, Extension of credit by installments, as arranged	5.00
Health Insurance, if not waived, per semester	110.00
Late payment (assessed for payment after the scheduled payment deadline any semester)	25.00
Library material overdue fines (per item)	5.00
Library Replacement Fines (replacement costs + \$10 processing fee, per item)	Vary
Parking Fines (per occurrence)	10.00-45.00
Parking Permit	16.00-25.00
Placement Credentials (per set)	4.00-6.50
Reactivation of Placement Credentials (for three years)	10.00
Returned Check Charges (per check)	15.00
Student Identification Card (new students)	25.00
Student Identification Card Replacement	10.00
Transcript Fee – Official (paid in advance)	4.00
Transcript Fee – Unofficial (paid in advance)	1.00
Transcript Fee –FAXED (paid in advance)	14.00

Payment and Refund of Fees

Payment

Students, by the act of registration, automatically incur a financial obligation to the College. This means that students who register for one or more classes (unless they officially withdraw from the College within the time specified for a partial refund), are responsible for payment of the full amount of their tuition and fees, whether or not they attend class. Students with unpaid financial obligations of any nature due the College shall not be allowed to register for classes, receive a transcript of credits, or a diploma upon graduation.

Tuition and fee rates, as well as payment deadlines, are listed in the Class Schedule each semester. A \$25 late fee is charged for payment not completed by the deadline.

Refunds of Tuition and Fees

Complete Drop/Withdrawals

To obtain a refund, official withdrawal forms must be completed according to the procedure for complete drop/withdrawal. The following steps must be completed:

1. Initiate the procedure through the Assistant Provost for Student Affairs and Enrollment Management, Richardson Hall, Room 234.
2. Visit and obtain clearance and signature at each office specified on the official withdrawal form.
3. Present official withdrawal form for determination of refund at the Business Office, Richardson Hall, Room 130.
4. Finally, take the signed form to the Office of Records for official withdrawal from all courses for the semester.

Students who attempt an "unofficial" withdrawal will still be registered, continue to incur charges, and will have failing grades posted at the end of the semester. Refunds made to students officially withdrawing are made through the 60% point period in the semester.

Refund Schedule	
Upon Withdrawal	Percent of Total Tuition and Fees Refund/Adjustment
Week 1	90%
Week 2	80%
Week 3	80%
Week 4	70%
Week 5	60%
Week 6	60%
Week 7	50%
Week 8	50%
Week 9	40%
The above calculations are based on a 16-week semester.	

As an example, if a student officially withdraws during the first week of classes, the College retains 10% of tuition, fees, and other applicable charges. If tuition and fees have been paid in full, the remaining 90% is refunded. If tuition and fees have not been paid, the student is billed for 10% of applicable costs.

Other ASC Refund Policies Applicable to Complete Drop/Withdrawal

Refunds for room and meal plans are made as per the above schedule. Room refunds or adjustments are made only after the room is vacated and the occupant is checked out by ASC Housing personnel. Board refunds or adjustments are processed only after notification of cancellation is received at the ASC Housing Office. After the ninth week of the semester, there are no refunds or adjustments for housing or meal plan charges.

Refunds for Health Insurance are processed at 100% through the semester census date. After semester census date, there are no refunds or adjustments for health insurance.

Repayment of Financial Aid Funds

Complete Withdrawals

Students who receive financial aid and then withdraw may be required to repay all or a proportionate amount of aid received. Repayment amounts are determined in accordance with federal, state, and institutional regulations and policies. The policy for repayment of financial aid funds is available in the ASC Student Handbook. Copies of the repayment policy can also be obtained by contacting the Office of Student Financial Aid at (719) 587-7306, the Business Office at (719) 587-7728, or the Office of Admissions at (719) 587-7712

Student Information

Most out-of-class activities and services for students are administered by the Division of Student Services and Enrollment Management. These include pre-college counseling; counseling of a personal and social nature, as well as academic guidance and advisement; living accommodations; recreational and social events; outdoor programs; activities affiliated with clubs, organizations, and student government; foreign student advisement; placement and career planning; and tutorial assistance.

Academic Advising

All Adams State College students are assigned an academic advisor in accordance with the proposed major listed on the student's application for admission. Undeclared majors are advised in the Academic Advisement & Tutoring Center. Students also may request a particular faculty member for their advisor. Advisor assignments are made by the Academic Advisement & Tutoring Center. It is important that the student work closely with the advisor throughout their academic career, especially in the freshman and sophomore years, in planning a relevant course schedule. If a student wishes to change advisors, or if an advisor recommends a change, the Academic Advisement & Tutoring Center must be notified. The Academic Advisement & Tutoring Center is located in the College Center.

Advisors are furnished a copy of all previous college and high school transcripts. In advising and registering students, academic advisors and other college officials strive to prevent errors. The student, however, is responsible for knowing the requirements of the desired degree program. This information is available in the Catalog. When registering, the student is expected to follow the registration procedures as outlined and prescribed by the Office of Admissions and Records. Students must assume complete responsibility for registering for those classes that meet their needs.

Alumni Association

The Associated Alumni of Adams State College serves all Adams State College graduates. Pledged to support Adams State College in its educational mission, the Association publishes a periodic magazine for alumni and friends, raises funds for and administers a scholarship program, and sponsors Homecoming and other special events for alumni.

Bookstore

The College Bookstore is located in the College Center, where students may purchase necessary textbooks, general reading books, supplies, gifts, soft goods, computer software, network supplies and art supplies. The College Bookstore is owned by Adams State College.

Campus Card

Campus Card is the identification system on campus. As well as a student ID, the Campus Card is also a debit card. Deposits to the Campus Card may be made at the Office of Housing, the Business Office, the College Center Office, or at any automatic deposit machine. The Card then may be used for purchases in the dining room, food court, bookstore, the College Center copy machine, retail stores, laundry, and the various vending machines on campus. A \$25 fee is charged for the initial card, there is a \$10 replacement fee for all lost or stolen cards.

There is no minimum deposit required and no monthly service charges. Balances and statements are available upon request and at various card terminals.

Dependent cards are available to immediate family members of all students and to all faculty and staff who pay student fees. The cost for a dependent card is \$5 each.

Campus Media

Campus media at Adams State College operate under the sponsorship of AS&F and the Communications Board. Media on campus are the South Coloradan, the official student newspaper; Genesis, the college literary magazine; and KASF-FM, the College radio station and is maintained by student staff in consultation with a faculty advisor.

Clubs and Organizations

The College encourages the formation of clubs and organizations that further the interests and opportunities of students in a specified field of endeavor or recreation. In order for any organization or club to be chartered on campus, it must present a constitution to be approved by the AS&F Senate and the College President. Club funding is contingent on AS&F recognition and AS&F Senate approval. Specifically, organizations or clubs will not be recognized on campus if they (1) discriminate according to race, creed, sex, age, or ethnic background or (2) advocate the overthrow of the government of the United States, the State of Colorado, or any of its subsidiaries.

The diversity within the student body allows for a wide range of interests, knowledge, occupations, and backgrounds, which contributes to a unique learning experience. All students are encouraged to participate in the activities on campus. Opportunities are offered through athletic, educational, religious, and service organizations. Further information relative to specific clubs and organizations may be obtained from the AS&F Office, the Office of the Director of Student Life, or the Office of Student Affairs.

College Center

The College Center is the lively, friendly hub of the campus. It is designed for all members of the campus community.

The College Center building and staff provide facilities, services, and programs for students, faculty, administration, staff, alumni, and guests. Conveniences and services for the campus community are provided through the bookstore, the game room, the information desk, outdoor equipment rental, food service, retail stores, student offices, meeting rooms, and auditorium. The "living room of the campus" provides a setting in which members can get to know and understand one another through informal association outside the classroom. The Center is an integral part of the educational program of the College. It serves as a laboratory of citizenship, training students for social responsibility and leadership. The various boards, committees, and staff provide a cultural, social, and recreational program designed to make free-time activity complement study and education. These self-directed activities promote maximum opportunities for self-realization and growth.

Counseling and Career Center

The Counseling and Career Center offers services to assist students in their growth and development in academic, personal and career areas. Personal and career counseling is available to all students and their families. Additionally, the Counseling and Career Center strives to provide the best possible environment for development through consultations with faculty, Student Affairs, and other campus and community agencies. To learn more, visit them at <http://ccc.sa.adams.edu>, or stop by 220 Richardson Hall, (719) 587-7746.

Counseling Services

Services are provided through individual sessions, couples counseling, family therapy, and group therapy. Issues that are commonly addressed include: depression, addictions, relationships, stress, eating disorders, self esteem, grief, anger management, and more. Support groups are offered on an ongoing basis, as well as, outreach services, which include, workshops, classroom presentations, and

housing programs. Coordination of the Sexual Assault Response Team (SART) is provided through the Center.

Career Services

Career counseling services are available to help students in the search for a rewarding major and career. Events such as the "Choose Your Major Program", the career exploration process, and personality assessments, all help students with their educational and career planning. Career counselors work with students individually and in groups to assist them in choosing a major, resumes, cover letters and interviewing skills, and job search techniques.

Workshops and presentations are regularly provided throughout the school year. Job placement is available to students and alumni and two job fairs are held each year.

Day Care Center

The Gingerbread House is a private, licensed childcare center that provides quality day care services when college is in session for ASC students with children ages 2–10 years, at a minimal cost. The day care program includes hot lunch and two nutritious snacks daily, planned indoor and outdoor activities to meet both group and individual needs, and guided free play to stimulate self-discovery. Pre-school sessions are also offered September through May. The Gingerbread House is located at 318 Girault Avenue, (719) 587-7162.

Dining Services

ASC Campus Dining Services provides meals and refreshments for the campus community. La Mesa Dining Hall offers nutritious balanced meals for students on a board plan or for the campus community to enjoy. Use of the Adams State College CAMPUS CARD in the Food Court and La Mesa Dining Hall is encouraged.

Disability Services

The Office for Student Affairs (234 Richardson Hall, (719) 587-7221,) manages services for students with disabilities, with assistance from Student Support Services (# 1 Petteys Hall, (719)-587-7632.) If you have, or suspect you have a disability that is impacting your academic performance, you will need to provide documentation of that disability to the Office of Student Affairs. Students may obtain a Disability Services handbook, which includes a comprehensive discussion of documentation requirements, by contacting the Office for Student Affairs. A qualified professional who is licensed or certified to diagnose the disability in question must supply documentation. In order to present their documentation for review, and arrange for accommodations in timely fashion, newly admitted students with disabilities are encouraged to schedule an appointment with the Office for Student Affairs several weeks prior to the start of an academic semester. Academic accommodations available to students with disabilities at Adams State may include, but are not limited to, extended time testing, interpreters, note-taker services, scribes, reader services (e.g., books on tape, electronic text), tutoring services, and registration assistance if needed.

First-Year Interest Groups

A First-Year Interest Group (FIG) is a group of up to 25 students sharing similar academic interests who take three of the same courses together. First-Year Interest Groups are specifically designed to meet the needs of first time college students. We have FIGs to meet many academic interests including: Pre-law, Teaching, Humanities, the Sciences, and other major-specific FIGs. Also, the majority of the FIGs have one or more courses that contribute to the required general education courses. As a FIG participant you'll be part of a team of students who are experiencing the same chal-

allenges and transitional issues faced by many first-year students. An upper-class Mentor is assigned to each FIG to assist with first-year issues and concerns. Students who participate in a FIG have the opportunity to get to know their professors on a more personal level as well as participate in co-curricular activities.

Foundation

The Adams State College Foundation, founded in 1962, is dedicated to furthering the educational goals of the college by seeking and managing contributions. The Foundation continually works to expand financial support for the college to provide resources for development and scholarships for students.

Grizzly Den

The Grizzly Den, located in the College Center, has a variety of snack and personal items available.

Health Services

The community hospital, located within walking distance from campus, are well-staffed and maintained to provide medical services to students.

Each student must have health insurance. A student must have private insurance before waiver of the student insurance coverage provided by Adams State College can be allowed. Therefore, to waive College insurance, students must report to the Office of Business Affairs the name of the company with which they have insurance coverage.

Information relative to student health insurance is available in the Office of Business Affairs.

International Student Advisor

An international student advisor is available in the Academic Advisement & Tutoring Center (located in the College Center) to help foreign students with financial, personal, or immigration problems. All international students are required to visit with the international student advisor upon arrival on campus and to maintain contact with the advisor during their stay at the College. Academic advising is done by an academic advisor in the department in which the student majors. For further assistance, call (719) 587-7657.

Local Activities

Swimming pools, handball courts, horseshoe pits, tennis courts, indoor and outdoor tracks, weight room, and game facilities are available to students. Movie theaters, restaurants, and pubs offer entertaining night life.

Musical Activities

Adams State College's Music Department offers many opportunities for full participation in music ensembles: marching, concert, and jazz bands; concert choir; jazz singers and chamber singers. Private lessons on standard wind and percussion instruments, as well as private voice lessons are also available upon payment of a fee and as space permits. Students are encouraged to participate in any of the department's activities, regardless of major.

New Student Weekends, Orientation, and Registration

All freshmen enrolling at Adams State College for the first time are encouraged to attend the new student weekends and the orientation program. New Student Weekend, Orientation and Registration Schedules may be found on the ASC web site and are mailed to all newly admitted students.

Public Safety and Law Enforcement Services

The Adams State College Department of Public Safety provides services to protect and serve the college community. The department strives to maintain a college environment that is conducive to the pursuit of academic goals. Public Safety services are provided to protect and serve the College community and to maintain a campus atmosphere conducive to the pursuit of academic and social goals.

Both certified full-time classified officers and part-time student officers staff the department. The department also employs civilian in Clerical, Parking Management, and Student Escort positions. Several full-time officers, as well as part-time student employees, serve as public safety officers. The department employs cooperative efforts with local law enforcement agencies including Colorado State Patrol, Alamosa City Patrol and Alamosa County Sheriffs Office. Each state certified officer is also a duly-sworn Alamosa County deputy sheriff, which allows the department to function as part of a two-agency group in Alamosa County. The Department of Public Safety assumes a student-centered approach in the delivery of services and programs. The department provides Crime Prevention presentations and information to the Adams State College community. The Office of Public Safety assumes a legal, but student-centered, approach in extending its services on campus. Authority for public safety is derived from state law. All police activity on campus is coordinated through the Public Safety Department.

The Department of Public Safety also participates in systems designed for life, fire and building safety. The Department of Public Safety also has the obligation to inspect for all life, fire, and building safety and health codes and to cause the necessary corrections to be implemented. Members of the department are always available when needed to render assistance to any person.

The Public Safety/Law Enforcement Office is located at the corner of First and Richardson Avenues, phone (719) 587-7901. Dispatch services for ASC Department of Public Safety is available 24 hours a day at (719) 589-5807. For emergency assistance, please dial 911. The emergency and dispatch phone number is (719) 589-5807 or 911

Reading Enrichment Services

A reading course designed to enrich the student's reading skills may be taken for two credits. This laboratory course is designed to offer vocabulary efficiency fundamentals in reading skills, study skills, and rate improvement. Students arrange their schedules at convenient times with the help of the lab director. (See course description for Education Reading 095 Reading Skills Laboratory.)

Theatre Activities

The Theatre Program produces at least seven major plays each year, most of them directed and designed by the theatre major themselves. ASC students do not need to be theatre majors to audition or work backstage, however. The Theatre Program provides all students with many opportunities for creativity, growth, and quality training.

Student Government

Associated Students and Faculty (AS&F). Each student who pays College service fees is a mem-

ber of this organization upon registration. Faculty members also participate. The organization was founded to promote cooperation between the students and faculty members of the College. The general social life, social programs, and other student activities of the College are directed through various arms of the AS&F Senate. The AS&F Senate is also a policy-recommending body to the President of the College. The AS&F Senate serves as a student-lobbying organization for positive changes for the students of Adams State College. Elected officers of the student body and elected faculty members make up the AS&F Senate and are the point of contact for recommending matters pertaining to student life.

Residence Hall Councils. Each residence hall has a governing council. The council assists the residence hall director in recommending policies pertaining to student life within the residence halls. The Residence Hall Council assists in coordinating functions among residence halls.

Student Life

The Office of Student Life offers a wide variety of social, recreational, and developmental programs and services designed to enrich each student's college experience. Participation in Student Life and co-curricular activities at Adams State College supports the academic mission of the institution by contributing to student learning, growth, and development. Student Life is comprised of eight student-centered areas including Student Leadership Series, Program Council, Rex Activity Center, Intramural Sports, Outdoor Program Center, Challenge Course, Cross-Cultural Center, and Summer Activities. In addition, Student Life coordinates several traditional campus events such as Welcome Week, Homecoming, Campus Scramble and Grizzly Daze. The programs and services offered by Student Life are open to the entire campus community and are generally free of charge. For further information, contact the Office of Student Life & Recreation by calling (719) 587-7962 or 587-7018.

Challenge Course (Ropes Course)

The Challenge Course is an experiential learning facility that offers participants the opportunity to explore personal and group issues in a supportive, but challenging environment. The course consists of low and high elements that student organizations, residence hall groups, and academic classes and departments can use to help stimulate learning and group development. Student organizations and academic departments can reserve the Challenge Course by contacting the Office of Student Life & Recreation. Groups are encouraged to make reservations a minimum of two weeks prior to their desired workshop date. Student Life will provide the required number of facilitators and assistants at a minimal cost to insure each group has a safe and productive experience. Group leaders are required to meet with their facilitator prior to their workshop date to discuss the group's needs, interests, and desired outcomes. For further information, contact the Office of Student Life & Recreation by calling (719) 587-7018.

Cross-Cultural Center

The Cross-Cultural Center opened its doors in Fall 2001 with the completion of the Student Life Center remodel project in the College Center building. The mission of the Cross-Cultural Center is to acknowledge, celebrate and promote the diverse cultural experiences of each member of the Adams State College community. The center supports the intellectual, social and cultural development of students by offering opportunities for open dialogue concerning race, class, ethnicity, nationality, gender, sexual orientation and disabilities in a safe and supportive environment. The center sponsors a number of programs during the academic year such as Cross-Cultural Week and, in addition, collaborates with academic departments and other campus offices to design and implement educational programs that support student learning and development. For more information contact the Office of Student Life by calling (719) 587-7962.

Intramural Sports

The Intramural Sports program at Adams State College offers a diverse schedule of team and indi-

vidual activities throughout the academic year. The program is managed by two graduate assistants and supervised by the Rex Activity Center. In the past, the IM Sports office has sponsored softball, flag football, volleyball, 3-on-3 basketball, basketball, indoor soccer, golf, bowling, and 5K runs, among others. Registration forms and rules for each sport can be obtained at the IM Sports Office located on the first floor of the Rex Activity Center. For more information call (719) 587-7989.

Outdoor Program Center

The Adams State College Outdoor Program, established in 1925, is the third oldest college outdoor adventure organization in the country. The Outdoor Program is designed to provide members of the ASC community and residents of the San Luis Valley with programs and services that instill an appreciation for nature and outdoor pursuits. In addition, the Outdoor Program offers students the opportunity to develop leadership skills through active participation in outings, and workshops and one-credit enrichment courses. The Outdoor Program Center is located in the Student Life Center on the first floor of the College Center building. The center offers weekend outings, workshops and seminars, trip and equipment consultation, and a large inventory of outing equipment that is available for rent at reasonable prices. For further information, contact the Outdoor Program by calling (719) 587-7813.

Program Council

Program Council is a 20-member volunteer student organization charged with designing and implementing a variety of programs and services that help to create a lively campus environment. The council is led by a five member Executive Board that consists of a president, vice presidents for programming, finance, marketing, and a secretary. The four standing committees include Contemporary Entertainment, Films, Recreation, and Special Events. Program Council presents live comedy shows featuring nationally recognized performers, concerts, feature films, recreation tournaments, annual campus traditions, and special events including the Medicine Show, and Student Talent Show, among others. Applications for Program Council membership are available throughout the academic year. For further information, stop by the Program Council Office located in the Student Life Center or call (719) 587-7226.

Rex Activity Center

The Rex Activity Center re-opened its doors in 1995 after extensive renovations turned the historic building into a first rate student recreation facility. The Rex Activity Center is a student-funded facility designed to meet the health and fitness needs of members of Associated Students & Faculty (AS&F). All activity areas in the building are available to students on an unrestricted basis with the exception of those times scheduled for non-academic aerobic classes, climbing wall clinics, workshops, and special events. The facility houses a basketball/volleyball court, two racquetball/wallyball courts, aerobic/dance studio, free weight and cardiovascular areas, 1800 square foot climbing wall, and men's and women's locker rooms. A variety of recreational equipment is available at the Main Desk for students to check out for free or for a reasonable rental fee. The Rex Activity Center also offers Wellness Workshops and numerous special events including the Homecoming 5K Run, Family Nights and fall/spring Climbing Competitions. For further information, contact the Rex Activity Center by calling (719) 587-7018.

Student Support Services

Student Support Services (SSS) provides services to targeted student groups (first generation college students, low-income students, students with disabilities) at Adams State College. Services for

targeted student groups are provided through enrollment in the SSS program, and include tutoring, learning communities, study skills workshops, supplemental financial aid, and cultural activities. SSS also provides a variety of mini-workshops on such topics as time management, goal setting, study skills, and test anxiety every semester; these workshops are open to all ASC students. Student Support Services is located in # 1 Petteys Hall, (719) 587-7632.

Talent Search

The Talent Search Program is a grade 6-12 pre-collegiate career-counseling program for students which offers intensive assistance to students, parents, teachers and counselors. Major emphasis will be provided to graduating seniors with application to college(s), filing financial aid and other pre-enrollment forms. The Talent Search program also offers services to adults who want to return to high school or college. For further information, please contact the Talent Search Program, Richardson Hall, room 252, or call (719) 587-7895.

Testing Services

The area of Education and Graduate Studies administers and processes the American College Test (ACT), which is required of all students at ASC. The College requires the ACT examination for all entering freshmen. Three hours of Communication Arts I credit may be granted by the completion of the English section of the ACT with a score of 27 or higher. Other tests to assist in the placement of students may be given from time to time as necessary.

Upward Bound

The Upward Bound Program is designed and funded to work with high school students who have the potential for success in college. The Upward Bound Program strives to unlock each student's potential through academic skills development and extensive career and personal counseling. The program consists of an academic year program and a summer residential program. The program provides numerous employment possibilities for college students in the education and counseling fields. For further information, please contact the Upward Bound Program, Richardson Hall, room 245, (719) 587-7865.

The Writing Studio

The Writing Studio provides help to students with every part of the writing process, from generating ideas about assignments to final editing. Skilled peer-tutors offer assistance for every kind of writing in each discipline, ranging from freshman composition papers, biology papers, or poetry, to graduate portfolios. The Writing Studio furnishes an extensive collection of books and handouts relating to the writing process, a quiet atmosphere to study and compose, computers equipped with word processing programs and various writing tutorials, including paper analysis programs. Peer-tutors and faculty volunteers are in the Writing Studio to help students learn to proof and perfect their own work free of charge; it is the students' free writing resource. The Writing Studio is located in ES 209/210; Phone (719) 587-7898.

Housing and Food Services

The College provides a number of housing accommodations located throughout the campus for undergraduate and graduate students. Since the physical environment of students is an important part of the educational experience, the College takes great pride in providing supervised and carefully planned modern facilities. Various lifestyle options are available within the residence halls so that students may select the area that best suits their individual needs.

Each residence hall is staffed with a residence director and several student resident assistants. These key people help create a residential living environment that can sustain productive and creative educational experiences. During the year, students will come into contact with a variety of other students, many of whom have differing lifestyles, social and moral values, and cultural backgrounds.

NOTE: The College requires that all freshman and sophomore students live in the residence halls, except as excused for definite reasons expressed in writing and approved by the Director of Housing and Residence Life.

Lifestyle options/rates for 2002-2003 and 2003-2004 may be revised.

Family Accommodations

Rates

These are 2002-2003 rate and future academic rates are subject to change.

Houtchens Hall	\$410 per month (two bedroom)
Moffatt Hall	\$445 per month (three bedroom)
Faculty Drive	\$410 per month (two bedroom) \$445 per month (three bedroom – space is limited)

Charges for the above apartments are based on a monthly schedule. Utilities are furnished in all units. Each apartment is adequately furnished with the exception of linens (window and shower curtains on Faculty Drive), bedding, tableware, cooking utensils, kitchen tables and chairs. Application for rentals is made to the Director of Housing and must be accompanied by a \$150 housing deposit, \$50 of which is a non-refundable application fee. When proper notice is given and the occupancy is terminated, the \$100 deposit, less any deductions for damage, defacement, or outstanding accounts in the Business Office, will be refunded.

Faculty Drive – These are two-bedroom apartments located west of the center of the campus. They are four-plex units constructed of red brick. Window and shower curtains are not provided in these units. The furnishings may include a double bed, single beds, chests, electric range, and refrigerator.

Houtchens Hall – These are two-bedroom apartments arranged in a three-story residence hall located in the northwest corner of the campus. Window and shower curtains are provided in this hall, and the furnishings are the same as above.

Moffatt Hall – These are three-bedroom apartments arranged in a three-story residence hall adjacent to Houtchens Hall. They are furnished, and window and shower curtains are provided.

Food Services

Rates

2003-04 rates may change for 2004-05.

Seven Day (19 meals + \$50 flexi) Meal Plan	– \$1,425/semester
Seven Day (15 meals + \$125 flexi) Meal Plan	– \$1,425/semester
Seven Day (9 meals + \$200 flexi) Meal Plan	– \$1,425/semester

La Mesa Dining Hall is open to all students, faculty and guests, serving three meals per day Monday

through Friday and brunch and dinner on Saturday and Sunday. The food court, located in the College Center, features Sub City, Pizza Hut Express, and Trujillo's Express.

All board charges are payable at the start of each semester. Special arrangements can be made through the Business Office.

Charges for the board plan will accrue on a weekly basis only. Refunds will be made on a weekly basis (with no proration on the weekly charge) up to the last two weeks of the semester. No refunds will be made on the board charges until the meal plan has been properly canceled at the Housing Office. Meal plans must be canceled by Friday so that charges will not accrue for the following week.

The Board of Trustees of Adams State College shall make adjustments to published rent and food charges as deemed appropriate.

Laundry Services

Students provide their own towels, pillowcases, sheets, blankets, and other personal articles, such as bedspreads and throw rugs. The College provides laundry facilities in residence halls (except Faculty Drive), where students may do their personal laundry. All laundry rooms can accommodate the Campus Card. Faculty Drive has washing machine connections in every apartment and there are also dryer connections in building 14 through 20.

Non-Cooking Residence Halls for Single Students

Conour Hall (women) is a three-story residence hall that houses 88 women with two women per room. Individual closet space, drawer space, desk, bookcase, overhead light, and twin bed are provided for each student. Coin- and Campus Card-operated washing machines and dryers are provided in the laundry room. A private lounge area is located on the first floor. (Meal ticket required.)

Girault Hall (co-ed) is a two-story residence hall that houses 200 students with two students per room. Each student is provided with an individual desk, overhead light, bookcase, bulletin board, closet space, drawer space, and twin bed. The two-story complex has a lounge with a TV viewing area and a study lounge. Coin- and Campus Card-operated washing machines and dryers are provided in the laundry room. (Meal ticket required.)

Coronado Hall (co-ed). A spacious lounge provides a TV area, program and student area that separates the building into two sections. Each section is a three-story complex housing 244 students. The rooms are arranged in suites with two bedrooms and a private bath in each suite. Four students are assigned to each suite. Each section provides the student with a laundry room equipped with coin- and Campus Card-operated washers and dryers. (Meal ticket required.)

Payment and Refund of Residence Hall Charges

All room and board charges are payable at the start of each semester. Special arrangements can be made through the Business Office.

No refunds on room charges will be made until the room has been vacated and the occupant properly checked out by housing personnel. The refund policy has been revised and is available in the ASC Student Handbook and Standards of Residence and Judicial Handbook. All room charges will begin from the official opening of the residence hall, unless prior arrangements have been made with the Director of Housing and Residence Life.

NOTE: Lifestyle options/rates could be revised. Rates may increase slightly in some areas.

Residence Hall Apartments for Single Students

McCurry and Savage Halls (co-ed by apartment – sophomores and above) are designed for comfortable apartment-style living. Three to six students share a three-bedroom apartment that is fully furnished with the exception of tableware and cooking utensils. A kitchen/living room and one and one-half baths complete the apartment. (Meal ticket optional.)

Petteys Hall (co-ed by apartment – sophomores and above) provides group living for three to six students in a three-bedroom apartment. Each apartment is furnished with the exception of tableware and cooking utensils, and provides cooking facilities and one and one-half baths. There are four apartments and a common lounge area on the second and third floors. (Meal ticket optional.)

Moffatt and Houtchens Halls (co-ed by apartment – juniors and above) are designed for comfortable apartment-style living. Two to six students share a two- or three-bedroom apartment that is fully furnished with the exception of tableware and cooking utensils. A kitchen/living room and one and one-half baths complete the apartment. (Meal ticket optional.)

Single Student Housing

Rates

These are the 2002-2003 rates and future academic rates are subject to change.

Non-Cooking Residence Halls

Conour	\$1,335/semester double occupancy \$1,650/semester single occupancy (subject to space availability)
Girault	\$1,335/semester double occupancy \$1,650/semester single occupancy (subject to space availability)
Coronado	\$1,490/semester double occupancy \$1,900/semester single occupancy (subject to space availability)

A meal plan is required for all residents who reside in the above residence halls.

Residence Hall Apartments

McCurry/Savage	(sophomores and above) \$1,870/semester per person (private bedroom)
Petteys	(sophomores and above) \$1,870/semester per person (private bedroom)
Moffatt/Houtchens	(juniors and above) \$1,870/semester per person (private bedroom)

All campus housing room charges include utilities, local telephone services, basic and extended basic cable television.

The Office of Housing and Residence Life send housing application forms and contracts to all students upon acceptance to the College. All completed housing applications and contracts must be returned, along with the \$150 housing deposit, \$50 of which is a non-refundable application fee to the Director of Housing and Residence Life. All contracts are for the entire academic year, or the remainder thereof, unless otherwise specified.

Campus Policies and Regulations

Affirmative Action Policy

Adams State College is committed to an affirmative action policy. The College subscribes to the policy that there is no place in an academic community for discrimination based on race, creed, sex, or ethnic background. The College will use its influence to discourage such discrimination, whether it be on the campus or in the community.

A faculty member serves as affirmative action officer and is responsible for coordinating compliance efforts and investigating any complaints concerning discrimination. This responsibility includes institutional compliance with Title IX.

General Campus Policies

Adams State College expects all students, as well as faculty and staff, to observe national, state, and local laws and to respect the rights and privileges of other individuals. The College expects each individual within the academic community to refrain from behavior that would disrupt the College function of education; cause injury to persons; cause damage or loss of property on the campus; or interfere with the freedom of movement of students, school officials, employees, or guests at facilities of the College. Interference in any manner with the public or private rights of other individuals or conduct that threatens or endangers the health and safety of any person will not be tolerated by the College. The President or Vice President or their designee may summarily suspend any student in violation of these standards, pending a hearing of the case before the College magistrate, when it appears that reasonable cause exists to believe the continued presence of the accused student on campus poses a threat to the safety of the student, other persons, or property, or a threat to disrupt College functions or activities.

Students should be aware that such misconduct may also subject them to any penalties that may be prescribed by municipal, state, or federal laws. The imposition of such additional penalties does not constitute double jeopardy, inasmuch as College punishment is not criminal in nature.

The Colorado General Assembly has passed a trespass and interference law with the education act. Violation is a Class 3 misdemeanor (Colorado Revised Statutes, 1973, 18-9-109).

Student Rights and Responsibilities

The College expects all students, as well as faculty and staff, to observe national, state, and local laws and to respect the rights and privileges of other individuals. The College expects each individual within the academic community to refrain from behavior that would disrupt the College function of education, cause injury to persons; cause damage or loss of property on the campus; or interfere with the freedom of movement of students, school officials, employees, or guests at facilities of the College. Interference in any manner with the public or private rights or other individuals or conduct which threatens or endangers the health and safety of any person will be not tolerated by the College. The President or his designee may summarily suspend/expel any students in violation of these standards, pending a hearing of the case before the College Magistrate. Students should also be aware that such misconduct may subject them to any penalties which may be prescribed by municipal, state, or federal laws.

Code of Conduct

All students share a common and heavy responsibility to maintain a climate suitable to a community of scholars. They have equivalent responsibility with the faculty for study and learning and for conducting themselves with academic integrity in a manner compatible with the College's func-

tion as an educational institution. The College has a duty and the corollary disciplinary powers to protect its educational purposes through the regulations of the use of facilities and through the establishment of standards of scholarship and conduct for the students who attend the institution. Disciplinary proceedings should play a role substantially secondary to example, counseling, guidance, and admonition. When the preferred means fail to resolve problems regarding student conduct, proper procedural safeguards should be observed to protect the student from the unfair imposition of serious penalties for violation of College policies. Students violating rules of conduct, as set forth by the College, will be subject to disciplinary action. Expectations of behavior for all students are as follows:

1. All students are expected to practice academic honesty. They should refrain from any form of cheating, plagiarism, or knowingly furnishing false information to the College.
2. All students are expected to refrain from forgery, alteration, or use of any College documents, records, or instruments of identification with intent to defraud or deceive.
3. All students are expected to make only authorized entry to or use of any College facility. College facilities are interpreted to mean buildings, grounds, equipment, or materials.
4. All students are expected to comply with directions of College officials acting in performance of duties and to show identification upon request by a college official.
5. All students are expected to observe federal and state laws relative to narcotic drugs, beer, and liquor.
6. All students are expected to observe rules and regulations as set forth in specific College facilities.
7. All students are expected to refrain from impeding freedom of movement of students, school officials, employees, or invited guests to all facilities of the College.
8. All students are expected to refrain from physical abuse or intimidation of any person on College-owned or controlled property or at College-sponsored or supervised functions and to refrain from conduct that threatens or endangers the health or safety of any person.
9. All students are expected to refrain from theft of or damage to College property or the private property of any student, school official, employee, or invited guest when such property is located in College buildings or facilities.
10. All students are expected to refrain from unauthorized possession of firearms, explosives, or other dangerous weapons upon the grounds, or in buildings, or other facilities of the College.
11. All students on College premises or in any building or College facility are expected to refrain from engaging in disorderly, harassing, or indecent conduct that results in a disruption, impairment, or interference of the educational mission, process, procedures, or functions of the College. Such proscribed conduct includes, but is not limited to, the following: coarse or offensive utterances, gestures, or displays; abuse or threats to any other person; unreasonable noise on College premises or in any building or other facility; fighting with another person; discharging or displaying a firearm on campus; striking, shoving, or kicking a person; directing obscene language or gestures to another person; or performing in a public place or in public view any of the following: (a) an act of sexual intercourse or (b) an act of deviate sexual intercourse or (c) a lewd exposure of the body.
12. While on or near College premises or facilities, all students are expected to refrain from denying lawful freedom of movement, lawful use of College facilities, or the right of lawful entry or exit from the physical facilities of the College to any other student, school official, employee, or invited guest. All students on the College premises or in any building or College facility shall not impede through the use of threat, restraint, abduction, coercion, intimidation, force, or violation any staff or faculty in the lawful performance of official duties, nor any student in the lawful pursuit of educational activities. No student shall willfully refuse or fail to leave the property of or any building or other facility used by the College upon being requested to do so by the President or his designee if such student is committing, threatens to commit, or incites others to commit any act that would disrupt, impair, interfere with, or obstruct

the lawful missions, processes, procedures, or functions of the institution.

13. All students are expected to observe College regulations regarding artists, lecturers, films, videotapes, and entertainment media.
14. All students are expected to refrain from any violation of federal, state, and municipal laws and from any other conduct not included above that adversely affects the function of the College and the pursuit of its educational purposes and objectives.

All students are expected to refrain from theft, alteration, destruction, illegal utilization, unauthorized entry into, plagiarism, and otherwise misuse of computer software or hardware.

All students should familiarize themselves with and be responsible for all information contained in the Student Handbook as authorized by the Trustees of the Consortium of State Colleges in Colorado. This handbook is available in the Office of Student Affairs, Richardson Hall, room 234.

Eligibility to Represent the College in Any Major or Individual Competitive Activity

Performance by students in group or individual competitive activities (athletic as well as other types) is subject to the following regulations:

1. Must be a regularly enrolled student whose program of studies must include not fewer than 12 credits of standard work, applicable to a reasonably systematic course of study. This does not prevent an unusually gifted student from participating in noncompetitive activities as a representative of the College if the student is registered and doing satisfactory work in enrolled courses.
2. Must be in suitable physical condition and be approved by a physician before being permitted to participate in any physical activity.
3. To be eligible to compete in collegiate athletics a student-athlete must have passed at least 24 credit hours in the preceding two semesters, of college attendance, maintain good academic standing, or maintain an average of 12 hours for each semester of full-time enrollment with a minimum of 2.0 GPA, and be making satisfactory progress toward a degree. This does not apply to first-year students in their first term of attendance. To compete in intercollegiate activities you must be enrolled in at least a minimum full-time program (not less than 12 semester hours).
4. When transferring from other colleges and wishing to represent the College in activities referred to in these regulations, must present a certified transcript or transcripts showing: (a) complete record of high school work, (b) statement of honorable dismissal, and (c) complete record of college work. For a two year transfer, this transcript must show that the student has accumulated a minimum of 4 transferable-credit hours, or an average of 12 transferable credit hours per full time semester with a minimum transferable GPA of 2.0, and attended the two year college for a minimum of two full time semesters. If transferring from a four year school the student-athlete must have a release showing good academic standing, making satisfactory progress toward a degree and approval to transfer in order to be eligible to compete. Students within to practice and/or compete on athletic teams must comply with the transfer rule of the National Collegiate Athletic Association (NCAA) and the Rocky Mountain Athletic Conference.

Obligations of a Student

The attendance of a student at Adams State College is a voluntary entrance into the academic community. By such voluntary entrance, the student voluntarily assumes obligations of performance and behavior reasonably imposed by the institution of choice relevant to its lawful missions, process-

es, and functions. These obligations are generally much higher than those imposed on all citizens by the civil and criminal law. So long as there is no invidious discrimination, no deprivation of due process, no abridgment of a right protected in the circumstances, and no capricious, clearly unreasonable or unlawful action employed, the institution may discipline students to secure compliance with these higher obligations as a teaching method or may sever the student from the academic community.

The discipline of students in the educational community is, all but in the case of irrevocable expulsion, a part of the teaching process. In the case of irrevocable expulsion for misconduct, the process is not punitive or deterrent in the criminal law sense, but the process is, rather, the determination that the student is unqualified to continue as a member of the educational community. Even then, the disciplinary process is not equivalent to the criminal law processes of federal and state criminal law.

Academic Information

Academic Advising

Students are expected to assume the responsibility for planning academic programs in accordance with College rules, policies, and requirements.

To assist students with this planning, an advisory system has been created. It is designed to provide a close relationship between students and faculty in an effort to help students make appropriate academic choices. Personnel from the Academic Advisement & Tutoring Center will serve in an advisory capacity to students.

Each new student is assigned an advisor. The advisor will aid the student in planning course work through registration and will be available for a conference each semester.

Should a student choose to change or add a major field of study, the student needs to contact the Academic Advisement & Tutoring Center (the College Center) and complete appropriate paperwork to be assigned a different advisor from the new field of study.

Academic Standing/Probation

In general, academic good standing means that a student has earned a number of quality points double the number of semester hours attempted. Students are placed on academic probation if their Adams State College GPA falls below a 2.0 after attempting 15 credits. Students remain on probation until they either 1) attain a 2.0 overall GPA or 2) have completed 45 credit hours at ASC with a cumulative GPA of below 2.0, at which time they will be placed on academic suspension for one semester.

Academic Suspension

Students whose cumulative GPA is below 2.0 after attempting 45 Adams State College semester hours will be suspended from further academic study for a period of one regular semester. Following the one-semester suspension, students may resume their studies on probationary status, with their academic progress monitored each semester until they achieve a cumulative GPA of 2.0 or above. Students readmitted following a semester of suspension may be suspended again if they earn a term grade point average below a 2.0.

ACT/SAT Credit in Advance for English

Students who complete the English section of the ACT with a score of 27 or higher, or the verbal section of the SAT with a score of 580 or higher, receive three hours credit for English 101.

Advanced Placement

High school students who have performed satisfactorily in advanced college-level courses before college entrance and have demonstrated a requisite achievement (minimum score of three) on tests of the Advanced Placement Program of the College Entrance Examination Board may submit the results to Adams State College for consideration for college credit. The Records Office will record the advanced placement and/or college credit based on determinations made by the appropriate department chair.

Auditing Courses

Students in good academic standing may broaden and deepen their educational experience by auditing courses. Auditing permits the student to attend a course without being required to complete exams and assignments. It is the College's intent, however, that auditing be a serious commitment on the part of the student and not disrupt the student's progress toward a degree. Careful consultation with the student's academic advisor is recommended. Physical Education (activity courses) are exempt from auditing. Music (activity) courses available for auditing purposes require the permission of the instructor and instructor label. Contact the department of Music for further information.

A student who wishes to audit a course must mark the "NC" (No Credit) column for the course on the registration sheet and complete the registration process prior to the end of the add period. An audited course does not carry academic credit, nor does it satisfy any degree or program requirement. Regular tuition and fees will be charged.

Availability of Classes

Adams State College does not offer all of the classes listed within this catalog each semester or each year.

Adams State College reserves the right to withdraw from its offerings low-enrolled classes during any particular semester. Other courses may be added if there is sufficient demand.

In some programs, certain courses may be offered on an alternate-year basis or as determined by demand.

Catalog Applicability

Baccalaureate Students

Entering first-year students seeking the B.A. or B.S. degree must satisfy the degree requirements listed in the catalog in effect at the time of their first semester of enrollment at ASC, provided that they remain continuously enrolled. Students who interrupt their studies for more than one regular semester (i.e., fall or spring) must satisfy the degree requirements in effect during the semester they re-enroll. In any case, students who do not complete the B.A. or B.S. degree within seven years of their first enrollment must satisfy the degree requirements in effect during the academic year in which they will graduate.

Associate Degree Students

Entering first-year students seeking an A.A. or A.S. degree must satisfy the degree requirements listed in the catalog in effect at the time of their first semester of enrollment at ASC, provided that they remain continuously enrolled. Students who interrupt their studies for more than one regular semester must satisfy the degree requirements in effect during the semester they re-enroll. In any case, students who do not complete the A.A. or A.S. degree within four years of their first enrollment must satisfy the degree requirements in effect during the academic in which they will graduate.

Class Attendance and Tuition/Fee Payment

Students are expected to attend all class sessions. The College places the responsibilities of attendance upon the student. Tardiness and absences are dealt with by the instructor on the assumption that each student is expected to do the full work of the class. No person shall attend Adams State College classes on a regular basis without being properly registered and without paying appropriate tuition and fees. Exceptions to this policy are made for senior citizens and regular or retired Adams State faculty who may attend classes with the permission of the instructor and the Assistant Provost for Academic Affairs. The policy does not apply to designated community activities such as the community orchestra, etc. Visitors may attend class on a one-time basis with permission.

Classification of Students

Students are classified according to the number of semester hours of credit they have earned. Freshmen are those students who have earned fewer than 30 semester hours; sophomores are those who have earned 30 hours but fewer than 60; juniors are those who have earned 60 hours but fewer than 90; seniors are those who have earned 90 hours or more.

Continuous Enrollment

A student who, after initial matriculation, does not enroll for two consecutive semesters (fall/spring or spring/fall) shall be subject to the catalog requirements in effect during the semester of re-enrollment.

College Level Examination Program

(Either General or Subject Exams)

Students who have performed satisfactorily in college-level courses before college entrance and have demonstrated a requisite achievement (minimum score of 50th percentile) on tests of the College Board-College Level Examination Program may submit the results to Adams State College for consideration of college credit. The Records Office will record the College credit based on determinations made by the appropriate department chair. The maximum credit on the General Exams is 18 semester hours (in the areas of Humanities, Natural Science and Social Science). The semester hours of credit for each Subject Exam as well as credit by examination in total will be determined by the appropriate department chair.

College Office Hours

Except Saturdays, Sundays, and legal holidays, the administrative staff of the College maintains office hours from 8 a.m. to 12 noon and 1 p.m. to 5 p.m. (summer hours may be from 7:30 a.m. to 12 noon and 1 p.m. to 4:30 p.m.). Some offices are open through the lunch hour and include Admissions, Extended Studies, Records, Financial Aid, External Affairs, and the Business Office. If consultations with the president or other members of the staff are desired, it is advisable to request an appointment.

Commencement

Graduation ceremonies are held the end of fall and spring semester. Students who complete degree requirements may participate in commencement. Information sheets giving details about graduation exercises, fees for caps, gowns, and announcements will be mailed approximately one month prior to commencement.

Course Descriptions

Course descriptions are listed in alphabetical order by department at the end of this catalog. The course description gives the department number and title, the semester hours of credit offered, an explanation of the content of the course, and other information needed for planning a program.

Course Load

The normal course load is 15 to 17 semester hours. A student must carry at least 15 semester hours to be eligible for full financial aid. Students desiring to take more than 20 semester hours per semester must seek special permission through the Assitant Provost for Academic Affairs. Tuition sur-

charges will be assessed on course loads in excess of 24 credit hours. Academic full-time status requires enrollment for 12 semester hours during any semester.

Course Numbers

Courses numbered 001 through 099 are considered basic skills courses and will not be counted toward the required hours for an Associate or bachelor's degree. Students enrolled in basic skills courses will be assessed a surcharge. Courses numbered below 300 constitute the lower division. Courses numbered 300 through 499 constitute the upper division. Course numbering is based on a pattern that places all classes numbered 100-199 in the first year, 200-299 in the second year, 300-399 in the third year, and 400-499 in the fourth year. Those numbered 500-599 are graduate courses. Students may take a class numbered more than one year above his class rank with special permission from the department chair and the instructor of the class. Classes numbered 500 may not be used for undergraduate credit.

Credit by Examination

Students may petition to receive academic credit for a course if, through prior experience and study, they have attained knowledge and skills that constitute the requirements of the course. Students may receive approval of their petitions if the following criteria have been met:

1. The student is enrolled for the course and appropriate tuition and fees have been paid.
2. The instructor teaching the course agrees that the student's background experience qualifies the student to be given an opportunity to "test out" for credit.
3. The department chair approves the request and instructional recommendations.

Grades for course work completed by examination will be recorded by the instructor in accordance with the grading system for the class. If credit by examination is requested for a course offered by the College but not being offered during that particular term, the student may enroll for the course under independent study.

Credit for Military Experience

Students who have served in the military service and wish to have their experience considered for college credit need to make an appointment with the Assistant Provost for Academic Affairs during their first semester of attendance at ASC. Appropriate paperwork will need to be provided. The Assistant Provost for Academic Affairs will evaluate the military credit and make the decision as to how the credit will be awarded.

Credit or No Credit Courses – See Auditing Courses

Evaluation of Degree Requirements

Students are responsible for the fulfillment of graduation requirements. The Academic Advisement Center is available to students who are undecided about their proposed academic major. Students will need to work closely with their academic advisor after a major/minor has been declared. Some students will need more than one advisor, particularly students seeking teaching licensure.

Applications for graduation are available in the Records Office, Department Chair Offices, or Assistant Provost Office and must be submitted to the office of the department chair in which the student's major is housed. Those students who are pursuing the associate of arts or associate or science degree submit their application for graduation to the office of the Assistant provost for Academic

Affairs. The application must be completed within the first month of the semester prior to anticipated graduation. All necessary paperwork must be on file in the Records Office before the student will be approved for graduation.

Final Examinations

Final exams must be taken during the time scheduled in the course schedule. Students requesting alternative exam schedules (for family crises or medical emergencies only) will be referred to the Assistant Provost for Academic Affairs. Only students with genuine and demonstrable family crises or medical emergencies should seek an alternate schedule.

Grade Appeals

At Adams State College, the grading of student learning is solely an instructor right and responsibility. The best way of insuring satisfaction with a course grade is by reading the course syllabus supplied at the start of each semester by each faculty member and by completing each assignment and communicating with the instructor. If a student believes the final grade in the course does not fairly reflect their performance, the student must follow the normal appeals process. Initially the student should meet informally with the instructor in an attempt to resolve the concern. If this informal consultation does not resolve the issues, the student should request a formal meeting with the Department Chair, the faculty member, and the student to attempt to resolve the disagreement. (In the School of Business, the student should meet with the faculty member and the Dean.) In the event that the disagreement is not resolved at either of these two levels of appeal, a final formal appeal may be made to the Assistant Provost for Academic Affairs. The Assistant Provost for Academic Affairs may request appropriate written materials from the instructor and also request that the student explain their reasons for appeal in writing. The Assistant Provost for Academic Affairs decision is the final and irrevocable step for an internal institutional appeal. Only the relevant faculty member or the Assistant Provost for Academic Affairs (in extraordinary circumstances; departure/death of the original faculty member/instructor or judgment by the Assistant Provost for Academic Affairs that alteration of the original grade is necessary) may alter the original grade awarded. Appeals not in process prior to midterm of the following semester shall have no standing and the Grade awarded shall remain in effect.

Grade-Point Average Computation

The Adams State College grading system is based on a standard four point scale and GPA is calculated by dividing total quality points by credit hours attempted.

Grade Report

Students should meet with their instructors throughout the semester to discuss their academic progress. Prior to mid-term, students will be notified of all classes in which they are in jeopardy of receiving a failing or low grade. Final grade reports will be available online as early as the Tuesday evening following the final week of courses. Students who wish to have their grade reports mailed should log in to <http://portal.adams.edu> and complete the information requested for having a grade report mailed.

Grading System and Quality or Honor Points

Alphabetical grades are used and are reported at the end of each term.

Grade per credit	Quality Points
A Excellent	4
B Good	3
C Satisfactory	2
D Poor, but passing	1
F Failure, COURSE LEVELS 100-599	0
IN Incomplete	IN
P Pass, COURSE LEVELS 100-599	**
W Withdrawal without penalty	*
S Satisfactory, REMEDIAL COURSES 090-099	***
U Unsatisfactory, REMEDIAL COURSES 090-099	0***
NC Audit	NC

*Credits not used to compute GPA and not counted toward graduation.

**Credits not used to compute GPA but counted toward graduation.

***Remedial courses do not count toward graduation.

Credits for courses graded "F" are used to compute GPA, but they do not count toward graduation. "P" credits may not transfer to other colleges and universities.

Graduation Agreements

Two-Year Graduation Plan

A student enters ASC with diverse abilities, interests and educational goals. ASC is committed to helping students develop their potential, expand their interests and, most importantly, reach their educational goals in a timely manner. Academic Advisers help all students plan their degree programs, select courses, register for classes and monitor their progress. This Two-Year Graduation Plan has been developed as an additional way to help students monitor their academic progress. Students who choose to participate in the Four-Year Graduation Plan will work closely with their advisers to meet all the requirements for completing their degree in two years. Students in the Two-Year Graduation Plan assume responsibility for the term-by-term monitoring of progress toward their Associate's degree in consultation with their academic adviser. Students pursuing the Two-Year Graduation Plan typically must average between 15 and 18 credits per semester. See page for Graduation Plan.

Four-Year Graduation Plan

A student enters ASC with diverse abilities, interests and educational goals. ASC is committed to helping students develop their potential, expand their interests and, most importantly, reach their educational goals in a timely manner. Academic Advisers help all students plan their degree programs, select courses, register for classes and monitor their progress. This Two-Year Graduation Plan has been developed as an additional way to help students monitor their academic progress. Students who choose to participate in the Four-Year Graduation Plan will work closely with their advisers to meet all the requirements for completing their degree in four years. Students in the Four-Year Graduation Plan assume responsibility for the term-by-term monitoring of progress toward their bachelor's degree in consultation with their academic adviser. Students pursuing the Four-Year Graduation Plan typically must average between 15 and 18 credits per semester. See page for Graduation Plan.

Graduation with Honors

Students with a cumulative grade-point average of 3.75 or higher graduate magna cum laude (with high honors). Students with a cumulative grade-point average of 3.9 or higher graduate summa cum laude (with highest honors).

Incompletes

The grade of Incomplete ("IN") is a temporary mark assigned for course work of acceptable quality that students, through no fault of their own, are unable to complete. It is not given for neglected or unsatisfactory work. The student must complete all remaining course requirements as specified by the instructor no later than one year following the end of the term in which the class was attempted. If the grade has not been assigned after the year deadline, the "IN" will be changed to an "F."

Individual Study Classes

Credit by individual study must be approved by the instructor, the department chair, and the Assistant Provost for Academic Affairs in writing, prior to enrollment. Forms may be obtained in the Records Office. The subject area to be studied will be determined by agreement between the student and instructor with the approval of the Assistant Provost for Academic Affairs. The course numbers will be 199, 299, 399, and 499 for undergraduate credit; 599 for graduate credit.

Internet Courses

Adams State College offers a limited number of internet courses. Courses with open enrollment can be found in each semester's course schedule in the section for the relevant academic department. Enrollment in internet courses may require a special fee payment.

No Credit Desired

See Auditing Courses

Registration

An explanation of registration procedures and a class schedule may be obtained from the Records Office prior to any registration period.

Repeat (Courses) Policy

Students may repeat courses: however the hours only count once – the most recent attempt. Previously attempted courses and grades remain on the academic record but are not computed in the GPA. Students who receive approval to take courses from other institutions need to be aware that the grade earned will not replace a low grade earned at ASC. Students must request a GPA update form in the Records Office for a re-computation of the GPA.

Residence Requirements

Semester Honors

Students earning a minimum of 15 or more hours of graded credit in a single term with a term grade-point average of 3.5 or above receive semester honors. Courses graded "P", "W", "IN", "S", "U", or "NC" cannot be included in the 15-hour minimum.

Semester Hours Credit

Course credit is based on units designated "semester hours." One semester hour represents one class period of 50 minutes per week and normally about one to two hours per week of preparation outside of class by the student. Laboratory courses give one semester hour of credit for each two or three hours of scheduled work in the laboratory during a week.

Semester System

The College operates on the semester system, with the calendar year divided into fall, spring, and summer sessions. The summer session (see below) is integrated with the two semesters of the academic year. This arrangement makes it possible to complete the baccalaureate degree requirements through almost continuous study or arrange the normal work of two semesters in any desirable sequence.

Student Conduct

Students are expected to conduct themselves both within and outside the College in a way that will reflect favorably on themselves and the College. A student may be dismissed at any time for misconduct of such nature as to be prejudicial to the College or for conduct that seriously infringes upon the rights of others. In the event of such dismissal, tuition and fees will not be refunded in whole or in part.

Summer Session

Adams State College maintains a summer session designed for undergraduate and graduate students interested in pursuing a college education and in qualifying for degrees, and licenses, thus offering students a year-round uniform academic program. Through full-time, year-round attendance, students may reduce the time of their four-year program. See the summer bulletin for programs and course descriptions.

Time Limitation on Credit

General education courses, their equivalents (both in-state and out-of-state), courses specified in the statewide core transfer process or the guaranteed transfer process over 10 years old with grades of "C" or better will be evaluated by the designee of the Records Department for acceptance. Upper level courses (300-400) or courses specifically related to a student's intended major with grades of "C" or better will be evaluated for acceptance by the Assistant Provost and/or designee of the department in which the student's intended major is located. Credit, such as elective credit, will be evaluated for acceptance by the Assistant Provost and/or designee of the department in which the student's intended major is located.

Timely Completion of Degree Requirements

Students are expected to complete degree requirements in a timely manner. Normally 15-16 credits per semester are necessary to accomplish these expectations.

"Topics in" Courses

"Topics in" courses provide for flexibility in providing studies that meet immediate needs but that may not be of long duration. The numbers designated for these classes are 179, 279, 379, 479, 589, and 579 depending on the level of the work presented.

Transcript of Credits

A fee of \$4 will be charged for each official transcript and \$1 for a student copy (available via <http://portal.adams.edu> at no charge). While every effort is made to assure prompt delivery of requested transcripts, 7-10 business days are necessary for processing the request. Under extenuating circumstances, an unofficial transcript may be faxed for \$11, paid in advance. No transcript of credits will be released if the student has an outstanding indebtedness due the College. A signed request *by mail or fax) must accompany payment for a transcript if the student is unable to request transcripts in-person.

Transfer Credit: (as it may be used by currently enrolled students)

Students who are currently enrolled at Adams State College who plan to take credit at another college or university must have the course work approved by the Assistant Provost for Academic Affairs prior to taking course work elsewhere. Forms for this purpose are available from the Assistant Provost for Academic Affairs. Failure to receive this approval may result in the credit taken not being accepted toward a degree or teacher licensure program.

Upper Division Hours

For graduation with a four-year degree, a minimum of 42 semester hours must be 300-400 level courses.

Withdrawal from College

If a student withdraws or plans to withdraw from the College, the following procedure should be followed:

1. Consult with the Assistant Provost for Student Services & Enrollment Management in room 234, Richardson Hall, to obtain the necessary withdrawal forms.
2. Visit the offices indicated on the forms and obtain the appropriate signatures. The Business Office will keep one of the forms.
3. Take the remaining one form to the Records Office in Richardson Hall, room 188. Failure to follow this procedure will result in unapproved withdrawal from all courses and forfeiture of any refund of fees for which the student may be eligible.

Any reasons for withdrawal after the date to be identified by the Provost for Academic Affairs as the last day to completely withdraw for all classes, will require verification by the Assistant Provost for Student Services and Enrollment Management for the student to receive a "W."

Workshops

Workshops are designed to respond to educational needs that involve considerable participation by students. The numbers designated for these classes are 192, 292, 392, 492, and 592 depending on the level.

Two-Year Concentrations AA/AS Degrees

Mission Statement

The College's goal is to prepare and educate students for a successful life and rewarding professional opportunities. Adams State College accomplishes these ends by providing the best possible instruction, which enables students to enter the working world equipped with the knowledge, and skills needed to professionally succeed. Additionally students are exceptionally well prepared to transfer to a four-year BA or BS degree program at ASC.

Two-Year Academic Programs

Adams State College offers courses of study preparing students for entry-level positions in a variety of occupations. The AA/AS degrees at ASC require the completion of ASC's General Education Requirements, SPT 100 and a minimum of 15 Credit Hours in a concentration approved by the Assistant Provost for Academic Affairs. The following concentrations are currently available:

- Chemical Analysis (Science)
- General Business (Business)
- Communications Technology (Science)
- Geographic Information Systems (Science)
- Multimedia Journalism (Arts and Letters)
- Theatre (Arts and Letters)

Interested students should consult with the Assistant Provost for Academic Affairs. Other concentrations may be available.

Additional Majors and Second Degrees

Second (or Additional) Majors

A student may earn a second or additional major by completing all requirements for the major as determined by the Assistant Provost for Academic Affairs. If a requirement for one major coincides with a requirement for the student's other major or majors, the student will be required to satisfy the requirement only once.

Second Bachelor's Degree

A student who holds a Bachelor's degree from a regionally accredited college or university may earn a second Bachelor's degree at Adams State College by satisfying the following requirements:

1. Satisfy all current College General Studies requirements. (New Transfer Policy states: Individuals with degrees (BA/BS) (including more than 10 years old) will have their general education courses accepted in total as meeting ASC's general education requirements with the exception of time sensitive courses (e.g., computer science courses, geography). Time sensitive courses will not be accepted over 10 years old.
2. Satisfy all requirements for a major different from the major or majors earned for the first degree.

Programs of Study and Degree Requirements

General Information for the Bachelor's Degree

The bachelor's degree is conferred upon completion of a minimum of 120 academic semester hours of credit. A cumulative scholastic average of 2.0 must be earned in all work attempted at Adams State College. All general education, major, minor, area of concentration, or teacher licensure requirements must be satisfied before a degree is awarded. All students must demonstrate baseline technological proficiency by the end of the sophomore year. The requirement may be met by scoring 70% or higher on the ASC Technology Proficiency examination or by passing an approved course with a grade of a C or better. Courses meeting this proficiency are Bus 120 (Business Computer Applications) and CSci100 (Introduction to Computers).

Not more than one-fourth of the credit required for the completion of a program of study may be taken in accredited extension and correspondence courses.

No "D" grade may apply to a major or minor field.

Junior college credit beyond 60 semester hours plus four physical education hours may be accepted by ASC but will not apply toward the 120 semester hour requirement. Students must complete at least 60 semester hours after completion of the last junior college work.

College Accountability/Assessment Program

Information provided through assessment activities enables Adams State College to continually improve educational services to assure that students receive a "quality education with a personal touch."

Adams State College students are asked to participate in the ASC Assessment Program in a number of ways. Students may be asked to complete an ACT or other Entering Freshman Survey, the ETS Academic Profile (after completion of 30-60 credit hours) or other test of achievement in general education, an ETS Major Field Achievement Test, or other test of achievement in the major, an ACT or other Student Opinion Survey prior to graduation, and an Alumni Survey during post-undergraduate years. The results of all individual student assessments are held confidential, although a student may receive a copy and interpretation of his/her own results. Results are not placed on student transcripts. Institutional reports to the governing board, Colorado Commission on Higher Education, and state legislature will use only group data so that no individual student is identified.

Remediation Math Placement

Policy

Students entering Adams State College with an ACT mathematics score of less than 19 are required to take the Adams State College Mathematics Placement Examination (MPE) prior to their first day of classes. Students who do not score at the appropriate level on this examination must successfully complete one or more leveling courses.

Recommended placement based on this exam is described in the tables below.

Course	MPE Score
College-Level Mathematics other than Math 120	23 or above
*Math 099 Intermediate Algebra	20 or above
Math 097 Basic Algebra Skills	11 or above
Math 095 Arithmetic Skills	Below 11

Note: To enroll in Math 120 Calculus as a first course, an ACT math score of 26 or higher or permission of department is required

Test Administration:

Students are advised upon admission to Adams State that they are required to have completed the MPE by the start of their first semester on campus. Information sent to admitted students includes a short sample of examination questions. A more extensive sample of the MPE is available on the web at <http://slv.adams.edu/departement/placement.htm>.

The exam is administered to groups of high school students during on-site registration visits in late spring. It is administered during the two summer retreats for enrolling freshmen, at freshmen orientation prior to the start of fall classes which is specified in the Academic Calendar and once during each semester at a predetermined time. Students who were not tested during a regularly scheduled time may elect to use the Academic Advising Center for testing by appointment.

Options for Remediation:

Students who do not score at the appropriate level on the MPE are informed of their options in writing. Since Adams State has a two-year statutory role and mission, remedial mathematics courses are available on campus each semester. Another avenue for remediation is through the Colorado Consortium. An ASC student may enroll for any of the required remedial mathematics courses through the correspondence program (contact ASC Extended Studies for details).

Policies for determining how students have satisfied remediation requirements:

Students are deemed to have satisfied remediation requirements upon successful completion of relevant remedial math courses (101, 095, 099).

Reading Placement Policy

Students entering ASC with an ACT reading sub-score of less than 18 are counseled to complete Ed Rd 095.

Test administration

ACT scores are available before students register. Students with reading sub scores of less than 18 should be advised to contact the Department of Teacher Education.

Availability of Leveling Course

Ed Rd 095, Basic Reading Skills is offered each semester.

Policy for determining if remediation has been satisfied

Students who have been advised in to Ed Rd 095 will satisfy the requirements by receiving a P (Pass) upon the completion of the course.

[note: Reading remediation is advisory and non-binding but highly recommended and may be required by various major programs.]

Writing Placement Policy

Entering freshmen with ACT English scores of 18 or below will automatically be enrolled in Eng 099, Basic Writing. Any student may, however, test out of Eng 099 by passing the English Placement Exam (administered at the beginning of each semester).

Test administration policy

The English Placement Examination is administered each semester in the Education and Social Science Building on the morning of the day classes begin. The test administrator is Carol Guerrero-Murphy (English Department Chair).

Practices for informing students regarding availability of remedial courses

Admitted students are informed by letter about the English Placement Exam policy and their remediation options. Students are free to place themselves in remedial courses. Those required to take the EPE are informed of their scores by 5 p.m. the day they take the test, enabling them to register before classes begin for either the remedial or the regular course, as appropriate. ENG 099 is offered on campus every semester.

Policy for determining how students have satisfied remediation requirements:

Students are deemed to have satisfied the remediation requirement upon completing Eng 099 with a "C" or better.

General Studies Requirements

Adams State College has prescribed a program of general studies for all students seeking baccalaureate degrees. This is done in the belief that our graduates must possess college level skills, competencies, and an acquaintance with major areas of knowledge commonly possessed by educated persons in a free society. Specifically, the program of general studies will foster in our graduates:

1. an understanding of and facility in the basic modes of communication and a desire and ability to initiate inquiry, question conventional wisdom, and analyze problems;
2. a sympathetic and critical understanding of the current state of knowledge, of the methods by which that knowledge has been produced, and of the interrelationships among the major academic divisions of knowledge: Fine Arts, Humanities, and the Natural and Social Sciences;
3. a capacity to develop and maintain a global perspective (cultural, historical and societal) from which a strong set of ethical and moral values can evolve;
4. an appreciation of the importance and desirability of continuing to pursue intellectual growth and physical well being throughout one's lifetime.

The above goals are deliberately pursued within specific general studies requirements, as well as within the academic major. Programs are designed to produce the following student outcomes.

General Studies Student Performance Outcomes

At the conclusion of baccalaureate study at Adams State College, graduates will:

have the ABILITY to:

1. read, write, speak, and listen accurately, effectively, and critically;
2. distinguish fact from opinion and think independently;
3. function as productive members of groups;
4. access information effectively;
5. think analytically, cooperatively, and creatively.

have an UNDERSTANDING of:

1. the major fields of knowledge and their interrelationships;
2. quantitative methods and their uses;
3. implications and uses of technology;
4. diverse moral and ethical philosophies;
5. one's place within a larger historical and multicultural framework.

APPRECIATE the importance of:

1. the aesthetic dimensions of human experience;
2. community involvement;
3. tolerance for diverse cultures, persons, and ideas;
4. a healthy lifestyle.

General Studies Curriculum

All students will demonstrate proficiency in writing and in the use of computer technology according to the information given below. All students will complete requirements in general studies areas I-VIII.

Writing Assessment

All students who entered ASC in the fall of 1999 or later pursuing bachelor of arts or bachelor of science degrees will be required to undergo an assessment of their writing during the semester in which they will have completed 60 semester hours of credit (typically, at the end of the sophomore year). Individual departments or programs may set their own requirements for evaluating their majors' writing abilities and achievements. Students are strongly advised to confer with the chair of their major department or program about the unit's writing assessment policy as soon as they have chosen a major. All students are advised to keep a file of their returned and graded written assignments (papers, essay examinations, reports, etc.) in preparation for this assessment. Students unable to show evidence of writing proficiency may be required to take additional writing instruction. Ordinarily, this will involve taking Eng 200, College Writing Review, and passing the course with a grade of C. **Students who have not satisfied the writing assessment requirement will not be permitted to take upper level classes beyond 90 semester hours.**

Technology Proficiency:

All students must demonstrate a baseline proficiency with technology by either (1) passing the ASC Technology Proficiency examination with a grade of 70% or higher or (2) passing an approved technology course with a grade of C or better. **This proficiency must be achieved by the end of the sophomore year – if this is not completed on time, students must enroll in one of the approved classes until proficiency is met.** Currently approved courses include Bus 120 – Business Computer Applications I and CSci 100 – Introduction to Computers. Details regarding topics covered on the examination are available on the ASC Website.

Area I. First-Year Studies. Required for all bachelor degrees.

ID 100	First Year Seminar	3 cr. hrs.
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Area II. Fluency in Oral and Written Communication. Required for all bachelor degrees.

Eng 101*	Communication Arts I	3 cr. hrs.
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Eng 102	Communication Arts II	3 cr. hrs.
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*Students who complete the English section of the American College Test (ACT) with a score of 27 or higher, or the verbal section of the Scholastic Aptitude Test (SAT) with a score of 580 or higher will receive 3 hrs. credit for Eng 101.

Area III. Human Behavior and Institutions. Required for all bachelor degrees.

Six semester hours from the following:

Econ 201	Economics and Today's Society	3 cr. hrs.
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Psyc 101	Intro to Psychology	3 cr. hrs.
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Soc 201	The Sociological Imagination	3 cr. hrs.
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Area IV. History and Culture. Required for all bachelor degrees.

HGP 110	Development of Civilization	3 cr. hrs.
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HGP 111	Development of Civilization	3 cr. hrs.
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Area V. Arts and Literature. Required for all bachelor degrees.

Six semester hours from the following:

AR 103	Art Appreciation	.3 cr. hrs.
Eng 203	Major Themes in Literature	.3 cr. hrs.
Mus 100	Intro to Music Literature	.3 cr. hrs.
Mus 102	Intro to Jazz	.3 cr. hrs.
SpT 180	Intro to Theatre	.3 cr. hrs.

Area VI. Quantitative Thinking. Required for all bachelor degrees.

One course from the following:

Math 104	Finite Mathematics	.3 cr. hrs.
Math 106	College Algebra	.3 cr. hrs.
Math 120	Calculus I	.5 cr. hrs.

Area VII. Science Foundations and Issues. Required for all bachelor degrees.

All students, regardless of major, must have course credits from each of the four disciplines – biology, chemistry, geology/earth science, and physics. Most students (except for science majors) should plan to take the sequence of Sci 101-104 to fulfill this area. Students who plan to major in science should visit with their advisor to confirm the courses they should take to fulfill this area.

Sci 101	The Sciences I – Physical Science	.2 cr. hrs.
Sci 102	The Sciences I – Chemical Science	.2 cr. hrs.
Sci 103	The Sciences II – Earth Science	.2 cr. hrs.
Sci 104	The Sciences II – Life Science	.2 cr. hrs.
Biol 203	General Biology	.5 cr. hrs.
Chem 111	Introductory Chemistry	.5 cr. hrs.
Chem 131	General Chemistry	.5 cr. hrs.
Geol 111	Physical Geology	.4 cr. hrs.
Phys 221	College Pysics	.4 cr. Hrs.
Phys 222	College Physics	.5 cr. hrs.
Phys 230	General Physics	.5 cr. Hrs.
Phys 231	General Physics	.5 cr. hrs.

Area VIII. Health and Fitness. Required for all bachelor degrees

EPLS 111	Issues in Wellness	.2 cr. hrs.
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Guaranteed Transfer Courses

Adams State College is a participant in the statewide guaranteed transfer process for General Education courses. A student successfully completing any of the ASC courses listed below is guaranteed that the courses in question will transfer to any state-supported College or University of Colorado. The receiving institution is required by Colorado Statute [HB01-1263 and HB 01-1298] to accept the course as meeting some portion of its General Education requirements. These courses are also designated in the Course schedule with the footnote "Z".

Ar 103 (GT-SS3)	Math 120 (GT-MA1)
Biol 203 (GT-SC1)	Phys 221 (GT-SC1)
Chem 101 (GT-SC1)	Phys 222 (lab)
Eng 101 (GT-C01)	Phys 230 (GT-SC1)
Eng 102 (GT-C02)	Phys 231 (lab)
HGP 110 (GT-HI1)	Psyc 101 (GT-SS3)
HGP 111 (GT-HI1)	Soc 201 (GT-SS3)
Math 104 (GT-MA1)	SPT 180 (GT-AH1)
Math106(GT-MA1)	

Bachelor of Arts in Interdisciplinary Studies

The Bachelor of Arts in Interdisciplinary Studies is intended for:

Students whose academic and/or professional interests would not be served by a traditional major in a single discipline.

The BA in Interdisciplinary Studies is designed to allow students whose academic interests do not fit an existing major to devise, in consultation with an advisor and the Assistant Provost for Academic Affairs, a major that encompasses two or more disciplines. The student must demonstrate that the proposed program has sufficient internal coherence to warrant the term "major". Upon successful completion of the degree program, students will have a well-built foundation not only in general education, but also in two areas of concentrated study.

Admission to the Interdisciplinary Studies Major

1. Admission Procedure

A student seeking admission to the Interdisciplinary Studies Major without licensure must make formal application to the Assistant Provost for Academic Affairs. The application shall be in the form of a letter stating the applicant's reasons for seeking an Interdisciplinary Studies major. Included with the letter should be a copy of the proposed major.

2. Admission Procedures – Transfer Students

Students transferring to Adams State College should make application during their first semester. Delay in applying for the major may delay completion of the degree.

3. Major Requirements

Upon admission to the major, the student will develop a degree program. That program must include the following:

1. Completion of a minimum of 120 semester hours of credit. A minimum of 42 semester hours must be in upper-division courses.
2. Satisfaction of the Adams State College General Studies requirements for the Bachelor of Arts Degree.
3. Satisfaction of the Writing Proficiency Requirement.
4. Satisfaction of the Technology Proficiency Requirement.

NOTE: A student seeking elementary licensure with an Interdisciplinary Studies major, who for any reason does not complete all the requirements for licensure, must make application to the Assistant Provost for Academic Affairs for admission to the Interdisciplinary Studies major without licensure. Because this change represents a substantial change in the student's degree objectives, it may require significant additional course work. For this reason, an early decision is desirable.

Arts and Letters

Included Arts and Letters are the areas of art, English, foreign language, history/government, journalism, music, philosophy, psychology, sociology, and speech/theatre.

Majors in Arts and Letters prepare students for graduate and professional schools and for careers in many fields, such as teaching, the performing arts, communications, creative writing, foreign service, historic preservation, public service, and numerous others. Majors in Arts and Letters may also be attractive to students who do not know precisely which career they wish to pursue after graduation. A well-rounded liberal arts program provides many opportunities for students able to benefit from small departments devoted to the development of the individual and to academic excellence.

Faculty

Abeyta, Amaral, Baker, Centofanti, Crowther, Daley, Demski, Doell, Durnam, Eriksen, Gonzales, Guerrero-Murphy, Harper, Haynie, Hilwig, Keitges, Kelso, Kubeck, Lipke, E., Lipke, W., Loosbrock, MacWilliams, Martin, Mazel, McDaniel, Newman, Ogburn, Parks, Provence, Rayas-Ihm, Schilling, Taylor, Young.

Degree Programs

Bachelor of Arts

Art

Required major in the following:

Art Education (K-12 Licensure)

Liberal Arts

Concentrations available in:

Art History

Ceramics

Design

Drawing

Metalsmithing

Painting

Photography

Printmaking

Sculpture

English

Emphasis required in one of the following:

Secondary Teacher Licensure

Communications

Liberal Arts

History/Government

Emphasis required in one of the following:

History

Government

Secondary Licensure (Social Studies)

Music

Emphasis required in one of the following

Music Education K-12 Licensure

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Music Performance
Liberal Arts

Psychology

Sociology

Emphasis required in one of the following:

Criminology
General Sociology
Social Welfare

Spanish

Emphasis required in one of the following:

Liberal Arts
Secondary Teacher Licensure

Speech/Theatre

Emphasis required in one of the following:

Liberal Arts
Secondary English Licensure

Two Year Concentrations

Consult with the Assistant Provost for Academic Affairs

Associate of Arts

With Emphasis in

Multimedia Journalism
Theatre

Department of Art

Bachelor of Arts Degree

Art Major (an emphasis is required in Liberal Arts (Art Studio) or Art Education K-12 Teacher Licensure)

Art Education (K-12) – Elementary and Secondary Teacher Licensure

1. Completion of the general studies requirements for the Bachelor of Arts degree plus the K-12 licensure requirements listed under the Department of Teacher Education.
2. Completion of the following required courses:

Ar 206	Design	3
Ar 207	Design	3
Ar 208	Drawing	3
Ar 220	Painting	3
Ar 240	Fiber	3
OR		
Ar 290	Metalsmithing	3
Ar 250	Sculpture	3
Ar 260	Printmaking	3
OR		
Ar 261	Printmaking	3

Ar 270	Ceramics	3
Ar 280	Photography	3
Ar 306	Design Problems	3
Ar 316	Introduction to Art Education	3
Ar 334	Elementary School Art Education Methods I	3
Ar 335	School Art Education Methods II	3
Ar 364	History of Art	3
Ar 365	History of Art	3
Ar 366	History of Art	3
TOTAL		48

3. Completion of Departmental Assessment Procedures.
4. Complete a 9 hour area of emphasis in one of the following areas: Art History, Ceramics, Drawing, Fiber, Metals, Painting, Design, Photography, Printmaking, Sculpture, (these 9 hours will include classes from the above areas, to add a maximum of 6 hours depending on the chosen emphasis).
5. Students may be excused from basic studio courses on the basis of a portfolio of their work by the department chair.
6. Students enrolling in AR 335 must also enroll in ED 416, ED 426, ED 429, ED 436, ED 436L and be admitted to the Professional Program in Teacher Education.

Liberal Arts Emphasis (Art Studio)

1. Completion of the general studies requirements for the Bachelor of Arts degree.

2. Completion of the following required courses:

Ar 206	Design	3
Ar 207	Design	3
Ar 208	Drawing	3
Ar 306	Design Problems	3
Ar 308	Drawing	3
Ar 364	History of Art	3
Ar 365	History of Art	3
Ar 366	History of Art	3
Ar 498	Professional Seminar	3

3. Completion of six semester hours from the following:

Ar 220	Painting	3
Ar 260	Printmaking	3
OR		
Ar 261	Printmaking	3
Ar 280	Photography	3

4. Completion of six hours from the following:

Ar 240	Fiber	3
Ar 250	Sculpture	3
Ar 270	Ceramics	3
Ar 290	Metalsmithing	3
TOTAL		39

Plus a 12 hour area of emphasis in one of the following areas: Art History, Ceramics, Drawing, Fiber, Metals, Painting, Design, Photography, Printmaking and Sculpture.

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5. Additional hours in the major are to be selected in consultation with their advisor.
6. Completion of departmental assessment procedures.
7. Students may be excused from basic studio courses on the merit of this portfolio (art studio) by the department chair.

Art Minor

A minor is available by taking 18 semester hours in the following core and selected areas:

1. Complete ALL of the following:	
Ar 206	Design 3
Ar 207	Design 3
Ar 208	Drawing 3
2. Select one 2D studio course:	
Ar 220	Painting 3
Ar 260	Printmaking 3
Ar 280	Photography 3
3. Select one 3D studio course:	
Ar 250	Sculpture 3
Ar 270	Ceramics 3
Ar 290	Metalsmithing 3
4. Select one course from the following:	
Ar 306	Design Problems 3
Ar 364	History of Art 3
OR	
Ar 365	History of Art 3
OR	
Ar 366	History of Art 3
TOTAL	. . . . . 18

Department of English, Theatre, Communications, and Foreign Language

Bachelor of Arts Degree

English Major (an emphasis is required in communications, liberal arts, or secondary teacher licensure)

Communications Emphasis

1. Completion of the general studies requirements for the bachelor of arts degree.

2. Completion of these core English courses:

Eng 210	The Study of Literature 3
Eng 226	Basic Grammar and History of English 3

Two 300 or 400 level English Literature courses (Eng XXX and Eng XXX) 6
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3. Completion of the core Communications requirements (15 hours):

Jour 255	The Media and America3
Jour 275	Basic Media Writing	. . . . .	.3
Jour 290 OR Jour 297	Applied Communications	. . . . .	.3
Jour 350	Media Theory and Criticism	. . . . .	.3
Jour 457	Media Law and Ethics	. . . . .	.3
TOTAL		. . . . .	.27

4. Completion of three Communications electives (9 hours)

(two courses must be at the 300 or 400 level):

SpT 242	Voice for Performance	. . . . .	.3
Epls 249	Sports Writing and Statistics	. . . . .	.3
SpT 250	Cinema	. . . . .	.3
Jour 285	Radio Broadcasting	. . . . .	.3
Jour 296	Editing and Desktop Publishing	. . . . .	.3
Jour 327	The World Wide Web	. . . . .	.3
Jour 340	Feature Writing	. . . . .	.3
Jour 346	Digital Still & Video Photography	. . . . .	.3
Jour 360	Media Management	. . . . .	.3
Jour 370	Magazine Editing and Production	. . . . .	.3
Jour 496	Communications Internship	. . . . .	.3
TOTAL IN MAJOR		. . . . .	.36

5. A portfolio of the student’s work must be submitted during the senior year. Guidelines for assembling the portfolio and deadlines for submission are available from the department chair or the major advisor.

6. A minor in an area of specialization is recommended. Students must have at least 45 credit hours in 300 or 400 level courses to graduate. Jour 496 is highly recommended for all communications students.

Communications Minor

Completion of the Communications Emphasis core requirements (15 hours) and one Communications elective (18 hours total).

Liberal Arts Emphasis

1. Completion of the general studies requirements for the Bachelor of Arts degree.

2. The following core courses are required:

Eng 210	Study of Literature	. . . . .	.3
Eng 226	Basic Grammar and History of English	. . . . .	.3
Eng 363	Advanced Composition	. . . . .	.3
Eng 403	Shakespeare	. . . . .	.3
Eng 394	American Literature I	. . . . .	.3
Eng 480	Contemporary Literary Theory3
Eng 495	Senior Seminar3
TOTAL	21

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Choose one of the following:

Eng 309	English Literature I	3
Eng 311	World Literature I	3
Eng 407	Chaucer	3
Eng 409	Renaissance Literature	3

Choose one of the following:

Eng 310	English Literature II	3
Eng 312	World Literature II	3
Eng 450	Romantic and Victorian Literature	3
Eng 350	20th C. Brit & Commonwealth Literature	3

Choose one of the following:

Eng 395	American Literature II	3
Eng 443	Twentieth Century American Novel	3
Eng 458	Modern Poetry	3
TOTAL		36

- All English majors are encouraged to take one year of foreign language or demonstrate proficiency therein by examination.
- A portfolio of the student's work in the major must be submitted during the senior year. Guidelines for assembling the portfolio and deadlines for submission are available from the department chair or the major advisor.

English Minors and Areas of Concentration

English minors (18 or more semester hours) and areas of concentration (12 or more semester hours) are available in consultation with the chair of the Department of English, Theatre and Communications.

NOTE: For the minor, Eng 210, Study of Literature, is required; 6 of the 18 hours need to be at the 300 and/or 400 level.

Secondary Teacher Licensure Emphasis

- Completion of the general studies requirements for the Bachelor of Arts degree, plus the secondary teacher licensure requirements listed under the Department of Teacher Education.
- Completion of the following required courses:

Eng 210	Study of Literature	3
Eng 226	Basic Grammar and History of English	3
Eng 258	Mythology	3
Eng 309	English Literature I	3
Eng 310	English Literature II	3
Eng 314	Adolescent Literature	3
Eng 316	Methods of Teaching English	3
Eng 357	Introduction to Linguistics	3
Eng 365	Ethnic and Minority Literature	3
Eng 394	American Literature I	3
Eng 395	American Literature II	3
Eng 403	Shakespeare	3
SpT 213	Oral Interpretation of Literature	3
TOTAL		39

Choose six hours from the following:

Eng 327	Creative Writing: An Introduction	.3
Eng 363	Advanced Composition	.3
Eng 416	The Teaching of Writing	.3
TOTAL CREDIT HOURS IN MAJOR		.45

- All English majors are encouraged to take one year of foreign language or to demonstrate proficiency therein by examination.
- All English majors are encouraged to take one semester hour of practicum in each of the following: speech, theatre, and journalism.
- A portfolio of the student's work in the major must be submitted during the senior year. Guidelines for assembling the portfolio and deadlines for submission are available from the department head or the major advisor.

Elementary Literacy Emphasis:

- Completion of the general studies requirements for the Bachelor of Arts degree, plus the elementary teacher licensure requirements listed under the department of Teacher Education.
- Completion of the following required courses:

Eng 210	Study of Literature	.3
Eng 226	Basic Grammar & History of English	.3
One Literature course, 300-Level or Above		.3
One Writing course, 300-Level or Above		.3
One Elective English Course, 300-Level or Above		.3
TOTAL CREDIT HOURS IN EMPHASIS		.15

Speech Communication and Theatre Arts Major

PLEASE NOTE: All theatre majors and minors who wish to act, direct, or complete their senior thesis must maintain a minimum cumulative grade point average of 2.5 and a previous semester grade point average of 2.0.

Liberal Arts Emphasis

- Completion of the general studies requirements for the Bachelor of Arts degree.
- Completion of the following required courses:

SpT 100	Speech Fundamentals	.3
SpT 223	Acting	.3
SpT 242	Voice for Performance	.3
SpT 285	Stage and Theatre Management	.3
SpT 480	Dramatic Theory and Criticism	.3
SpT 490	Senior Thesis	.3

- Completion of Six semester hours from each of the following groups:

Group 1		
SpT 210	Stage Makeup	.3
SpT 213	Oral Interpretation	.3
SpT 288	Intermediate Acting I	.3
SpT 310	Intermediate Acting II	.3
SpT 325	Styles of Acting	.3

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Group 2

SpT 333	Theatre Design	3
SpT 335	Theatre Practicum	1-3
SpT 340	Costume Design	3
SpT 351	Stagecraft	3

Group 3

SpT 250	Cinema	3
Eng/SpT 255	Women and Drama	3
SpT 330	Directing Forensics and Debate	3
SpT 375	Creative Dramatics	3
SpT 385	Play Direction	3

4. Completion of nine semester hours from the following:

SpT 401	Theatre History: Beginning through 17th Century	3
SpT 402	Theatre History: 18th Century through Present Day	3
Eng/SpT 403	Shakespeare	3
Eng/SpT 465	Modern Drama	3
Eng/SpT 470	Classical Drama	3
Eng/SpT 472	Contemporary Drama	3
TOTAL CREDIT HOURS IN MAJOR		45

Emphasis in Secondary English Licensure

1. Completion of the general studies requirements for the Bachelor of Arts degree plus the secondary teacher I licensure requirements listed under the Department of Teacher Education.

2. Completion of the following courses:

SpT 100	Speech Fundamentals	3
SpT 223	Acting	3
SpT 288	Intermediate Acting I	3
SpT 330	Directing Forensics & Debate	3
SpT 351	Stagecraft	3
SpT 375	Creative Dramatics	3
SpT 385	Play Direction	3
SpT 490	Senior Thesis	3
SpT 333	Theatre Design	3
OR		
SpT 340	Costume Design	3
Eng 210	Study of Literature	3
Eng 226	Basic Grammar and History of English	3
Eng 309	English Literature I	3
OR		
Eng 310	English Literature II	3
Eng 316	Methods of Teaching English	3
Eng 394	American Literature I	3
OR		
Eng 395	American Literature II	3

Eng/SpT 403	Shakespeare	3
Eng 327	Creative Writing: An Introduction	3
OR		
Eng 363	Advanced Composition	3
OR		
Eng 416	Teaching of Writing	3
TOTAL CREDIT HOURS IN MAJOR		48

3. Completion of Portfolio Requirements as specified by department

Speech/Theatre Minor

The minor in speech communication and theatre arts is offered for those who wish to be more effective in communicating the knowledge and the use of the knowledge of their selected subject/study program. The minor is highly relevant and practical in combination with other majors and minors such as business, government, sociology, English, guidance and counseling, music, journalism, education, speech correction, health, physical education and recreation, and all pre-professional studies. Courses are to be selected in consultation with the program chair.

Women's Studies Minor

The minor in Women's Studies is an interdisciplinary program designed to examine the position of women in culture and society, to integrate a new understanding of women into traditional academic fields, and to heighten the student's awareness of the range of human experience, potential, and accomplishment. Other related courses in consultation with the Women's Studies advisor (chair of the Department of ETC) may be substituted.

Requirements: Students must take 18 semester hours, approved by the advisor and the department head, from the following list of courses:

Ar 367	Women in Art History	3
Eng 385	Women and Literature	3
Govt 393	Women, Politics, and Culture	3
Psyc 360	Psychology of Gender	3
SpT 255	Women and Drama	3
Soc 318	"Race," Class and Gender	3
Soc 419	Gender Roles in Society	3
*WS 201	Introduction to Women's Studies	3

*Required of all minors, who are advised to take the course early in their studies.

Foreign Language

Bachelor of Arts Degree

Spanish – Liberal Arts Major – (40 hours)

Placement System:

A final grade of A or B in SPAN 104 or SPAN 203 will allow students to receive the same grade in the previous classes. An exam is available for SPAN 204, or students could obtain credits for this class by receiving a grade of A or B in SPAN 301.

1. Completion of the general studies requirements for the Bachelor of Arts degree.

2. Completion of any 13 courses from the following list with a grade of "C" or better.

Span 103	Elementary Spanish I	4
Span 104	Elementary Spanish II	4
Span 201	Spanish Pronunciation and Conversation	2
Span 203	Intermediate Spanish I	3
Span 204	Reading & Conversation	3
Span 301	Advanced Grammar & Composition I	3
Span 310	Southwest Spanish and Standard Spanish	3
Span 313	Conversation and Composition I	3
Span 315	Spanish for Business	3
Span 316	Spanish for Health Professions	3
Span 317	Spanish for Translation	3
Span 325	Civilization and Culture of Spain	3
Span 326	Civilization and Culture of Latin America	3
*Span 330	Hispanic Folklore of the Southwest	3
Span 340	Topics in Spanish Literature	3
Span 341	Topics in Latin American Literature	3
Span 395	Spanish Phonetics	3
Span 396	Methods for Teaching Foreign Languages	3
Span 400	Spanish Masterpieces	3
Span 401	Latin American Masterpieces	3
Span 411	Contemporary Spanish Literature	3
Span 412	Contemporary Latin American Literature	3
Span 413	La Literatura Indigenista	3
Span 414	Spanish American Thought	3
Span 415	Cervantes/El Quijote: Novelas Ejemplares	3
Span 416	Novela de la Revolucion Mexicana	3
Span 419	Golden Age Drama	3
Span 423	Modern Spanish Short Story	3

NOTE: Span 330 may be substituted for Span 325 or 326; it may not be substituted for a literature course.

3. Completion of the (SCE) Senior Comprehensive Examination.

4. Completion of the (OPI) Oral Proficiency Interview in Spanish.

NOTE: The SCE and OPI are instruments used by the ASC Foreign Language Faculty to assess the effectiveness of their program in four areas: 1) Oral performance in speaking, understanding, description, and oral narration; 2) Writing (Grammar); 3) Hispanic culture and literature appreciation; 4) Teaching methodology.

Spanish – Secondary Teacher Licensure – (40 hours)

1. Completion of the general studies requirements for the Bachelor of Arts degree plus the secondary teacher licensure requirements listed under the Department of Teacher Education.

2. Completion of any 9 courses from the following list with a grade of "C" or better.

Span 103	Elementary Spanish I	4
Span 104	Elementary Spanish II	4
Span 201	Spanish Pronunciation and Conversation	2
Span 203	Intermediate Spanish I	3
Span 204	Reading & Conversation	3
Span 301	Advanced Grammar & Composition I	3
Span 310	Southwest Spanish and Standard Spanish	3
Span 313	Conversation and Composition I	3
Span 315	Spanish for Business	3
Span 316	Spanish for Health Professions	3
Span 317	Spanish for Translation	3
Span 340	Topics in Spanish Literature	3
Span 341	Topics in Latin American Literature	3
Span 400	Spanish Masterpieces	3
Span 401	Latin American Masterpieces	3
Span 411	Contemporary Spanish Literature	3
Span 412	Contemporary Latin American Literature	3
Span 413	La Literature Indigenista	3
Span 414	Spanish American Thought	3
Span 415	Cervantes/El Quijote: Novelas Ejemplares	3
Span 416	Novela de la Revolucion Mexicana	3
Span 419	Golden Age Drama	3
Span 423	Modern Spanish Short Story	3

3. Students seeking to teach Spanish must complete the following required courses with a grade of "C" or better:

Span 325	Civilization and Culture of Spain	3
Span 326	Civilization and Culture of Latin America	3
Span 395	Spanish Phonetics	3
Span 396	Methods for Teaching Foreign Languages	3

NOTE: Span 330 Hispanic Folklore of Southwest may be substituted for (1) of the culture course requirements. May not be used to substitute for a 400-level literature course.

4. Completion of the (SCE) Senior Comprehensive Examination.

5. Completion of the (OPI) Oral Proficiency Interview in Spanish.

NOTE: The SCE and OPI are instruments used by the ASC Foreign Language Faculty to assess the teaching and achievement objectives of their program in four areas: 1) Oral Performance in Speaking,

Understanding, Description, and Oral Narration; 2) Writing (Grammar); 3) Hispanic Culture and Literature Appreciation (Content); 4) Teaching Methodology Principles.

OR

A minor (7 courses) is available in consultation with any Spanish faculty member.

Department of History/ Government/Philosophy

The Department of History, Government, and Philosophy offers a major with areas of emphasis in the following areas: History, Government, and Secondary Licensure (Social Studies). It offers minors in History, Government, and Philosophy, and oversees the PreLaw Program. In order to serve you better, the department is constantly updating its programs. Consult the department website <http://artsandletters.adams.edu/hgp/> for correct versions of its programs.

Bachelor of Arts Degree

History Government

1. Completion of the general studies requirements for the Bachelor of Arts degree.

2. Completion of the following core courses:

Govt 291	American Government	.3
Hist 202	U. S. to 1865	.3
Hist 203	U. S. since 1865	.3
HGP 471	Senior Seminar	.3
TOTAL		.12

3. Completion of the requirements for one of the following emphasis:

Emphasis in Government

A. Completion of at least two courses from each of the following fields:

Political Theory

Govt 436	American Thought	.3
Govt 466	Ancient Political Theory	.3
Govt 467	Modern Political Theory	.3
Govt 3/479	Topics in Political Theory	.3

American Government

Govt 206	Contemporary American Politics	.3
Govt 429	Constitutional Law I	.3
Govt 430	Constitutional Law II	.3
Govt 450	Legislative Process	.3
Govt 460	Prelaw Seminar	.3
Govt 3/479	Topics in American Government	.3

Comparative Government

Govt 307	Intro to World Governments	.3
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Govt 308	The Pacific Rim and the Twenty-First Century World	3
Govt 325	Political Movements of Latin Americans	3
Govt 3/479	Topics in Comparative Government	3

International Relations

Govt 300	Introduction to World Politics	3
Govt 301	Changing Dynamics in International Relations	3
Govt 468	U.S. – Latin American Relations	3
Govt 3/479	Topics in International Relations	3

Emphasis in History

A. Completion of at least four courses from each of the following two fields.

Europe and Latin America

Hist 328	Chicano History	3
Hist 330	Middle Ages	3
Hist 331	Renaissance and Reformation	3
Hist 334	French Revolution and Napoleon	3
Hist 342	England	3
Hist 346	Imperial Spain	3
Hist 355	Latin America to 1830	3
Hist 356	Latin America since 1830	3
Hist 357	Mexico	3
Hist 432	19th Century Europe	3
Hist 433	Modern Europe	3
Hist 434	Twentieth Century Europe	3
Govt 468	U.S. – Latin American Relations	3

United States

Hist 301	Colorado History	3
Hist 305	American West	3
Hist 314	Colonial America	3
Hist 316	American Revolution and Federalist Era	3
Hist 318	Foundations of American Diplomacy	3
Hist 322	Gilded Age	3
Hist 363	Civil War and Reconstruction	3
Hist 426	United States in the 20th Century to 1945	3
Hist 427	United States in the 20th Century since 1945	3
Hist 436	American Thought	3
Govt 429	Constitutional Law I	3
Govt 430	Constitutional Law II	3

Emphasis in Social Studies – Secondary Teacher Licensure

A. Successful Completion of the following courses: (6 hours)

Econ 255	Economics	3
Geog 300	Geography	3

B. Successful completion of a Social Science Elective (3 hours: select one)

Anth 201	Introduction to Anthropology	3
Soc 318	"Race", Class & Gender	3

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C. Successful completion of a Comparative Government Elective (3 hours: select one)

Govt 307	Introduction to World Governments . . . . .	.3
Govt 308	Pacific Rim and the 21st Century World . . . . .	.3

D. Successful completion of five Social Studies Depth and Content Courses (15 hours from the following block: select five)

Econ 256	Economics . . . . .	.3
Psyc 315	Multicultural Issues in a Pluralistic Soc. . . . .	.3
Hist 328	Chicano History . . . . .	.3
Hist 357	Mexico . . . . .	.3
Hist 316	American Revolution and Federalist Era . . . . .	.3
Hist 363	Civil War and Reconstruction . . . . .	.3
Hist 427	U. S. Since 1945 . . . . .	.3
Hist 433	Modern Europe . . . . .	.3

E. Successful Completion of the Required Field Based Methods Course (3 hours)

Hgp 316	Methods of Teaching Social Studies3
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F. All students seeking Social Studies licensure are encouraged to seek competency in a foreign language.

G. Completion of Senior Assessment procedures.

History, Government, and Philosophy Minors

Minors and areas of concentration are available through consultation with the department chair. The minor consists of 18 credit hours, including some core courses.

Pre-Law Program

The prelaw program at Adams State College is not a major, but a series of liberal arts courses recommended by the prelaw advisor based upon the individual needs of the students and the challenging requirements for gaining admission into law school. Students major in a variety of disciplines but irrespective of discipline should possess certain core competencies. At this time, Adams State is upgrading its recommended prelaw program according to the recommendations of the Pre-Law Committee of the ABA Section of Legal Education and Admissions to the Bar. It suggests that students take courses that will inculcate the following:

- A broad understanding of history, particularly American history, and the various factors (social, political, economic, and cultural) that have influenced the development of the pluralistic society that presently exists in the United States;
- A fundamental understanding of political thought and theory, and of the contemporary American political system;
- A basic understanding of ethical theory and theories of justice;
- A grounding in economics, particularly elementary micro-economic theory, and an understanding of the interaction between economic theory and public policy;
- Some basic mathematical and financial skills, such as an understanding of basic pre-calculus mathematics and an ability to analyze financial data;
- A basic understanding of human behavior and social interaction; and
- An understanding of diverse cultures within and beyond the United States, of international institutions and issues, and of the increasing interdependence of the nations and communities within our world.

For more information about this program, including our track record of placing students in law schools across the country, contact Edward R. Crowther, Ph. D., PreLaw Advisor, Adams State College, Alamosa, Co. 81102. 719-587-7466. ercrowth@adams.edu

Assessment

All students with majors in the Department of History, Government, and Philosophy are required to complete the Senior Assessment Procedures. The results of these procedures are used to evaluate and improve the effectiveness of the programs within the unique role and mission of Adams State College.

Department of Music

Bachelor of Arts Degree

Music

The Department of Music offers a Bachelor of Arts degree in music with emphasis in liberal arts, music performance, or music education. Students in any area of emphasis should have the preparation and background necessary to succeed in their chosen fields.

Placement Examinations

Transfer and new students in music must take placement examinations as appropriate in applied music, music theory, and music history. Acceptance of transfer credit toward graduation requirements in each area is contingent upon the results of examinations.

Additional Requirements for Music Majors

Departmental policies and regulations affecting music majors and minors are published annually in the Department of Music Handbook for Music Students. Included are requirements for recital attendance and ensemble participation, as well as departmental assessment procedures (piano proficiency, recital participation, applied music levels, the Upper-Division Applied Music Examination, and the portfolio assessment). A copy of the Department of Music Handbook for Music Students is available from the Department Office for each music major and minor. Please see the "Incidental Fees" section of this catalog for information on applied music fees.

Emphasis in Liberal Arts

1. Completion of the general studies requirements for the Bachelor of Arts degree.

2. Completion of the following required courses in Music:

Mus 000	Recital Attendance (7 semesters) . . . . .	.0
Mus 103	Intro to Music Technology . . . . .	.1
Mus 104	Music Theory I . . . . .	.3
Mus 108	Aural Skills I . . . . .	.1
Mus 140	Applied Music . . . . .	.2
Mus 141	Applied Music . . . . .	.2
Mus 204	Music Theory II . . . . .	.3
Mus 208	Aural Skills II . . . . .	.1
Mus 240	Applied Music2
Mus 241	Applied Music2
Mus 245	Band	
OR		
Mus 247	Concert Choir	

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(7 semesters of one ensemble

or approved upper division ensemble)	7
Mus 304 Advanced Music Theory and Counterpoint	3
Mus 308 Advanced Aural Skills	1
Mus 320 Advanced Piano Class	1
Mus 326 Music History I	3
Mus 327 Music History II	3
Mus 333 Form and Analysis	2
Mus 340 Applied Music	2
Mus 360 Conducting Techniques	2
Mus XXX Upper Division Music Electives	3

3. Completion of upper division jury exam and completion of piano proficiency exam.
4. Completion of a minor of at least 18 semester hours outside the Department of Music
5. Completion of Department Senior Assessment Procedures.

Emphasis in Music Education

1. Completion of the general studies requirements for the Bachelor of Arts degree plus the k-12 teacher licensure requirements listed under the Department of Teacher Education.

2. Completion of the following required courses in Music:

Mus 000 Recital Attendance (7 semesters)	0
Mus 103 Introduction to Music Technology	1
Mus 104 Music Theory I	3
Mus 108 Aural Skills I	1
Mus 140 Applied Music	2
Mus 141 Applied Music	2
Mus 204 Music Theory II	3
Mus 208 Aural Skills II	1
Mus 240 Applied Music	2
Mus 241 Applied Music	2
Mus 304 Advanced Music Theory & Counterpoint	3
Mus 308 Advanced Aural Skills	1
Mus 320 Advanced Piano Class	1
Mus 326 Music History I	3
Mus 327 Music History II	3
Mus 333 Form & Analysis	2
Mus 340 Applied Music	2
Mus 341 Applied Music	2
Mus 345 Junior Recital	1
Mus 360 Conducting Techniques	2
Mus 322 Percussion Methods	1
Mus 323 Brass Methods	1
Mus 324 Woodwind Methods	1
Mus 325 String Methods	1
Mus 421 Elementary Music Methods	3
Mus 422 Secondary Music Methods	3

3. Completion of ONE of the following areas of specialization:

Choral

Mus 247	Concert Choir	7
	(or approved Upper Division ensemble)	7
Mus 423	Choral Literature & Methods	3
Mus 460	Advanced Choral Conducting	2
Mus 226	Languages for Singing	3

Instrumental

Mus 245	Band (or approved Upper Division ensemble)	7
Mus 321	Voice Methods	1
Mus 424	Instrumental Literature and Methods	3
Mus 461	Advanced Instrumental Conducting	2
Mus 486	Marching Band Techniques	2

4. Completion of upper-division jury exam and completion of piano proficiency exam prior to student teaching.

5. Completion of Department Senior Assessment Procedures.

Emphasis in Music Performance

1. Completion of the general studies requirements for the Bachelor of Arts degree.

2. Completion of the following required courses in Music:

Mus 000	Recital Attendance (7 semesters)	0
Mus 103	Introduction to Music Technology	1
Mus 104	Music Theory I	3
Mus 108	Aural Skills I	1
Mus 140	Applied Music	2
Mus 141	Applied Music	2
Mus 204	Music Theory II	3
Mus 208	Aural Skills II	1
Mus 240	Applied Music	2
Mus 241	Applied Music	2
Mus 245	Band	

OR

Mus 247	Concert Choir	
	(7 semesters of one ensemble	
	or approved upper division ensemble in Band or Choir)	7
Mus 304	Advanced Music Theory & Counterpoint	3
Mus 308	Advanced Aural Skills	1
Mus 320	Advanced Piano Class	1
Mus 326	Music History I	3
Mus 327	Music History II	3
Mus 333	Form and Analysis	2
Mus 340	Applied Music	2
Mus 341	Applied Music	2
Mus 345	Junior Recital	1
Mus 360	Conducting Techniques	2
Mus 440	Applied Music	2
Mus 441	Applied Music	2
Mus 445	Senior Recital	2

3. Completion of ONE of the following areas of concentration:

Piano

Mus 428	Piano Literature & Pedagogy	3
Mus 364	Accompanying Practicum I	2
Mus 365	Accompanying Practicum II	2
Mus 449	Chamber Music (2 semesters)	2
Mus XXX	Upper Division Music Electives	3

Voice

Mus 429	Voice Literature & Pedagogy	3
Mus 425	Opera Literature	3
OR		
Mus 426	Song Literature	3
Mus 252	Music Theatre Workshop	1
Mus 226	Languages for Singing	3
Mus XXX	Upper Division Music Electives	2

Instrumental

Mus 427	Instrumental Literature & Pedagogy	3
Mus 449	Chamber Music (4 semesters)	4
Mus XXX	Upper Division Music Electives	5

4. Completion of upper division jury exam and completion of piano proficiency exam.

5. Completion of Department Senior Assessment Procedures.

Minor in Music

A minor in music is available under any bachelor's degree program at the College through the Department of Music.

The requirements are as follows:

Mus 000	Recital Attendance (2 semesters)	0
Mus 100	Introduction to Music Literature	3
Mus 103	Introduction to Music Technology	1
Mus 104	Music Theory I	3
Mus 108	Aural Skills I	1
Mus 204	Music Theory II	3
Mus 208	Aural Skills II	1
Mus 140	Applied Music	2
Mus 141	Applied Music (in one area)	2
Mus 245	Band	
OR		
Mus 247	Concert Choir	
(2 semesters of the same ensemble in Band or Choir)		2

Department of Psychology

Bachelor of Arts Degree

Psychology

The Bachelor of Arts degree with a major in Psychology functions as a pre-professional program for graduate study and as a vocational degree in mental health, personnel work, education, business, and other occupations which require a person to understand and interact with human behavior. A minor in Psychology is also available.

1. Completion of the general studies requirements for the Bachelor of Arts degree.
2. Completion of the following required courses (at least 12 hours of which must be completed at Adams State College):

Psyc 204	Child Development	3
Psyc 205	Adolescent and Adult Development	3
Psyc 211	Introduction to Statistics	4
Psyc 245	Brain & Behavior	3
Psyc 330	Professional Seminar	1
Psyc 355	Experimental Psychology w/lab	4
Psyc 414	Cognitive Psychology	3
Psyc 430	Abnormal Psychology	3
Psyc 465	Theories of Personality	3
SUB-TOTAL		.27

Six hours of electives from the following:

Psyc 410	Social Psychology	3
Psyc 416	Behavioral Neuroscience	3
Psyc 456	Theories of Learning	3
Psyc 458	Sensation & Perception	3
Psyc 468	History & Systems	3

and six hours of 3 credit 3-400 level Psychology electives

Total PSYCHOLOGY MAJOR39
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3. All Psychology majors must complete the following major assessment plan prior to graduation:
 - a. Complete a major field examination.
 - b. Submit all major papers (300 and 400 level) to professors in duplicate. (This will allow the department to accumulate a portfolio of the student.)
 - c. Participate in an exit interview with a committee of Psychology faculty (arranged with advisor).

Psychology Minor:

Psyc 204	Child Development	3
Psyc 205	Adolescent and Adult Development	3
Psyc 211	Introduction to Statistics	4
Psyc 245	Brain & Behavior	3

and nine hours of 3 credit 3-400 level Psychology electives

Total Psychology minor22
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The minor is available with courses to be selected in consultation with an advisor from the Department of Psychology. A minimum of 22 hours is required, of which nine hours must be completed at Adams State College.

Department of Sociology

The Department of Sociology blends the academic with the practical. Students are instructed in the major sociological theories underlying social life and society and are provided opportunities to apply this knowledge hands-on in the community. The Sociology Department is committed to preparing students for careers in human services and criminal justice, as well as for admission to graduate programs in Sociology, Social Work, and Criminology. Sociology majors complete 43 credit hours of sociology courses and select at least one emphasis area either in Criminology, Social Welfare, or General Sociology. In addition, students complete one or more semester-long internships in a community agency specializing either in human services or criminal justice. The internships are designed to provide marketable skills and experiences that enhance employment and graduate school possibilities. Sociology graduates are employed in a variety of work settings; a sampling of job titles include Colorado State Trooper, Child Protective Services Caseworker, Family Preservation Specialist, Probation Officer, Local Law Enforcement Officer, Corrections Counselor, Social Services Coordinator for the Elderly, Administrative Liaison for Children and Families, Forensic Social Worker, Community Corrections Officer, Caseworker for Troubled Youth, and Victim's Advocate.

Bachelor of Arts Degree

Sociology

1. Students must complete the General Studies requirements for the Bachelor of Arts degree.
2. Completion of Sociology Soc 201, The Sociological Imagination is a prerequisite for all other sociology courses.
3. All sociology majors must take the following 34 hours of core courses:

Soc 201	The Sociological Imagination	3
Psyc 211	Introduction to Statistics	4
Soc 220	Marriages and Families	3
Soc 245	Crime and Delinquency	3
Soc 251	Social Problems and Social Welfare Strategies	3
Soc 318	"Race," Class, and Gender	3
Soc 395	Pre-Professional Seminar in Sociology	2
Soc 401	Social Psychology	3
Soc 444	Deviance and Control	3
Soc 445	Sociological Theory	3
Soc 455	Sociological Research Methods	4

4. Students choose one of the following options to complete the final 9 hours required for the 43-hour sociology major:

Criminology Emphasis

Soc 346	Criminal Justice	3
Soc 447	Correctional Systems	3
Soc 494	Internship in Criminology	3

Social Welfare Emphasis

Soc 352	Human Behavior and the Social Environment	3
Soc 470	Social Welfare Policy	3
Soc 493	Internship in Social Welfare	3

General Sociology Emphasis

Soc 315	Sociology of Education	3
Soc 419	Gender and Society	3
Soc 490	Internship in Sociology	3

5. All Sociology majors must meet the requirements of the Local Writing Assessment in Sociology during the semester in which they complete 60 credit hours.
6. All Sociology majors must complete the following Sociology Assessment plan:
 - a. Sociology Student Outcomes Examination
 - b. Student Portfolio including:
 - Major Research Projects
 - Field Experience Materials

Sociology Minor

Minors (18 hours) and areas of concentration (12 hours) are available through consultation with any Sociology faculty member.

School of Business

The mission of the School of Business is to deliver a contemporary, integrated undergraduate business curriculum emphasizing teaching excellence in a student-centered environment.

The School of Business offers several degree programs: Bachelor of Science degree in business administration with emphases in accounting, economics, finance, general business, management, management information systems, marketing, and small business; Bachelor of Arts degree in business administration with emphases in advertising, business education, general business, and pre-international business. Minors are offered in consultation with the Department Chair in all the above emphases except economics, small business, pre-international business, business education, and advertising. The requirement for the business minor is 18 hours.

The School of Business has two national professional business fraternities: Phi Beta Lambda and Alpha Kappa Psi. Other student clubs include: Pacioli Club (in Accounting) and an ASC Toastmaster’s Chapter. The School sponsors an annual Distinguished Executive Program and Small Business Development Center. The accounting program is recognized by the Colorado State Board of Accountancy.

The student will acquire competency to apply sound business practices and to understand the evolving business and economic environment under which business decisions must be made. Graduates are prepared for a variety of jobs in accounting, finance, management, marketing, research in both the public and private sectors, small business, and teaching.

Faculty

Campbell, A. Coolbaugh, C. Coolbaugh, Corning, Ellis, Gorjidoz, Jacobs, Lyell, Newell, Reid, Weston.

Degree Programs

Bachelor of Science

- Business Administration (Emphases in:)
- Accounting
 - Economics
 - Finance

80 Programs of Study and Degree Requirements

General Business
Management
Management Information Systems
Marketing
Small Business

Bachelor of Arts

Business Administration (Emphases in:)
Advertising
Business Education
General Business
Pre-International Business

Two Year Concentrations

Consult with the Assistant Provost for Academic Affairs.

Associate of Arts

With Emphasis in General Business

Associate of Science

With Emphasis in General Business

Bachelor of Science Degree

Business Administration

1. Completion of the general studies requirements for the Bachelor of Science degree.

2. Completion of the following required courses:

Bus 103	Introduction to Business	3
Bus 120	Business Computer Applications I	3
Bus 207	Introduction to Accounting I	3
Bus 208	Introduction to Accounting II	3
Bus 211	Business Law	3
Bus 304	Principles of Marketing	3
Bus 318	Business Statistics	3
Bus 361	Principles of Management	3
Bus 363	Managerial Finance	3
Bus 430	Production & Operations Management	3
Bus 480	Business Policy	3
Econ 255	Principles of Economics I	3
Econ 256	Principles of Economics II	3

3. In addition to the above courses, required of all students in the B.S. program, each student will be required to complete an emphasis by taking one of the following sequences of courses:

A. Accounting Emphasis

Bus 305	Intermediate Accounting I	4
Bus 306	Intermediate Accounting II	4
Bus 307	Managerial Cost Accounting I	3
Bus 355	Fundamentals of Income Taxation	4
Bus 360	Governmental & Institutional Accounting	3
Bus 405	Advanced Accounting	4
Bus 407	Auditing I	3

Seven semester hours from the following:

Bus 308	Managerial Cost Accounting II	.3
Bus 408	Auditing II	.3
Bus 455	Advanced Income Taxation	.4
Bus 471	Intermediate Accounting III	.4

B. Economics Emphasis

Bus 373	Investment Analysis	.3
Bus 466	Business Ethics	.3
Econ 425	Economic Policy	.3
Econ 433	Managerial Economics	.3

Plus 18 semester hours from the following:

Bus 305	Intermediate Accounting I	.4
Bus 306	Intermediate Accounting II	.4
Bus 307	Managerial Cost Accounting I	.3
Bus 308	Managerial Cost Accounting II	.3
Bus 320	Business Computer Applications II	.3
Bus 355	Fundamentals of Income Taxation	.4
Bus 386	Real Estate Principles	.4
Bus 414	Commercial Banking	.3
Bus 416	Business Financial Problems	.3

C. Finance Emphasis

Bus 373	Investment Analysis	.3
Bus 383	International Financial Management	.3
Bus 414	Commercial Banking	.3
Bus 416	Business Financial Problems	.3

Plus 12 semester hours from the following:

Bus 305	Intermediate Accounting I	.4
Bus 306	Intermediate Accounting II	.4
Bus 307	Managerial Cost Accounting I	.3
Bus 308	Managerial Cost Accounting II	.3
Bus 355	Fundamentals of Income Taxation	.4
Bus 386	Real Estate Principles	.4
Bus 455	Advanced Income Taxation	.4

Six semester hours from the following:

Bus 320	Business Computer Applications II	.3
Econ 425	Economic Policy	.3
Econ 433	Managerial Economics	.3

D. General Business Emphasis

Bus 466	Business Ethics	.3
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Plus 27 semester hours from 300-400 level business or economics courses. At least one course beyond the introductory level must be taken in accounting, economics, finance, management, management information systems, and marketing.

82 Programs of Study and Degree Requirements

E. Management Emphasis

Bus 320	Business Computer Applications II	. . . . .	3
Bus 362	Human Resource Management	. . . . .	3
Bus 365	Small Business Management	. . . . .	3
Bus 401	Organizational Behavior	. . . . .	3
Bus 418	Advanced Management Seminar	. . . . .	3
Bus 419	Current Topics in Management	. . . . .	3
Bus 466	Business Ethics	. . . . .	3

Three semester hours from the following:

Econ 425	Economic Policy	. . . . .	3
Econ 433	Managerial Economics	. . . . .	3

Plus six semester hours of 300-400 level business or economics courses approved by the student's advisor.

F. Management Information Systems Emphasis

Bus 320	Business Computer Applications II	. . . . .	3
Bus 324	Data Communications and Networking	. . . . .	3
Bus 330	Business Programming with Visual Basic	. . . . .	3
Bus 340	Web Design & Development	. . . . .	3
Bus 350	Business Relational Databases	. . . . .	3
Bus 425	Systems Analysis and Design	. . . . .	3
Bus 465	Using Unix/Linux in Business	. . . . .	3

Choose three classes from below: *

Bus 305	Intermediate Accounting I	. . . . .	4
Bus 306	Intermediate Accounting I	. . . . .	4
Bus 307	Managerial Cost Accounting II	. . . . .	3
Bus 308	Managerial Cost Accounting II	. . . . .	3
Bus 370	Managing and Maintaining PCs	. . . . .	3
Bus 416	Business Financial Problems	. . . . .	3
Econ 433	Managerial Economics	. . . . .	3

***ONE** of the three classes could be CSci 208 – Computer Science I

G. Marketing Emphasis

Bus 315	Sales and Sales Management	. . . . .	3
Bus 335	Consumer Behavior	. . . . .	3
Bus 345	Advertising	. . . . .	3
Bus 356	Retailing	. . . . .	3
Bus 441	International Marketing	. . . . .	3
Bus 448	Direct Marketing	. . . . .	3
Bus 450	Services Marketing	. . . . .	3
Bus 454	Marketing Research and Information	. . . . .	3
Bus 460	Marketing Management	. . . . .	3

Plus three semester hours from 300-400 level business or economics courses approved by the student's advisor.

H. Small Business Emphasis

Bus 315	Sales and Sales Management	. . . . .	3
Bus 345	Advertising	. . . . .	3

Bus 355	Fundamentals of Income Taxation	4
Bus 362	Human Resource Management	3
Bus 365	Small Business Management	3
Bus 491	Business Consulting	3
Plus 11 semester hours of 300-400 level business courses approved by the student's advisor.		

Bachelor of Arts Degree - Business Administration

1. Completion of the general studies requirements for the Bachelor of Arts degree.
2. Completion of one of the following emphases:

Advertising Emphasis

Complete the following required courses:

Ar 206	Design/2D	3
Ar 207	Design/3D	3
Ar 208	Drawing	3
Ar 302	Graphic Communications	3
Ar 307	Graphic Design	3
Bus 207	Introduction to Accounting I	3
Bus 304	Principles of Marketing	3
Bus 318	Business Statistics	3
Bus 335	Consumer Behavior	3
Bus 345	Advertising	3
Bus 361	Principles of Management	3
Bus 448	Direct Marketing	3
Bus 454	Market Research and Information	3
Bus 460	Marketing Management	3
Bus 466	Business Ethics	3
Econ 255	Principles of Economics I	3
Psyc 312	Introduction to Counseling	3

Plus:

- Nine semester hours from Speech and/or Journalism.
- Nine semester hours from Art (Drawing, Photography, Professional Seminar, Printmaking).
- Six semester hours from Business.

Business Teacher Education Emphasis

Completion of the following courses plus the secondary teaching certification/licensure requirements listed under the Department of Teacher Education.

Bus 103	Introduction to Business	3
Bus 120	Business Computer Applications I	3
Bus 207	Introduction to Accounting I	3
Bis 208	Introduction to Accounting II	3
Bus 211	Business Law	3
Bus 265	Business Communication	3
Bus 304	Principles of Marketing	3
Bus 313	Methods of Teaching Business Education	3
Bus 320	Business Computer Applications II	3
Bus 323	Computerized Accounting	1
Bus 361	Principles of Management	3
Bus 363	Managerial Finance	3
Bus 480	Business Policy	3
Econ 255	Principles of Economics I	3

84 Programs of Study and Degree Requirements

Plus completion of one of the following areas of specialization:

Accounting

Bus 305	Intermediate Accounting I	4
OR		
Bus 307	Managerial Cost Accounting I	3
OR		
Bus 355	Fundamentals of Income Taxation	4

Management Information Systems

12 Semester hours from the following:

Bus 324	Data Communications and Networking	3
Bus 330	Business Programming with Visual Basic	3
Bus 340	Web Design & Development	3
Bus 350	Business Relational Databases	3
Bus 425	Systems Analysis and Design	3
Bus 465	Using Unix/Linux in Business	3

General Business Emphasis

Bus 120	Business Computer Applications I	3
Bus 207	Introduction to Accounting I	3
Bis 208	Introduction to Accounting II	3
Bus 211	Business Law	3
Bus 265	Business Communication	3
Bus 304	Principles of Marketing	3
Bus 318	Business Statistics	3
Bus 361	Principles of Management	3
Bus 363	Managerial Finance	3
Bus 430	Production & Operations Management	3
Bus 480	Business Policy	3
Econ 255	Principles of Economics II	3
Econ 256	Principles of Economics II	3

Pre-International Business Emphasis

This emphasis prepares a student for graduate study in the field of international business. A student seeking this emphasis completes all courses for the Bachelor of Arts degree in business administration-general business emphasis [except for Bus 318 Business Statistics and Bus 430 Production & Operations Management], plus the following:

Foreign Language (chosen in consultation with the Department Chair)

		12-18
Govt 300	Introduction to World Politics	3
Govt 301	Changing Dynamics in International Relations	3
Govt 307	Introduction to World Governments	3
Govt 308	Pacific Rim and the 21st Century World	3
Govt 468	U.S.-Latin American Relations	3

Elective Courses. The student shall select and successfully complete at least 3 of the following courses:

Govt 399	Internship in International Business	3
Govt 479	Topics in Comparative Government	3
Govt 479	Topics in International Relations	3
Hist 356	Latin America Since 1830	3
Hist 357	Mexico	3
Hist 427	U.S. in the 20th Century Since 1945	3

Education and Graduate Studies

A primary mission of Adams State College is the preparation of teachers. The area of Education and Graduate Studies prepares students for post-baccalaureate opportunities, as well as, for immediate entry into the work force. Undergraduate programs are designed to develop value, knowledge, attitudes, and skills that will lead to effective professional services.

Education and Graduate Studies provides opportunities for professional study in elementary education, exercise physiology and leisure science, K-12 Education, and secondary education. Students are eligible for licensure once they have completed all course work, clinical experiences in programs that meet the current performance based standards for Colorado teachers, and passed the appropriate state tests.

Education and Graduate Studies is accredited by the Colorado Department of Education (CDE).

Faculty

Blake, Basse, Burdenski, Christian, Cary, Engle, Filer, Geiser, Gomez, Jacobsen, Judd, Lopez, Manzanares, McCartney, Medina, O'Halloran, Robinson, Stout, Sullivan, Valerio, Varhely, Whirledge, Young.

Programs

Bachelor of Arts

Exercise Physiology and Leisure Science

K-12 EPLS

Sports and Exercise Management Emphasis in:

Sports and Exercise Management

Interdisciplinary Studies

Interdisciplinary Studies with Early Childhood Endorsement

Licensure:

Teacher Licensure – Elementary

Teacher Licensure – Secondary

Teacher Licensure – K-12 (Art, Music, Physical Education)

Added Endorsement: Early Childhood Education

Two Year Concentrations

Consult with the department chair.

Associate of Arts

*Education and Graduate Studies offers Master's of Arts graduate programs in several areas. Please see the area of Education and Graduate Studies graduate catalog for more information or visit the ASC website <http://segs.adams.edu>.

Department of Exercise Physiology and Leisure Science (EPLS)

"Preparing Health, Physical Education, and Fitness Professionals"

It is the mission of the Department of Exercise Physiology and Leisure Science to provide skilled leadership and proper utilization of facilities and equipment in order to produce qualified physical education teachers, athletic coaches, and fitness specialists. The program in EPLS is designed to help students gain an understanding of the discipline. This will enable them to be professionally comfortable, in not only delivering information, but in making appropriate decisions regarding the manner of the delivery, as well as content, scope, and sequence. In addition, students must gain an appreciation for the value of promoting healthy, active lifestyles.

The EPLS K-12 Teaching Emphasis is designed for students who desire to teach physical education. Students who pursue this degree should eventually seek admittance to the Department of Teacher Education Professional Program.

The EPLS Sport and Exercise Management option is intended for individuals who desire to seek employment in the fitness industry or eventually enroll in graduate school. The major prepares an individual for the following vocational and educational opportunities:

Corporate health fitness management

Commercial sport/exercise management (health clubs, fitness centers)

Work-site health promotions

Industrial sports management (sporting goods industry)

Educational athletic administration (athletic director, sport business manager)

Advanced degree programs in physical education (exercise physiology, bio-mechanics)

Bachelor of Arts Degree: Exercise Physiology and Leisure Science (EPLS)

1. Completion of the general studies requirements for the Bachelor of Arts Degree;
2. Completion of the following core courses plus one emphasis:

Bachelor of Arts Degree

EPLS

In addition to completion of the general education requirements for the Bachelor of Arts degree:

EPLS majors must complete the following 12 hours of core courses:

EPLS 100	Foundations of Physical Education	.2
EPLS 226	Exercise Physiology	.3
EPLS 247	Emergency Response	.2
EPLS 340	Kinesiology	.3
EPLS 440	Organization/Administration of PE	.2
TOTAL		1.2

In addition to the above courses, EPLS majors are required to complete at least one emphasis from the following:

K-12 Physical Education Teaching Emphasis

*Biol 112	Human Anatomy	.4
EPLS 105	Beginning Swimming	.1
EPLS 130	Teaching Individual/Dual Activities	.2
EPLS 131	Teaching Individual/Dual Activities	.2
EPLS 230	Teaching Team Activities	.2
EPLS 260	Tests & Measurements in Physical Ed.	.2
EPLS 310	Dance Fundamentals K-12	.2

EPLS 311	Methods of Teaching Health Education	2
EPLS 312	Physical Education in the Elementary	2
EPLS 315	Methods of Teaching Elementary PE	3
EPLS 316	Methods and Materials in PE	2
EPLS 317	Methods and Materials in PE	2
EPLS 341	Human Motor Development	3
EPLS 448	Adapted Physical Education	2
EPLS 450	Senior Seminar in Teaching PE	2
TOTAL		34

Sport and Exercise Management Emphasis

Biol 112	Human Anatomy	4
EPLS 209	Care and Prevention of Athletic Injuries	2
EPLS 301	Sport and Fitness Nutrition	2
EPLS 314	Health Promotion	2
EPLS 327	Tech. of Coaching Strength/Conditioning	3
EPLS 422	Exercise Evaluation/Fitness Management	2
EPLS 436	Sport and Exercise Psychology	2
EPLS 485	Practicum in Sport/Exercise Management	3
Total		20

Students completing the Advanced degree track may substitute BIOL 105 and BIOL 106 for BIOL 112

Sport and Exercise Management students must choose either the business or the advanced degree track

Business Track: (15 hours required)

Bus 207	Introduction to Accounting I	3
Bus 304	Principles of Marketing	3
Bus 345	Advertising	3
Bus 361	Principles of Management	3
Bus 362	Human Resource Management	3
Bus 365	Small Business Management	3
Csci 100	Introduction to Computers	3
	Elective	3

Advanced degree track: (14 hours required)

Biol 105	Human Anatomy and Physiology	4
Biol 106	Human Anatomy and Physiology	4
Chem 111	Introductory Chemistry	5
Chem 112	Intro to Organic and Biological Chemistry	5
Chem 131	General Chemistry	5
Chem 132	General Chemistry	5
Math 106	College Algebra	3
Math 107	Trigonometry and Analytic Geometry	3
Phys 221/2	College Physics	8
Phys 223/4	College Physics	8

Writing Assessment Policy

I. Procedure:

- A. All full-time EPLS faculty will be involved in assessment of EPLS majors. Each year a committee of three individuals will be appointed by the Department Chair to serve a one year term.

Service on this committee will be on a rotational basis. This committee will be responsible for conducting two assessments, one in the fall, and the other in the spring.

- B. All students majoring in EPLS will undergo an assessment of their writing during the semester in which they will have completed 60 hours of credit. Typically this will be at the end of the sophomore year. Assessments will take place within two weeks following mid-term. Students will be informed about their performance on the assessment prior to registration for the next term. This will provide sufficient time for students who need remediation.
- C. The assessment will be an essay examination. Students will be given several topics from which to choose. The questions will ask for a reaction to a topic and will be opinionated. Thus, the actual content of the response, although important will not be the focus of the evaluation. They will select two questions, and write a minimum of one page on each question. The rubric will grade on writing mechanics, grammar, spelling, and depth of response.
- D. All EPLS majors must demonstrate proficiency in writing, including transfer students. Transfer students, if they have completed 60 hours of credit must take the EPLS writing assessment in their initial term of attendance.

II. Criteria

- A. A four-part rubric will be used to evaluate and assess the writing of our students. The rubric will be scored as follows: Unsatisfactory, Partially Proficient, Proficient, or Advanced.
- B. EPLS students will have to score at least "Proficient" in order to successfully pass the assessment examination.

III. Remediation Plan

- A. EPLS students who score "Unsatisfactory or Partially Proficient" on the assessment examination will be required to English 200, College Writing Review. Students who not successfully remediate their writing will not be allowed to graduate.

IV. Review Plan

- A. EPLS students work will be re-assessed by their successful completion of English 200.

Coaching Minor

The coaching minor in EPLS is designed for those individuals who are not majoring in EPLS but would like to coach at the amateur level, including elementary, junior high, secondary, or post secondary levels.

A minor in coaching consists of the following:

Core Curriculum

EPLS 209	Care/Prevention of Athletic Injuries	.....2
EPLS 247	First Aid: Responding to Emergencies	.....2
EPLS 250	Introduction to Coaching	.....1
EPLS 301	Sport and Fitness Nutrition	.....2
*EPLS 32X	Tech of Coaching & Officiating	.....3
EPLS 327	Tech of Coaching Strength/Conditioning	.....3
EPLS 436	Sport and Exercise Psychology	.....2
EPLS 480	Coaching Practicum	.....3
TOTAL HOURS IN MINOR		.....18

*Students may choose from 320 Basketball, 321 Football, 323 Softball, 324 Track and Field, 325 Volleyball, 326 Wrestling, 328 Soccer.

A coaching practicum is required with the minor and can be accomplished with the approval of the chair of the department, by assisting with an elementary, junior or senior high program, or with a college sport program. Completion of the practicum will qualify the individual for the Adams State College Coaching Certification. Prior to enrolling in the practicum it is recommended for the student to complete the Techniques of Coaching and Officiating course in the particular sport relative to the practicum experience.

EPLS Minor

A minor in EPLS is available in consultation with the department chair. It generally consists of 18 hours of core EPLS courses. Physical education activity classes cannot be used to fulfill minor requirements.

Department of Teacher Education

Bachelor of Arts Degree and Teacher Licensure

The Department of Teacher Education provides programs leading to Colorado licensure in elementary, secondary, and K-12 education. The bachelor's programs and the licensure programs focus on the preparation of teachers for Provisional Teaching Licensure. In addition, programs are offered for an added endorsement in Early Childhood Education.

The professional preparation in elementary, secondary, and K-12 education is accompanied by (or preceded by, in the case of licensure only) college work leading to a Bachelor of Arts degree. The professional preparation is based on the understanding that the principal role of the teacher is that of a reflective decision-maker in the classroom. The educational content courses and the educational pedagogical courses are designed to provide programs which enable the candidate to demonstrate leadership and professional competence and facilitate learning for all students.

Students transferring from another institution to Adams State College may be assessed additional course work in the arts and sciences in order to ensure the broad knowledge base necessary for effective reflective professional decision making.

Students desiring licensure must move through three distinct phases in their academic and professional preparation. First, they must have completed, or be currently enrolled in a course of study leading to a Bachelor of Arts degree. Second, they must be admitted to, and successfully complete, the Professional Education Program and pass the PLACE or PRAXIS II. Third, they must be admitted to, and successfully complete, the student teaching semester.

Candidates for a secondary license who are currently enrolled in a bachelor's degree program at Adams State College must select and complete the degree requirements listed for an academic major in one of the disciplines described in this catalog. The major must be a subject matter field for which a Colorado license is available. The selection of a major should be made in consultation with an advisor, because there are several majors not approved for licensure and some areas in which employment is extremely limited.

Candidates for an elementary license must meet the requirements in the Interdisciplinary Studies Degree Plan. Courses are taken within the Department of Teacher Education and in content fields to provide a balance of professional education and general content knowledge with an approved emphasis in Literacy, Social Studies, Physical Education or Art. Minors are available in music, science, Spanish, and mathematics. Students MUST obtain minor sheets at the department office from which the minor originates.

Candidates for licensure who already hold a bachelor's degree from an accredited institution must complete the professional degree requirements in effect at the time of application. The application process for licensure-only begins with a program review completed by the Chair of Teacher Education.

While it is the responsibility of the student to insure that all requirements for a degree and licen-

sure are met, students are encouraged to seek out the advice of faculty advisors. All students seeking an elementary license will be assigned an advisor in teacher education, while those seeking a secondary or K-12 license are assigned two advisors: a faculty member in the academic major and a faculty member in teacher education. Any student who has not been assigned an advisor is strongly urged to contact the Academic Advisement Center for such an assignment.

All students seeking a license to teach will be involved in departmental program assessment. The Department assesses professional growth with qualitative and quantitative data derived from the professional program admission process, the student teacher admission and screening process, and the Colorado assessment examinations. Taking and passing the state required field content examination (ie: PLACE or PRAXIS II) is required prior to consideration for student teaching.

Since successful entry to teaching is predicated upon early and ongoing field experiences, all students will be required to become actively involved in the public schools in conjunction with their coursework. All students seeking licensure will complete 800 hours of field experiences.

Admission to the Professional Program in Teacher Education

Applications for admission to the Professional Program in Teacher Education are accepted at specified times during the fall and spring semesters. The following are descriptions and explanations of the criteria a candidate must meet in order to submit a completed application for consideration by the Teacher Education Department. Admission applications are distributed and processed by the Professional Program Office in ES 205.

Master's PLUS secondary licensure candidates are required to participate in this process. It is recommended that Master's PLUS candidates contact the advisor in Graduate Studies regarding admission procedures.

Checklist for Admission

- Attend a **Professional Program General Orientation**. A calendar of dates is available in the Professional Program Office at the beginning of each semester. The candidate's application will not be accepted if he or she has not attended an orientation the semester in which the application is submitted.
- View the **Professional Behavior Expectations Orientation** video as assigned by the candidate's ED 200 and ED 220 instructor. At that time, candidates must complete and sign a behavior agreement that must be present in the candidate's file for an application to be accepted.
- Obtain and present with the application an Adams State College **Teacher Education ID**. IDs are available in the College Center Card Office for \$3.00. Candidates are required to purchase one when they are registered in their first course with a field experience component (usually ED 200).
- Complete the **application** form available in the Professional Program Office. Be sure to specify the type of license sought: elementary, secondary, or K-12. Applications are only available for a specified period of time each semester; dates will be posted on the bulletin boards outside the Professional Program Office and on the Professional Program **Pre-Admission Calendar**. Candidates may turn in the application as soon as it is completed, and there will be a **final due date**, beyond which applications will not be accepted. Calendars are printed each semester (in August & January), and it is recommended that candidates pick one up in the Professional Program Office at their earliest convenience upon returning to school from summer or winter break.
- Submit a resume-style **summary** from your portfolio of previous work with youth and children.
- Submit an **educational philosophy statement** from your portfolio.
- Meet with the Teacher Education Advisor to determine completion of the appropriate **pre-requisites** for admission. Currently, candidates must have completed, with a grade of "C" or higher: **Math 104, English 101, English 102, ED 200**, and ED 220 or accepted, transferred, equivalent. Elementary licensure candidates must also complete **Psychology 204 and ED 230**. An application will not be accepted without the appropriate signature that signifies that candidates

have met these requirements.

- Successfully complete the **Technology Proficiency Requirement**, which is accomplished by passing courses Bus 120 or CSCI 100 with a grade of "C" or higher, or by passing the Technology Proficiency Exam. Candidates may take either course during the freshman year, or candidates may take the exam at specified times during each semester. Exam administration information is available by contacting Math, Science and Technology at 587-7256 or by visiting SMT 144. Additionally, information is posted on the campus computer network's main page.
- In order to apply for admission, candidates must have completed **30 hours of coursework**. The candidate's current semester coursework must be in-progress at Adams State College. Transfer students may count previous coursework toward the 30-hour requirement, but they must currently attend the institution in order to apply.
- Candidates must meet or exceed the program's **cumulative GPA requirement of 2.75**.
- Candidates must successfully complete the **Educational Theme Paper**, which is administered twice per semester during fall and spring semesters. Dates and times are posted in the Professional Program Office and on the Pre-Admission Calendar, and pre-registration is required. The Teacher Education Department determines the topic of the paper and evaluates completed papers. Candidates may **ONLY** write the Theme Paper the semester in which they are seeking admission, as the topic changes from semester to semester and is part of the admission interview (see below).
- Candidates must successfully complete an **Admission Interview**. Interview dates and times are assigned by the Professional Program staff when a completed application is received. A panel consisting of teacher education faculty, content-area faculty, and public school representatives will interview candidates.
- It is strongly suggested that candidates purchase **professional liability insurance** to cover them while participating in ongoing field experiences throughout the duration of the licensure program. The Adams State College student chapter of the National Education Association provides this insurance to students as a membership benefit. Applications are available in the Professional Program Office.

Candidates are required to **complete the application process the semester before they wish to be enrolled in core program coursework**. Because pre-requisite coursework may be in-progress at the time of application, final decisions regarding admission are contingent upon successful completion of all pre-requisites. However, tentative approval is sufficient to allow the candidate to participate in early registration, with the understanding that failure to meet requirements will result in administrative removal from core courses in the licensure sequence.

Retention/Exit Requirements

Evaluation of the candidate's performance and professional potential will be an ongoing process throughout the program. Retention and exit requirements are based on multiple criteria: (1) 2.75 semester and cumulative GPA, (2) satisfactory completion of required coursework and field experience components, (3) taking and passing the state required field content examination (ie: PLACE or PRAXIS II), (4) demonstration of professional proficiency with the Colorado Educator Performance Standards, (5) demonstration of appropriate dispositions for teaching in public schools, (6) faculty recommendation, and (7) successful completion of the Teacher Education Department's Exit Exam (elementary). **Candidates are responsible for all fees related to these requirements, such as the PLACE or PRAXIS II exam fee.** The faculty reserves the right to suspend, place on probation, or remove from the program any candidate, who, in their professional judgment, fails to satisfy requirements of scholarship, performance, academic or professional ethics or integrity, or personal suitability.

Admission to Student Teaching

Intention to enroll in student teaching must be declared early in the semester **prior** to the event. Instructions and requirements will be explained and distributed at a **mandatory student teacher candidate orientation**, which is held once per semester. Candidates are responsible for pre-registering for the orientation in the Professional Program Office, where they may also pick up a **Student Teacher Candidate Calendar** at the beginning of fall and spring semesters. Orientation information is also posted on the bulletin boards outside the Professional Program Office. It is the candidate's responsibility to check these locations for information. In addition to attendance at the student teacher candidate orientation meeting, the following requirements apply:

- Previous admission to and current enrollment in good standing in the Professional Program in Teacher Education.
- A completed student teacher candidate application which includes:
 1. Evidence of **successful completion of required field experiences**, which must total a minimum of 120 to 160 hours.
 2. A current, **signed degree plan and graduation application turned in to the Chair of Teacher Education**.
 3. Evidence that the candidate has **taken and passed the state required field content examination (ie: PLACE or PRAXIS II) prior to beginning the student teacher experience**.
 4. Candidate **portfolio** which consists of a cover letter, resume, personal statement, three letters of recommendation, and any other documents as specified by the Professional Program Office. These documents will be sent to schools to seek the candidate's student teacher placement.
 5. Evidence that the candidate has **satisfactorily completed all required coursework**. Candidates lacking coursework in the major or licensure areas will not be granted admission to student teaching.
 6. Evidence that the candidate has maintained the required **2.75 semester and cumulative GPA** and has **met any other conditions that were required at the time of admission** to the Professional Program.
 7. **Favorable recommendations** from Teacher Education faculty and the Student Review Committee.
 8. **The candidate will refrain from contacting schools and districts and will abide by the department's policies regarding placement of candidates**. Under no circumstances will deviation from these policies be tolerated. Violation of placement policies is grounds for suspension from student teaching
 9. Evidence of a placement interview with appropriate personnel, which results in approval to request **placement at an approved site in Colorado**. A list of approved sites will be given to candidates during orientation. If a candidate wishes to request a site outside of the approved site list, he or she must file a written appeal with the Chair of the Teacher Education Department. Appeal forms are available in the Professional Program Office.
 10. Evidence that the candidate has passed the **Career Interview**. The interview is scheduled by the Professional Program staff and consists of a panel of teacher education faculty, faculty from the major or emphasis area, and public school personnel.
 11. Evidence that the candidate has **no pending or prior criminal charges** which would prevent him or her from participation in student teaching in public schools. Candidates will sign an affidavit to verify status in this regard, and many districts require Colorado Bureau of Intelligence background checks. **Candidates are liable for any costs associated with these policies**.
 12. Elementary Candidates Only – Evidence that the candidate has successfully completed the Exit Exam for the Teacher Education Department.

Retention Requirements for Successful Completion of Student Teaching

Teacher Education department faculty supervise candidates throughout the student teaching

experience, which encompasses an entire college semester. Candidates in secondary or K-12 content areas may receive additional supervision from academic departments at the department chair's discretion. All candidates must meet or exceed the following requirements:

- Candidates are required to **adhere to the host school's calendar** and are expected to begin the student teaching experience when the host school's faculty returns from summer or winter break. Additionally, candidates will only take such breaks or holidays as prescribed by the host school's calendar, including fall, spring, or winter breaks, regardless of Adams State College's holiday or break schedule.
- Candidates may take **no more than three excused, personal days** during the student teaching semester. Any additional days missed must be made up on a one-for-one basis. **Candidates must complete a minimum of 640 clock hours to fulfill the experience.**
- **Candidates must display professional, ethical, and mature behavior at all times during the experience.** The faculty reserves the right to suspend, place on probation, or remove from student teaching any candidate, who, in their professional judgment, fails to satisfy requirements of scholarship, performance, academic or professional ethics or integrity, or personal suitability.
- Candidates must **satisfy all coursework** as described in the Student Teaching Handbook and/or as prescribed by faculty of Adams State College or public school professionals within the host school.
- Candidates must demonstrate competency on all elements of the **Colorado Performance Standards for Educators.**
- **Candidates must receive a grade of "Pass" from the Teacher Education Department.**
- Candidates are responsible to complete the application for a **Provisional Colorado Educator License**, which is submitted to the Professional Program Office and held until final grades are reported. The Professional Program Office will mail out applications to candidates after midterm. Candidates are further responsible to obtain any official transcripts from any other institutions they have attended to submit with the application. Transcripts submitted for initial admission to Adams State College may NOT be used for this purpose. Candidates are responsible for all fees incurred in this process.

The School of Education and Graduate Studies at Adams State College does not give credit for experience towards completion of any degree or program. Students must complete all academic coursework and assigned field experiences required with a grade of "C" or better in order to be eligible for graduation, licensure, and/or added endorsement.

The faculty reserves the right to suspend, place on probation or remove from the program any candidate who, in their professional judgement fails to satisfy requirements of scholarship, performance, academic or professional ethics or integrity or personal suitability.

Licensure Disclaimer:

A student who has completed an "old program" which does not comply with current program requirements at Adams State College (ASC) and which is applying for licensure will be required to pass the Educational Practices and Assessment course OR to test out of the Educational Practices and Assessment course before the license application can be approved for recommendation.

NOTE: If a student chooses not to apply for licensure upon completion of a program, Adams State College is under no obligation to recommend the student for licensure if the past course work does not conform to current program requirements.

Course Requirements for Teacher Licensure Programs

Elementary Licensure/Early Childhood Education (ECE) Endorsement Plan

Students are urged to confer with assigned advisors early and often concerning the progress of their programs. It is necessary to attend orientation meetings held twice each semester and consult with the Department of Teacher Education and the Professional Program Office to receive information about the admissions process and courses which are prerequisites to the professional core and courses required in the professional core. Please note: A student must be admitted to the Professional Education Program prior to taking the professional education courses. Grade of "C" or above must be earned in each Professional Education course.

Prerequisite to Professional Core:

ED 200	Perspectives in Teaching & Learning	.....3
ED 200L	Perspectives in Teaching & Learning Lab	.....
ED 220	The Exceptional Learner	.....3
ED 220L	The Exceptional Learner Lab	.....
Psyc 204	Child Development	.....3
ED 230	Literacy * Language Development I	.....3

Professional Core:

(Must be Admitted to Professional Program to Enroll):

ED 300/300L	Literacy & Language Development II	.....3
SCI 310	Methods of Teaching Science	.....3
Math 328	Methods of teaching Math Lab	.....3
Math 328L	Methods of Teaching Math	.....
ED 345	Educational Psychology	.....3
ED 404	Literacy & Language Development III	.....2
ED 414	Classroom Instruction & Management – Elementary	.....2
ED 424	Educational Practices & Assessment-Elementary	.....2
ED 434	Field Seminar-Elementary	.....1
ED 434L	Field Seminar Lab – Elementary	.....2
ED 435	Student Teaching – Elementary	.....15

Interdisciplinary Studies Major Courses (30-37 hours)

Courses completed to meet any other degree or general education requirements cannot be used to fulfill the requirements listed below:

Hist 202	American History to 1865	.....3
OR		
Hist 203	American History 1865 to Present	.....3
EPLS 300	Promoting a Healthy & Safe Environment	.....3
EPLS 300L	Promoting a Healthy & Safe Environment Lab	.....
Geog 300	World Geography	.....3

Choose One Course:

Ar 103	Art Appreciation	.....3
Eng 203	Major Themes in Lit	.....3
Mus 100	Intro to Music	.....3
Mus 102	Introduction to Jazz	.....3
Spt 180	Introduction to Theatre	.....3

Choose One Course:

Math XXX	(Above Gen Ed)	.....	.3
Psyc 211	Intro to Statistics	.....	.4

Content Area Emphasis:

Select an approved content area emphasis with your advisor and complete the corresponding curriculum15-21

General Education:

(See ASC approved general education requirements in the General Catalog) 40

Added Endorsement in Early Childhood Education requires:

1. *Admission to the Teacher Education Program.
2. Completion of all requirements for Elementary Education License.
3. Completion of the following courses.

Prerequisite to Professional Core:

Ece 110	Introduction to ECE	.....	.3
Ece 112	Practicum in ECE	.....	.2
Ece 115	Health, Safety, Nutrition	.....	.3
Ece 320	Infants & Toddlers: Dev Theory & Prac	.....	.4

Professional Core:

(Must be admitted in Professional Program to enroll)

ED 230	Literacy & Language Development I	.....	.3
Ece 340	Family systems and Social Issues in ECE	.....	.3
Ece 424	Advanced Methods & Tech in ECE	.....	.4
Ece 425	Student Teaching Early Childhood	.....	.8

*Professionals who hold an active Colorado teaching license and who meet the requirements for admission to the College will be granted admission to the added endorsement program in Early Childhood

Secondary Education Licensure Program (33 hours)

Prerequisite to Professional Core:

ED 200	Perspectives in Teaching & Learning	.....	.3
ED 200L	Perspectives in Teaching & Learning Lab	.....	..
ED 220	The Exceptional Learner	.....	.3
ED 220L	The Exceptional Learner Lab	.....	..

Professional Core:

(Must be admitted to Professional Program to enroll)

*ED 416	Classroom Instruction & Management–Sec/K-12	.....	.2
*ED 426	Educational Practices & Assessment–Sec/K-12	.....	.2
*ED 429	Content Area Reading	.....	.2
*ED 436	Field Seminar–Sec/K-12	.....	.2
*ED 436L	Field Seminar Lab – Secondary/K-121
ED 445	Student-Teaching-Secondary15

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*Content Methods: 3
(*These courses must be taken concurrently)

Major Content Area Hours: 47

General Education:

(See ASC approved general education requirements in the General Catalog) 40

K-12 Licensure

Prerequisite to Professional Core:

ED 200	Perspectives in Teaching & Learning	..... 3
ED 200L	Perspectives in Teaching & Learning Lab	.....
ED 220	The Exceptional Learner	..... 3
ED 220L	The Exceptional Learner Lab	.....

Professional Core:

(Must be admitted to Professional Program to enroll)

*ED 416	Classroom Instruction & Management–Sec/K-12	..... 2
*ED 426	Educational Practices & Assessment–Sec/K-12	..... 2
*ED 429	Content Area Reading	..... 2
*ED 436	Field Seminar–Secondary/K-12	..... 1
*ED 436L	Field Seminar Lab–Secondary/K-12	..... 2
ED 455	Student Teaching-K-12	..... 15

*Content Methods: 3-9
(*These courses must be taken concurrently)

Major Content Area Hours: 41-47

General Education: 40
(See ASC approved general education requirements in the General Catalog)

Science, Mathematics, and Technology

Science, Mathematics, and Technology is committed to helping students expand their knowledge of the natural and physical world. This familiarity is a fundamental part of a liberal education since there is a need for citizens who are aware of the needs of society and the environment and can function as leaders in the difficult decisions that lie ahead.

Science, Mathematics, and Technology consists of two departments: Biology and Earth Sciences; and Chemistry, Computer Science, and Mathematics. Students can choose from programs in these disciplines and related subfields which lead to a Bachelor’s degree and, if elected, pre-professional preparation or secondary teacher licensure.

Science, Mathematics, and Technology facilitates student learning through careful advisement, small classes, and an excellent teaching faculty. Current facilities include appropriate laboratory instrumentation, field equipment, and networked computer systems. Science, Mathematics, and Technology occupied its new building, Porter Hall, in the fall of 1998.

Faculty

Adams; Armstrong; Benson; Brink; Emmons; Farish; Herrington; Ikle; Jones; Loser; Miller; Morris; Nehring; Rudolph; Sellman; Sveum; and Ybarrondo.

Degree and Licensure Programs

Bachelor of Arts

Biology
Chemistry
Geology
Mathematics

Secondary Teacher Licensure available in:

Mathematics
Biology
Chemistry
Earth Science

Bachelor of Science

Biology
Chemistry
Geology
Mathematics/Computer Science

Two Year Concentrations

Consult with the appropriate Department Chair.

Associate of Arts

Associate of Science

With emphasis in
Chemical Sciences
Communications Technology
Geographic Information Systems Geology

Pre-Professional and Allied Health Programs

Pre-Dentistry
Pre-Engineering
Pre-Medicine
Pre-Nursing
Pre-Optometry
Pre-Osteopathy
Pre-Pharmacy
Pre-Physical Therapy
Pre-Veterinary Medicine

Biology Additional Minors:

Chemistry
Communications Technology
Computer Science
General Science
Geology
Physics

Department of Biology and Earth Sciences

The Biology Program offers the following degree programs: Bachelor of Arts degree in Biology (liberal arts and science education options), Bachelor of Science degree in Biology (cellular and molecular biology, organismal biology, and wildlife options). The secondary teacher licensure program qualifies students for the State of Colorado standard teaching license in science education. Students following the Bachelor of Science and Bachelor of Arts degree programs may prepare themselves for careers in biology in private industry or in the medical or paramedical arts, as well as for graduate study in biology or allied fields.

The Geology Program offers three degree programs in the three degree programs are a Bachelor of Arts degree in Geology, a Bachelor of Arts degree in Geology with an emphasis in Earth Science (science education), and a Bachelor of Science degree in Geology. The Geology Program also offers opportunities for professional software training, and for incorporating Geographic Information Systems (GIS) technology into course work.

Bachelor of Arts Degree

Biology (Liberal Arts)

1. Completion of the general studies requirements for the Bachelor of Arts degree including a total of 120 hours of acceptable course work, 42 hours of which must be in upper division courses.

2. Completion of the following required courses:

Biol 203	General Biology	5
Biol 204	General Biology	5
Biol 321	Genetics	3
Biol 323	Cellular Biology	3
Biol 325	Cellular Biology/Genetics Lab	1
Biol 330	Ecology	4
Biol 332	Evolution	3
Biol 493	Thesis I	1
Biol 494	Thesis II	1

Required support courses:

Chem 111	Introductory Chemistry/Lab	5
Chem 112	Introductory Chemistry/Lab	5
OR		
Chem 131	General Chemistry/Lab	5
Chem 132	General Chemistry/Lab	5
AND		
Chem 321	Organic Chemistry/Lab	5
Math 205	Introduction to Statistical Methods	3

NOTE: Students electing to take the B.A. in Biology must also complete a minor of their choice for a grand total of 60-65 credits.

Biology (Science Education) – Secondary Teacher Licensure

1. Completion of the general studies requirements for the Bachelor of Arts degree including a total of 120 hours of acceptable course work, 42 hours of which must be in upper division courses.
2. Completion of the secondary teacher licensure requirements listed under the Department of Teacher Education.

3. Completion of the following required courses:

Biol 203	General Biology	5
Biol 204	General Biology	5
Biol 321	Genetics	3
Biol 323	Cellular Biology	3
Biol 325	Cellular Biology/Genetics Lab	1
Biol 330	Ecology	4
Biol 332	Evolution	3
Biol 493	Thesis I	1

A minimum of 4 credits is required from the following courses:

Biol 417	Vascular Plant Systematics	4
Biol 418	Plant Morphology/Anatomy	4
Biol 423	Plant Physiology	4
Biol 430	Plant Ecology	4

A minimum of 3 credits is required from the following courses:

Biol 441	Invertebrate Zoology	4
Biol 460	Ornithology	3
Biol 461	Entomology	3
Biol 463	Ichthyology	3
Biol 464	Mammalogy	3
Biol 471	Herpetology	3

A minimum of 3 credits is required from the following:

Biol 404	Physiological Zoology	3
Biol 408	Developmental Biology	4
Biol 411	Comparative Anatomy	4
Biol 447	Microbiology	4

Required support courses:

Chem 112	Introduction to Organic and Biochemistry	5
Phys 221	College Physics	4
Phys 222	College Physics Lab	1
Phys 223	College Physics	4
Phys 224	College Physics Lab	1
Sci 350	Methods of Teaching Science-Secondary	3

Other recommended courses required by the Department of Teacher Education:

Biol 105	Human Anatomy and Physiology	4
Biol 106	Human Anatomy and Physiology	4
Biol 125	Nutrition	2
Biol 406	Comparative Animal Physiology	4
Biol 447	Microbiology	4
Biol 476	Molecular Biology	4
Geol 111	Physical Geology	4
Geol 112	Historical Geology	4
Math 205	Introduction to Statistical Methods	3

Bachelor of Science Degree

Recommended for students interested in allied health professions or graduate school in cellular or molecular biology.

Biology (Cellular and Molecular Biology)

1. Completion of the general studies requirements for the Bachelor of Science degree including a total of 120 hours of acceptable course work, 42 hours of which must be in upper division courses.

2. Completion of the following required courses:

Biol 203	General Biology	5
Biol 204	General Biology	5
Biol 321	Genetics	3
Biol 323	Cellular Biology	3
Biol 325	Cellular/Genetics Lab	1
Biol 330	Ecology	4
Biol 332	Evolution	3
Biol 476	Molecular Biology	4
Biol 493	Thesis I	1
Biol 494	Thesis II	1

A minimum of 7 credits is required from the following courses:

Biol 406	Comparative Animal Physiology	4
Biol 408	Developmental Biology	4
Biol 411	Comparative Anatomy	4
Biol 447	Microbiology	4
Biol 451	Endocrinology	3

Required support courses:

Chem 131	General Chemistry/Lab	5
Chem 132	General Chemistry/Lab	5
Chem 321	Organic Chemistry/Lab	5
Chem 322	Organic Chemistry/Lab	5
Chem 401	Biochemistry/Lab	5
Math 205	Introduction to Statistical Methods	3
Phys 221	College Physics	4
Phys 222	College Physics Lab	1
Phys 223	College Physics	4
Phys 224	College Physics Lab	1

Biology (Organismal Biology)

The course requirements listed here are designed to meet the requirements for positions with state and federal agencies, for teaching in public schools, or for graduate school in organismal biology and ecology.

Successful completion of the following academic program is required for this degree:

1. Completion of the general studies requirements for the Bachelor of Science degree including a total of 120 hours of acceptable course work, 42 hours of which must be in upper division courses.

2. Completion of the following required courses.

Biol 203	General Biology	5
Biol 204	General Biology	5
Biol 321	Genetics	3
Biol 323	Cellular Biology	3
Biol 325	Cellular Biology/Genetics Lab	1
Biol 330	Ecology	4
Biol 332	Evolution	3
Biol 493	Thesis I	1
Biol 494	Thesis II	1

A minimum of 4 credits is required from the following:

Biol 417	Vascular Plant Systematics	4
Biol 418	Plant Morphology/anatomy	4
Biol 423	Plant Physiology	4
Biol 430	Plant Ecology	4

A minimum of 4 credits is required from the following:

Biol 406	Comparative Animal Physiology	4
Biol 408	Developmental Biology	4
Biol 411	Comparative Anatomy	4
Biol 476	Molecular Biology	4

A minimum of 6 credits is required from the following:

Biol 404	Physiological Zoology	3
Biol 441	Invertebrate Zoology	4
Biol 460	Ornithology	3
Biol 461	Entomology	3
Biol 463	Ichthyology	3
Biol 464	Mammalogy	3
Biol 471	Herpetology	3

Required support courses:

Chem 131	General Chemistry/Lab	5
Chem 132	General Chemistry/Lab	5
Chem 321	Organic Chemistry/Lab	5
Chem 322	Organic Chemistry/Lab	5
Math 205	Introduction to Statistical Methods	3
Phys 221	College Physics	4
Phys 222	College Physics Lab	1
Phys 223	College Physics	4
Phys 224	College Physics Lab	1

Biology (Wildlife)

The course requirements listed here are designed to meet the requirements for Federal and State Wildlife and Forest Service positions.

1. Completion of the general studies requirements for the Bachelor of Science degree including a total of 120 hours of acceptable course work, 42 hours of which must be in upper division courses.

2. Completion of the following required courses:

Biol 203	General Biology	5
Biol 204	General Biology	5
Biol 321	Genetics	3
Biol 323	Cellular Biology	3
Biol 325	Cellular Biology/Genetics Lab	1
Biol 330	Ecology	4
Biol 332	Evolution	3
Biol 467	Wildlife Management	2
Biol 469	Fisheries Management	2
Biol 493	Thesis I	1
Biol 494	Thesis II	1

A minimum of 6 credits is required from the following courses:

Biol 460	Ornithology	3
Biol 464	Mammalogy	3
Biol 471	Herpetology	3

A minimum of 6 credits is required from the following courses:

Biol 404	Physiological Zoology	3
Biol 411	Comparative Anatomy	4
Biol 441	Invertebrate Zoology	4
Biol 461	Entomology	3
Biol 463	Ichthyology	3

A minimum of 6 credits (9 credits for Forest Service) is required from the following courses:

Biol 417	Vascular Plant Systematics	4
Biol 418	Plant Morphology/Anatomy	4
Biol 423	Plant Physiology	4
Biol 430	Plant Ecology	4

Required support courses:

Chem 111	Introductory Chemistry	5
Chem 112	Introductory Chemistry	5
Math 106	College Algebra	3
Math 205	Introduction to Statistical Methods	3

Minor in Biology

Completion of at least 18 hours selected in consultation with the Chair of the Department or completion of the following required courses:

Biol 203	General Biology	5
Biol 204	General Biology	5
Biol 321	Genetics	3
Biol 323	Cellular Biology	3
Biol 325	Cellular Biology/Genetics Lab	1
Biol 330	Ecology	4
Biol 332	Evolution	3

Emphasis in Biology – Elementary Education Licensure

Eighteen hours selected in consultation with the Chair of the Department.

Course Requirements for Biology Majors First and Second Years

First year

All students regardless of degree track

Biol 203	General Biology & Laboratory	5
Biol 204	General Biology & Laboratory	5

B.A. Biology

B.A. Biology (Secondary Education)

B.S. Biology (Wildlife)

Chem 111	Introductory Chemistry	4
Chem 111L	Introductory Chemistry Laboratory	1
Chem 112	Introduction to Organic & Biological Chemistry	4
Chem 112L	Introduction to Organic & Biological Chemistry Lab	1

B.S. Biology (Cellular and Molecular Biology)

B.S. Biology (Organismal Biology)

Chem 131	General Chemistry	4
Chem 131L	General Chemistry	1
Chem 132	General Chemistry	4
Chem 132L	General Chemistry Laboratory	1

Second year

All students regardless of degree track

Biol 321	Genetics	3
Biol 323	Cellular Biology	3
Biol 325	Genetics and Cell Biology Laboratory	1
Biol 330	Ecology	4
Biol 332	Evolution	3

B.S. Biology (Cellular and Molecular Biology)

B.S. Biology (Organismal Biology)

Chem 321	Organic Chemistry	4
Chem 321L	Organic Chemistry Lab	1
Chem 332	Organic Chemistry	4
Chem 322L	Organic Chemistry Laboratory	1

Note: ALL students must be enrolled in both general biology and chemistry (with laboratory) both semesters of the first year in order to graduate in four years. All students should meet with a Biology advisor immediately upon matriculation.

Bachelor of Arts Degree

Geology

1. Completion of the general studies requirements for the Bachelor of Arts degree.

2. Completion of the following required courses:

Biol 203	General Biology/Lab	5
Chem 131	General Chemistry/Lab	5
Chem 132	General Chemistry/Lab	5
Geol 111	Physical Geology	4
Geol 112	Historical Geology	4

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Geol 121	Field Study 1	1
Geol 122	Field Study 2	1
Geol 321	Geomorphology with Environmental Applications	4
Geol 331	Mineralogy	4
Geol 338	Petrology	5
Geol 340	Introduction to Hydrogeology	4
Geol 343	Sedimentology and Stratigraphy	4
Geol 371	Structural Geology	4
Geol 446	Field Methods	2
Math 106	College Algebra	3
Phys 221	College Physics	4
Phys 222	College Physics Lab	1

3. A minor is highly recommended; consult with your advisor.

Geology (Science Education) – Secondary Teacher Licensure in Earth Science

The secondary teacher licensure program qualifies a student for the State of Colorado standard teaching license in science education.

1. Completion of the general studies requirements for the Bachelor of Arts degree plus the secondary teacher licensure requirements listed under the Department of Teacher Education.

2. Completion of the following required courses:

Biol 203	General Biology/Lab	5
Chem 131	General Chemistry/Lab	5
Geol 111	Physical Geology/Lab	4
Geol 112	Historical Geology/Lab	4
Geol 321	Geomorphology with Environmental Applications	4
Geol 331	Mineralogy	4
Geol 339	Petrology	5
Geol 343	Sedimentology and Stratigraphy	4
Geol 361	Geographic Information Systems	3
Geol 371	Structural Geology	4
Math 106	College Algebra	3
Geog 300	World Geography	3
Phys 210	Introduction to Astronomy	4
Phys 221	College Physics	4
Phys 222	College Physics Lab	1
Sci 350	Methods of Teaching Science	3
TOTAL CREDITS		53

The following are highly recommended:

CSci 150	Programming in BASIC	3
OR		
Csci 208	Computer Science I	3
OR		
Math 210	Programming in Fortran	3

3. A minor in biology, chemistry, mathematics, or physics is highly recommended for placement in a teaching position.

Bachelor of Science Degree

Geology

1. Completion of the general studies requirements for the Bachelor of Science degree.

2. Completion of the following required courses:

Chem 131	General Chemistry/Lab	5
Chem 132	General Chemistry/Lab	5
Geol 111	Physical Geology/Lab	4
Geol 112	Historical Geology/Lab	4
Geol 121	Field Study 1	1
OR		
Geol 122	Field Study 2	1
Geol 321	Geomorphology with Environmental Applications	4
Geol 331	Mineralogy	4
Geol 332	Optical Mineralogy	4
Geol 339	Petrology	5
Geol 343	Sedimentology and Stratigraphy	4
Geol 350	Field Excursion to the Texas Region	2
OR		
Geol 351	Field Excursion to the Arizona Region	2
OR		
Geol 352	Field Excursion to the Utah Region	2
Geol 371	Structural Geology	4
Geol 446	Field Methods	2
Geol 495	Field Geology	6
Math 106	College Algebra	3
Math 107	College Algebra	3
Phys 221	College Physics	4
Phys 222	College Physics Lab	1
Phys 223	College Physics	4
Phys 224	College Physics Lab	1

THREE OF THE FOLLOWING REQUIRED:

Geol 340	Introduction to Hydrogeology	4
Geol 361	Geographic Information Systems	3
Geol 430	Tectonics of North America	3
Geol 433	Environmental Geochemistry	3
Geol 461	Advanced Geographic Information Systems	3

Minor in Geology

Geol 111	Physical Geology	4
Geol 112	Historical Geology	4
Geol 121	Field Study 1	1
Geol 122	Field Study 2	1
Geol 35X	Field Excursions (Geol 350, 351, or 352)	2
Geol 3XX	Electives	6

Department of Chemistry Computer Science, and Mathematics

The Department of Mathematics, offers a variety of discipline-based majors and minors, as well as a program leading to teacher licensure in mathematics.

The department offers three degree programs in Mathematics and Computer Science: a Bachelor of Arts degree in mathematics, a Bachelor of Arts degree in mathematics with secondary teacher licensure, and for those interested in computer science, a Bachelor of Science degree. Students following the various degree programs may prepare themselves for teaching, positions in private industry or government, or for graduate study in mathematics, computer science, or an allied field. The department recommends that mathematics majors take General Physics to satisfy a portion of their General Education science requirement.

The department also provides coursework for a degree in chemical physics offered through the Department of Chemistry, Computer Science as well as Mathematics as well as a pre-engineering program that is recognized by Colorado School of Mines, Colorado State University and University of Colorado. Additionally, the curriculum at ASC is sufficiently broad that courses will generally transfer from Adams State to many different engineering schools.

The department maintains the Zacheis Planetarium, which was the first planetarium in Colorado. The planetarium, in addition to the Astronomy class, offers a variety of free shows and activities for public school children. The department has the largest collection of telescopes for public observation in Colorado. We recently received a computerized telescope for remote-viewing and have acquired a 32-inch mirror that, when completed, would be the largest telescope in the state.

Students in the department are encouraged to become involved with the Zacheis Planetarium and Observatory. The planetarium is the center for many physics projects. In the past, students have developed computer controls and have done work on various imaging and graphics problems.

Porter Hall houses open access computer laboratories managed by Chemistry, Computer Science, and Mathematics Programs. These labs contain 64 Pentium IV class workstations as well as a number of specialty machines. Each workstation is connected to a switched 100-MB fiber backbone, providing easy Internet access as well as student email and other support. Each workstation provides a suite of productivity software that is commonly used across campus, as well as specialized mathematics software such as Scientific Notebook, Geometer's Sketchpad, and Maple. The labs also support a host of programming environments including C++, Java, Visual Age, Visual BASIC, Lisp and Fortran 90.

In addition to the open access labs, the department supports a group of dedicated multimedia machines, a small SUN Ultra cluster and a small Beowulf cluster running Linux. Students will have ample time to experience a variety of operating systems and architectures. A number of web servers and special purpose machines are also available for student projects.

The Chemistry Program offers the following degree programs: Bachelor of Arts degree in chemistry, Bachelor of Arts degree in chemistry (science education), Bachelor of Arts degree in chemistry for allied health professions, and Bachelor of Science degrees in chemistry, biochemistry, and chemical physics. The secondary teacher licensure program qualifies a student for the State of Colorado standard teaching license in science education. The department prepares chemistry majors for graduate schools, the medical or paramedical arts, industrial and government positions, and teaching.

Bachelor of Arts Degree

Chemistry

1. Completion of the general studies requirements for the Bachelor of Arts degree.
2. Courses are to be selected by the student in consultation with the coordinator of the chemistry program and the advisor to include:

Chem 131	General Chemistry	5
Chem 132	General Chemistry	5
Chem 321	Organic Chemistry	5
Chem 322	Organic Chemistry	5
Chem 331	Analytical Chemistry	5
Chem 332	Analytical Chemistry	5
Chem 431	Physical Chemistry	3
Chem 432	Physical Chemistry Lab	3
Chem 433	Physical Chemistry	3
Chem 434	Physical Chemistry Lab	2
Chem 481	Chemistry Seminar	2
Math 120	Single Variable Calculus	5
Math 121	Single Variable Calculus	5
(Phys 221-224)		
Phys 221	College Physics	4
Phys 222	College Physics Lab	1
Phys 223	College Physics	4
Phys 224	College Physics Lab	1
OR		
(Phys 230-233)		
Phys 230	General Physics	4
Phys 231	General Physics Lab	1
Phys 232	General Physics	4
Phys 233	General Physics Lab	1

The following course is recommended:

Chem 334	Environmental Chemistry	3
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NOTES:

1. Forty-two (42) hours of upper division credit are required for graduation which may be in any discipline. The above courses specify 31 hours of upper division credit.
2. Students must complete Science 103 and 104 to satisfy general studies requirements in science.

Chemistry for Allied Health Professions

1. Completion of the general studies requirements for the Bachelor of Arts degree.
2. Courses in chemistry are to be selected by the student in consultation with the coordinator of the chemistry program and the advisor to include:

Chem 131	General Chemistry/Lab	5
Chem 132	General Chemistry/Lab	5
Chem 321	Organic Chemistry/Lab	5
Chem 322	Organic Chemistry/Lab	5
Chem 331	Analytical Chemistry/Lab	5
Chem 332	Analytical Chemistry/Lab	5

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Chem 401	Biochemistry	5
Chem 402	Molecular Biology	4
Chem 481	Chemistry Seminar	2
Math 106	College Algebra	3
Math 107	Trigonometry & Analytical Geometry	6
OR		
Math 120	Single Variable Calculus	5
Math 121	Single Variable Calculus	5
(Phys 221-224)		
Phys 221	College Physics	4
Phys 222	College Physics Lab	1
Phys 223	College Physics	4
Phys 224	College Physics Lab	1
OR		
(Phys 230-233)		
Phys 230	General Physics	4
Phys 231	General Physics Lab	1
Phys 232	General Physics	4
Phys 233	General Physics Lab	1

3. Minor in biology is required.

NOTES:

1. This degree is not appropriate for those planning a career in chemistry, but is intended for students entering professional school in the health professions.
2. Forty-two (42) hours of upper division credit are required for graduation which may be in any discipline. The above courses plus the minor in biology specify 45 hours of upper division credit.
3. Students must complete Science 103 to satisfy general studies requirements in science.

Chemistry (Science Education) – Secondary Teacher Licensure

1. Completion of the general studies requirements for the Bachelor of Arts degree plus the secondary teacher licensure requirements listed under the Department of Teacher Education.
2. Courses are to be selected by the student in consultation with the coordinator of the chemistry program and the advisor to include:

Chem 131	General Chemistry/Lab	5
Chem 132	General Chemistry/Lab	5
Chem 321	Organic Chemistry/Lab	5
Chem 322	Organic Chemistry/Lab	5
Chem 331	Analytical Chemistry/Lab	5
Chem 332	Analytical Chemistry/Lab	5
Chem 334	Environmental Chemistry	3
(Or other Environmental course approved by Coordinator)		
Chem 431	Physical Chemistry Lecture – Thermodynamics	3
Chem 481	Chemistry Seminar	2
Math 120	Single Variable Calculus	5
Phys 221	College Physics	4

Phys 222	College Physics Lab	1
Phys 223	College Physics	4
Phys 224	College Physics Lab	1
Sci 103	The Sciences II: Earth Science	2
Sci 104	The Sciences II: Life Science	2
Sci 350	Methods of Teaching Science	3

The following course is highly recommended:

Chem 461	Inorganic Chemistry	3
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NOTES:

- Forty-two (42) hours of upper division credit are required for graduation which may be in any discipline. The above courses plus the upper division course required by the department of education specify 56 hours of upper division credit.
- Upon completion of the program students will have met all general studies science requirements.
- The program of study is very specific requiring close counseling with your advisor to assure timely graduation.

Bachelor of Science Degree

Chemistry

- Completion of the general studies requirements for the Bachelor of Science degree.
- Courses are to be selected by the student in consultation with the Coordinator of the chemistry program and the advisor to include:

Chem 131	General Chemistry/Lab	5
Chem 132	General Chemistry/Lab	5
Chem 321	Organic Chemistry/Lab	5
Chem 322	Organic Chemistry/Lab	5
Chem 331	Analytical Chemistry/Lab	5
Chem 332	Analytical Chemistry/Lab	5
Chem 431	Physical Chemistry	3
Chem 432	Physical Chemistry Lab	3
Chem 433	Physical Chemistry	3
Chem 434	Physical Chemistry Lab	2
Chem 401	Biochemistry	5
Chem 402	Molecular Biology	4
OR		
Chem 461	Inorganic Chemistry	3
Chem 462	Inorganic Chemistry	3
Chem 481	Chemistry Seminar	2
Math 120	Variable Calculus	5
Math 121	Variable Calculus	5
Math 220	Multi-Variable Calculus	4
OR		
Math 327	Differential Equations	3
Phys 230	General Physics	4
Phys 231	General Physics Lab	1

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Phys 232	General Physics	4
Phys 233	General Physics Lab	1

The following courses are recommended:

Chem 216	Glassblowing	1
Chem 445	Polymer Chemistry	3
Chem 334	Environmental Chemistry	3
Econ 255	Principles of Economics I	3
Math 321	Linear Algebra	3
Phys 300	Electronics and Electrical Measurements	3
SpT 100	Speech Fundamentals	3

NOTES:

1. Students planning graduate work in chemistry should take Chem 461, 462. Students planning graduate work in biochemistry or biology should take Chem 401, 402. Taking both is highly recommended for students going to graduate school in either field.
2. For students oriented in the physical or theoretical areas, both Math 220 and 327 are recommended.
3. Forty-two (42) hours of upper division credit are required for graduation which may be in any discipline. The above courses specify a minimum of 38 to 44 hours of upper division credit depending on choices taken.
4. Students must complete Science 103 and 104 to satisfy general studies requirements in science.

Biochemistry

1. Completion of the general studies requirements for the Bachelor of Science degree.

2. Courses are to be selected by the student in consultation with the coordinator of the chemistry program and the advisor to include:

Chem 131	General Chemistry/Lab	5
Chem 132	General Chemistry/Lab	5
Chem 321	Organic Chemistry/Lab	5
Chem 322	Organic Chemistry/Lab	5
Chem 331	Analytical Chemistry/Lab	5
Chem 332	Analytical Chemistry/Lab	5
Chem 401	Biochemistry	5
Chem 402	Molecular Chemistry	4
Chem 431	Physical Chemistry	3
Chem 433	Physical Chemistry Lab	2
Chem 432	Physical Chemistry	3
Chem 434	Physical Chemistry Lab	2
Chem 481	Chemistry Seminar	2
Math 120	Single Variable Calculus	5
Phys 221	College Physics	4
Phys 222	College Physics Lab	1
Phys 223	College Physics	4
Phys 224	College Physics Lab	1
OR		
Phys 230	General Physics	4

Phys 231	General Physics Lab	1
Phys 232	General Physics	4
Phys 233	General Physics Lab	1
Biol 203	General Biology	5
Biol 204	General Biology	5
Biol 321	Genetics	3
Biol 323	Cellular Biology	3
Biol 325	Cellular Biology/Genetics Lab	1
Biol 332	Evolution	3
2 semesters of 400 level biology or chemistry courses		6-8

NOTES:

1. Students must complete Science 103 to satisfy general studies requirements in science.

Chemical Physics

1. Completion of the general studies requirements for the Bachelor of Science degree.
2. Courses are to be selected by the student in consultation with the coordinator of the chemistry program and the advisor to include

Chem 131	General Chemistry/Lab	5
Chem 132	General Chemistry/Lab	5
Chem 321	Organic Chemistry/Lab	5
Chem 331	Analytical Chemistry/lab	5
Chem 332	Analytical Chemistry/Lab	5
Chem 431	Physical Chemistry	3
Chem 433	Physical Chemistry Lab	2
Chem 432	Physical Chemistry	3
Chem 434	Physical Chemistry Lab	2
Chem 461	Inorganic Chemistry	3
Chem 481	Chemistry Seminar	2
Phys 230	General Physics	4
Phys 231	General Physics Lab	1
Phys 232	General Physics	4
Phys 233	General Physics Lab	1
Phys 300	Electronics and Electrical Measurement	3
Phys 302	Mechanics	4
Phys 304	Electricity and Magnetism	4
Phys 306	Modern Physics	4
Math 120	Single Variable Calculus	5
Math 121	Single Variable Calculus	5
Math 220	Multivariable Calculus	4
Math 327	Differential Equations	3

The following courses are highly recommended:

Chem 322	Organic Chemistry	5
Chem 462	Inorganic Chemistry	3

NOTES:

1. Students must complete Science 103 and 104 to satisfy general studies requirements in science.

Program of Study

Suggested four-year programs can be obtained from the chemistry program coordinator for all degree tracks. See your chemistry advisor during the first semester to work out a four-year program of study. The recommended first year of study is as follows:

Fall		Spring	
Chem 131	5	Chem 132	5
Math 106 OR 120	3 or 5	Math 107 OR 121	3 or 5
Eng 101	3	Eng 102	3
Gen Ed Course	3 or 5	Gen Ed Course	3 or 5
EPLS 111	2		

NOTES:

1. Take calculus (Math 120, 121) in your freshman year; if your math skills are sufficient (ACT math of 26 or higher or SAT of 540 or higher is recommended), otherwise take Math 106, 107. If your math skills indicate starting with a math course below Math 106, then take the indicated math course and defer taking Chem 131. Instead of Chem 131, take Chem 101 or a general education course. B.A.-Allied Health majors are required to take Math 106, 107, or Math 120, 121 whereas all other programs require Math 120, 121.
2. If you enter with credit for Eng 101 or 102, take another general education course and/or computer science course (CSci 100 or higher level programming course depending on your background).
3. If you are a B.A.-Allied Health major, B.S. Chemistry-Biochemistry major, or plan to double major in biology and chemistry, take Biol 203 and Biol 204 (5 hours each) in lieu of general education courses your freshman year.
4. B.A. Chemistry Secondary Education majors should choose Psyc 101 for one general education course
5. EPLS 111 may be postponed until later in the programs of study or the sequence may be reversed. Course loads should range from 16 to 18 credit hours a semester.

Minor in Chemistry

1. Completion of at least 18 semester hours, including Chem 131, 132 and a one year sequence of upper division chemistry.
2. Must be approved by the coordinator of the chemistry program.

Emphasis in Chemistry – Elementary Education Licensure

Eighteen hours selected in consultation with the coordinator of the program.
Either Chem 101 or 131 may be selected, but not both courses.

Bachelor of Arts Degree

Mathematics

1. Completion of the general studies requirements for the Bachelor of Arts degree.

2. Completion of the following required courses or their equivalents:

Math 120	Single Variable Calculus	5
Math 121	Single Variable Calculus	5
Math 200	Discrete Mathematics	3
Math 220	Multi-Variable Calculus	4
Math 321	Linear Algebra	3
Math 322	Algebraic Structures	3
Math 323	Algebraic Structures	3
Math 327	Differential Equations	3
Math 330	Numerical Analysis	3
Math 403	Senior Assessment	2
Math 420	Advanced Analysis	3
Math 421	Advanced Analysis	3

Plus one of the following courses:

Math 331	Modern Geometry	3
Math 340	Probability & Statistics	3

Plus one of the following courses:

CSci 150	Programming in BASIC	3
CSci 208	Computer Science I	4
Math 210	C++ for Scientists & Engineers	3

Typical First Year Schedule, B.A. Mathematics

Students ready for Calculus (ACT math score of at least 26 or permission of department):

FRESHMAN – FALL		FRESHMAN – SPRING	
Math 120	5	Math 121	5
CSci 150 or CSci 208 or Math 210	3 or 4	Math 200	3
Gen Ed/Electives	7 or 6	Gen Ed/Electives	7
Total	15	Total	15

Students not yet ready for calculus:

FRESHMEN – FALL		FRESHMAN – SPRING	
Math 106	3	Math 107	3
CSci 150 or CSci 208 or Math 210	3 or 4	Gen Ed/Electives	12
Gen Ed/Electives	9 or 8		
Total	15	Total	15

Mathematics – Secondary Teacher Licensure

1. Completion of the general studies requirements for the Bachelor of Arts degree plus the secondary teacher licensure requirements listed under the Department of Teacher Education.

2. Completion of the following required courses or their equivalents:

Math 120	Single Variable Calculus	5
Math 121	Single Variable Calculus	5
Math 200	Discrete Mathematics	3

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Math 220	Multi-Variable Calculus	4
Math 321	Linear Algebra	3
Math 322	Algebraic Structures	3
Math 330	Numerical Analysis	3
Math 331	Modern Geometry	3
Math 335	History of Mathematics	3
Math 340	Probability and Statistics	3
Math 350	Methods of Teaching Secondary Mathematics	3
Math 403	Senior Assessment	2
Math 420	Advanced Analysis	3

Plus one of the following courses:

CSci 150	Programming in BASIC	3
CSci 208	Computer Science I	4
Math 210	C++ for Scientists & Engineers	3

Typical First Year Schedule, B.A. Mathematics – Secondary Licensure

Students ready for Calculus (ACT Math score of at least 26 or permission of department):

FRESHMEN – FALL		FRESHMEN – SPRING	
Math 120	5	Math 121	5
CSci 150 or CSci 208 or Math 210	3 or 4	Math 200	3
Gen Ed/Electives	7 or 6	Gen Ed/Electives	7
Total	15	Total	15

Students not yet ready for calculus:

FRESHMEN – FALL		FRESHMEN – SPRING	
Math 106	3	Math 107	3
CSci 150 or CSci 208 or Math 210	3 or 4	Gen Ed/Electives	12
Gen Ed/Electives	9 or 8		
Total	15	Total	15

Bachelor of Science Degree

Mathematics – Computer Science

1. Completion of the general studies requirements for the Bachelor of Science degree.

2. Completion of the following required courses or their equivalents:

CSci 208	Computer Science I	4
CSci 209	Computer Science II	4
CSci 245	Introduction to the World-Wide Web	3
CSci 250	Human-Computer Interaction	3
CSci 410	Computer Graphics and Multimedia	3
CSci 308	Architecture and Operating Systems	3
CSci 309	Architectures for Networking and Communication	3
CSci 325	Algorithm Design and Analysis	3
CSci 330	AI and Information	3
CSci 345	Net-centric Computing	3
CSci 400	Software Development and Professional Practice	3
CSci 410	Computer Graphics and Multimedia	3
Math 120	Calculus	5
Math 121	Calculus	5

Math 200	Discrete Mathematics	3
Math 321	Linear Algebra	3
Math 322	Algebraic Structures	3
Math 340	Probability & Statistics	3
Math 403	Senior Assessment	2

For students who plan to pursue graduate studies in computer science, Phys 300 Electronics and Electrical Measurements is strongly recommended.

Typical First Year Schedule, B.S. Mathematics – Computer Science:

FRESHMEN – FALL		FRESHMEN – SPRING	
CSci 208	4	CSci 209	4
		Csci 245	3
Gen Ed/Electives	11	Math 200	3
Total	15	Gen Ed/Electives	5
		Total	15

Students needing to take Math 106 and 107 must do so during their first year in order to stay on schedule.

Middle School Mathematics Emphasis

1. Completion of the general studies requirements for the Bachelor of Arts degree, plus the elementary teacher licensure requirements listed under the department of Teacher Education.

2. Completion of the following course requirements:

Math 120	Single Variable Calculus	5
Math 121	Single Variable Calculus	5
Math 310	Foundations of School Mathematics.	3
Math 331	Modern Geometry	3
Math 335	History of Mathematics	3

Mathematics – Physics Emphasis

1. Completion of the general studies requirements for the Bachelor of Science Degree.

2. Completion of the following course requirements:

Chem 131	General Chemistry	5
Chem 132	General Chemistry	5
Math 120	Single Variable Calculus.	5
Math 121	Single Variable Calculus	5
Math 220	Multivariable Calculus	4
Math 321	Linear Algebra	3
Math 327	Differential Equations	3
Math 330	Numerical Analysis	3
Math 403	Senior Assessment	2
Phys 230	General Physics	4
Phys 231	General Physics Lab	1
Phys 232	General Physics	4
Phys 233	General Physics Lab	1
Phys 244	Electric Circuits	3
Phys 300	Electronics and Electrical Measurement	3
Phys 302	Mechanics	4

Phys 304	Electricity and Magnetism	4
Phys 306	Modern Physics	4
Plus one of the following courses:		
CSci 208	Computer Science	4
Math 210	C++ for Scientists & Engineers	3

Minor in Communications Technology

This interdisciplinary minor is a good choice for a student not in computer science, but interested in building and maintaining web sites. The minor requires the following core:

CSci 150	Programming in BASIC(currently using Visual Basic)	3
CSci 208	Computer Science I	4
CSci 245	The Internet	3
CSci 250	Human-Computer Interaction	3
CSci 320	Advanced Internet	3

Three (3) additional hours of elective courses approved by the student’s computer science adviser are required.

Minor in Computer Science

Candidates for the computer Science Minor are required to take CSci 208 Computer Science I, and CSci 209 Computer Science II, Math 200, as well as a minimum of nine additional hours of Computer Science courses approved by the Department Coordinator.

Minor in Mathematics

Math 120	Single Variable Calculus	5
Math 121	Single Variable Calculus	5
Math 220	Multi-Variable Calculus	4
Math 321	Linear Algebra	3
Math XXX	Electives approved by the department coordinator	3

Minor in Physics

Candidates for the minor in Physics are required to take the following course work:

Phys 230	General Physics	4
Phys 231	General Physics Lab	1
Phys 232	General Physics	4
Phys 233	General Physics Lab	1
Phys 306	Modern Physics	4

An additional four hours of Physics courses must be selected in consultation with a student’s Physics advisor.

General Science

Minor in General Science

18 credit hours from the following list in consultation with the Assistant Provost for Academic Affairs.

Biol 203	General Biology	5
Chem 111	Introductory Chemistry	5
Geol 111	Physical Geology	4
Phys 210	Introduction to Astronomy	4

Phys 221	College Physics	4
Phys 222	College Physics Lab	1

Pre-Professional and Allied Health Programs

Pre-Dentistry

We recommend that students prepare for professional school admittance in dentistry by completing the B.S. (Cellular and Molecular Biology) degree in Biology or the B.S. (Biochemistry) degree in Chemistry prior to application for dental school admission. Most dental schools require the courses listed below. Be aware that prerequisites vary among dental schools. What follows is typical of the minimum prerequisites. We strongly urge early consultation with the pre-dental advisor to plan your program. Be aware that some upper-division courses have prerequisites not listed below.

Biol 203	General Biology	5
Biol 204	General Biology	5
Biol 321	Genetics	3
Biol 323	Cellular Biology	3
Biol 332	Evolution	3
Biol 406	Comparative Animal Physiology	4
Biol 411	Comparative Anatomy	4
Chem 131	General Chemistry	5
Chem 132	General Chemistry	5
Chem 321	Organic Chemistry	5
Chem 322	Organic Chemistry	5
Math 106	College Algebra	3
Math 107	Trigonometry and Analytic Geometry	3
Phys 221	College Physics	4
Phys 222	College Physics Lab	1
Phys 223	College Physics	4
Phys 224	College Physics Lab	1
Econ 255	Principles of Economics	3
Eng 101	Communication Arts I	3
Eng 102	Communication Arts II	6
Eng 103	Major Themes in Literature	3
SpT 100	Speech Fundamentals	3
Approved sequence in fine arts/humanities		6

Pre-Engineering (Recommended Curriculum)

Colorado School of Mines, Colorado State University, and Colorado University will cooperate with Adams State College to facilitate transfer of credit for the courses listed in the pre-engineering program. Engineering programs differ slightly in their requirements for the first two years. Consultation with the pre-engineering advisor at ASC is essential to insure proper transfer of credit. Failure to work with a pre-engineering advisor may result in loss of credit during transfer and additional course work. Advisement is particularly necessary in the selection of elective courses to prevent a delay in graduating from a participating engineering school.

Freshman year:

Fall:

Chem 131	General Chemistry	5
Eng 101	Communication Arts	3
Math 120	Single Variable Calculus	5

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Phys 102	Applied Science Techniques	1
Phys 210	Computer Aided Drafting	3
<i>Spring:</i>		
Eng 102	Communication Arts II	3
Math 210	C++ for Scientists & Engineers 3	
Math 121	Single Variable Calculus	5
Phys 230	General Physics Lecture	4
Phys 231	General Physics Laboratory	1
*Technical Electives		4-5

Sophomore year:

Fall:

Math 220	Multi-Variable Calculus	4
Phys 232	General Physics Lecture	4
Phys 233	General Physics Laboratory	1
Phys 242	Statics	3
**Approved electives in fine arts/humanities or history/government		6

Spring:

Math 327	Differential Equations	3
Phys 243	Dynamics	3
Phys 244	Electric Circuits	3
Phys 246	Engineering Thermodynamics	3
**Approved electives in fine arts/humanities or history/government		6

* Technical Electives depend on the choice of major and the engineering program. The selection of electives should be made after consulting with a pre-engineering advisor to insure proper transfer of credit. Choices include: Chem 132 General Chemistry and Geol 111 Physical Geology.

** Humanities and Social Science Electives are dependent on the intended major. Consult with your pre-engineering advisor before selecting these courses. Possible courses include Econ 255 Principles of Economics I, AR 103 Art Awareness, Psc 106 General Psychology, and courses in English Literature, Foreign Languages, History, Music, and Philosophy.

Pre-Medicine

Admission to postgraduate professional training in medicine is extremely competitive. As a rule, students can seek admission having earned a degree in any of a variety of disciplines, as long as specific courses have been completed as part of the program. Most medical schools require the courses listed below. Be aware that some medical schools have additional prerequisites. We recommend that students complete a B.S. degree in Biology (Cellular and Molecular Biology) or a B.S. degree in Chemistry (Biochemistry). It is highly recommended that students consult with the ASC pre-medical advisor early in their program for information and schedule planning.

Biol 203	General Biology	5
Biol 204	General Biology	5
Chem 131	General Chemistry	5
Chem 132	General Chemistry	5
Chem 321	Organic Chemistry	5
Chem 322	Organic Chemistry	5
Eng 101	Communication Arts I	3
Eng 102	Communication Arts II	3
Eng 203	Major Themes in Literature	3
Math 106	College Algebra	3

Math 107	Trigonometry and Analytic Geometry	3
Phys 221	College Physics	4
Phys 222	College Physics Lab	1
Phys 223	College Physics	4
Phys 224	College Physics Lab	1

Pre-Nursing

Adams State College offers a variety of courses that will prepare students for entry into one of the many Bachelor's Degree (BSN) granting nursing programs in the state and in the region. The specific requirements for each program vary widely and sometimes include courses not offered at ASC or offered only through distance-learning arrangements with other institutions. We advise students interested in completing a degree-based nursing program to consult the Regional Colorado Nursing Task Force Coordinator (719-589-4977) and the ASC Nursing advisor to choose an appropriate program. After this choice is made, an appropriate two-year ASC pre-nursing course of study can be designed for you. The following ASC courses are typical of requirements for entry into a Bachelor's Degree program in nursing.

Biol 105	Human Anatomy and Physiology	4
Biol 106	Human Anatomy and Physiology	4
Biol 125	Nutrition	2
Biol 182	Microbiology for Non-Majors	4
Chem 111	Introductory Chemistry	5
Chem 112	Intro Organic & Biological Chemistry	5
Eng 101	Communication Arts I	3
Eng 102	Communication Arts II	3
Math 205	Introduction to Statistical Methods	3
Psyc 101	Introduction to Psychology	3
Psyc 204	Child Development	3
Psyc 205	Adolescent and Adult Development	3
Soc 201	Introduction to Sociology	3
Approved courses in fine arts/humanities		3
Approved courses in history, economics, or political science		3

Pre-Optometry

Adams State College offers pre-professional training to prepare students for admission to optometry schools. Typically, these institutions admit students who have completed a Bachelor's Degree. We recommend that students plan to complete either the B.S. degree in Biology (Cellular and Molecular Biology) or B.S. degree in Chemistry (Biochemistry), with attention to the completion of the following suggested course list. Be aware that prerequisites vary among optometry schools. You must check with the schools to which you will apply for specific requirements, preferably early in your undergraduate career. We urge students to consult with the ASC pre-optometry advisor early in their program for information and schedule planning.

Biol 105	Human Anatomy and Physiology	4
Biol 106	Human Anatomy and Physiology	4
Biol 203	General Biology	5
Biol 204	General Biology	5
Biol 447	Microbiology	4
Chem 131	General Chemistry	5
Chem 132	General Chemistry	5

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Chem 321	Organic Chemistry	5
Chem 322	Organic Chemistry	5
Chem 401	Biochemistry	5
Eng 101	Communication Arts I	3
Eng 102	Communication Arts II	3
Eng 203	Major Themes in Literature	3
Math 106	College Algebra	3
Math 107	Trigonometry and Analytic Geometry	3
Math 120	Single Variable Calculus	5
Math 121	Single Variable Calculus	5
Math 205	Introduction to Statistical Methods	3
(Phys 221-224)		
Phys 221	College Physics	4
Phys 222	College Physics Lab	1
Phys 223	College Physics	4
Phys 224	College Physics Lab	1
OR		
(Phys 230-233)		
Phys 230	General Physics	4
Phys 231	General Physics Lab	1
Phys 232	General Physics	4
Phys 233	General Physics Lab	1
Psyc 101	Introduction to Psychology	3
Soc 201	The Sociological Imagination	3
SpT 100	Speech Fundamentals	3
Hgp 100	Development of Civilization	3
Hgp 111	Development of Civilization	3

Pre-Pharmacy

Adams State College offers pre-professional training to prepare students for admission to pharmacy school. A minimum of two years, but more typically three years, of study is required. Students apply to the pharmacy school(s) of their choice towards the end of the fall semester of their sophomore or junior year. Most pharmacy schools now offer only the Doctor of Pharmacy degree (Pharm.D.), which requires four additional years of study after admission to the pharmacy school. As with all professional schools, admission to pharmacy school is competitive, and students must do well in their courses at ASC in order to gain admission. All pharmacy schools require certain pre-professional courses, which you may take at ASC, and some schools also require applicants to take the Pharmacy College Admission Test (PCAT). Early in your first year at ASC, you should check specific requirements for the pharmacy schools to which you plan to apply and you should meet with the Pre-Pharmacy advisor to help plan an appropriate program of study.

Core science and mathematics courses required for most programs:

Chem 131	General Chemistry and Lab	5
Chem 132	General Chemistry and Lab	5
Chem 321	Organic Chemistry and Lab	5
Chem 322	Organic Chemistry and Lab	5
Biol 203	General Biology and Lab	5
Biol 204	General Biology and Lab	5
Biol 105	Human Anatomy and Physiology and Lab	
OR		
Biol 106a	Human Anatomy and Physiology and Lab	4

Biol 182	Microbiology for Non-Majors and Lab	4
Math 120b	Calculus	5
Phys 221	College Physics	4
Phys 222	College Physics Lab	1

aSome schools require two semesters of anatomy and physiology. Some schools require that the Human Anatomy be cadaver-based, which is not available at ASC.

bStudents who are not prepared to start calculus during their first year should plan to take Math 106 and 107 before Math 120. Some schools require 2 semesters of calculus. Some schools also require Math 205 – Statistics.

cSome schools require 2 semesters of physics. Not all schools require the physics lab.

Other pre-professional courses required for most programs:

Eng 101	Communication Arts I	3
Eng 102	Communication Arts II	3
Econ 256	Principles of Economics II (Micro)	3

Social Science and Humanities electives 9-15

All schools require some degree of proficiency with computer technology.

Pre-Physical Therapy

A physical therapy degree is an advanced degree program offered at selected universities. Currently, most programs are at the master's degree level requiring a bachelor's degree with a minimum g.p.a of 3.0 (average acceptance g.p.a of 3.5) and a GRE score of over 1500 for admission. In addition, most require a minimum number of hours working with a physical therapist. The bachelor's degree may be in any major, but a set of core courses in the sciences and other disciplines is required. Often a list of recommended courses is suggested. You must check with the schools to which you will apply for specific requirements, preferably early in your undergraduate career. This will facilitate scheduling of the required courses along with your major and general education requirements.

Core science and math courses required for most programs:

Biol 105	Human Anatomy and Physiology	4
Biol 106	Human Anatomy and Physiology	4
Biol 203	General Biology	5
Biol 204	General Biology	5
Chem 111	Introductory Chemistry	5
Chem 112	Introductory Chemistry	5
OR*		
Chem 131	General Chemistry	5
Chem 132	General Chemistry	5
Math 106**	College Algebra	3
Math 107**	Trigonometry and Analytic Geometry	3
Phys 221	College Physics	4
Phys 222	College Physics Lab	1
Phys 223	College Physics	4
Phys 224	College Physics Lab	1

Other courses that may be required or recommended:

Biol 125	Nutrition	2
Epls 226	Exercise Physiology	2
Epls 340	Kinesiology	3

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Math 205	Introduction to Statistical Methods	3
Psyc 204	Child Development	3
Psyc 205	Adolescent and Adult Development	3
Psyc 430	Abnormal Psychology	3

*Some schools require General Chemistry instead of Introductory Chemistry.

**Math 106 and 107 are pre- or co-requisites for General Chemistry and College Physics. A sufficiently high score on the mathematics portion of the ACT or SAT may waive these particular math requirements, but you need to take one math course as part of your general education requirements.

Pre-Physician Assistant

Admission to Physician Assistant programs is extremely competitive, roughly equivalent to admission to medical school. Students may seek admission having earned a degree in any of a variety of disciplines, as long as specific courses have been completed as part of the program. The following are the specific course requirements for admission to the University of Colorado Child Health Associate/Physician Assistant Program. We recommend that students complete a B.S. degree in Biology (Cellular and Molecular Biology) and seek consultation with the appropriate advisor. Be aware that some upper-division courses have prerequisites not listed below.

Biol 203	General Biology	5
Biol 204	General Biology	5
Biol 321	Genetics	3
Biol 406	Comparative Animal Physiology	4
Chem 131	General Chemistry	5
Chem 132	General Chemistry	5
Math 205	Introduction to Statistical Methods	3
OR		
Psyc 211	Introduction to Statistics	3
Psyc 101	Introduction to Psychology	3
Psyc 204	Child Development	3
Upper division science (3 additional semester hours)		3
Humanities (not including Eng 101)		12
Upper division semester hours		18

Graduate Record Examination (GRE) and the GRE Writing Assessment are also required.

Pre-Veterinary Medicine

Students should prepare for admittance to professional schools in Veterinary Medicine by completing a B.S. degree in Biology (Cellular and Molecular Biology) or a B.S. degree in Chemistry (Biochemistry) prior to application for veterinary school admission. Veterinary schools, however, often list minimum course requirements for admission. What follows is typical of these minimum course lists. We strongly urge early consultation with the Biology Pre-Veterinary advisor to plan your program. Note that some upper-division courses have prerequisites not listed below.

Biol 203	General Biology	5
Biol 204	General Biology	5
Biol 321	Genetics	3
Biol 323	Cellular Biology	3
Biol 325	Cellular Biology/Genetics Lab	1
Biol 332	Evolution	3

Biol 406	Comparative Animal Physiology	4
Biol 408	Developmental Biology	4
Biol 411	Comparative Anatomy	4
Biol 447	Microbiology	4
Biol 476	Molecular Biology	4
Chem 131	General Chemistry	5
Chem 132	General Chemistry	5
Chem 321	Organic Chemistry	5
Chem 322	Organic Chemistry	5
Chem 401	Biochemistry	5
Eng 101	Communication Arts I	3
Eng 102	Communication Arts II	3
Math 106	College Algebra	3
Math 107	Trigonometry and Analytic Geometry	3
Math 205	Introduction to Statistical Methods	3
Phys 221	College Physics	4
Phys 222	College Physics Lab	1
Phys 223	College Physics	4
Phys 224	College Physics Lab	1
SpT 100	Speech Fundamentals	3

Plus additional, required General Education courses.

Other Health-Related Careers

Recommended curriculum patterns are available from the Allied Health Advisory Committee for hospital administration, pre-podiatry, and pre-chiropractic programs.

Division of Library Science

The Nielsen Library provides for the selection, acquisition, cataloging, classification, storage, and retrieval of information published in a variety of print and non-print formats. The Nielsen Library offers an introductory research course teaching students how to effectively use its resources and services for academic work and lifelong learning.

Nielsen Library Staff

Dianne Machado, Director; Glenda Geu, Systems and Automation Librarian; David Goetzman, Circulation and Cataloging Librarian; Phil Jones, Reference and Instruction Librarian; Debra West, Interlibrary Loan and Reference Librarian; Dianne Koshak, Reference and Government Documents Librarian; Murleen Goodrich, Library Technician; Karen Melgares, Library Technician; Evelyn Rizzi, Library Technician.

Course Catalog: Academic Year 2004-05

Cognate Courses

The following courses are available throughout each discipline as supportive curriculum for designated purposes.

179-579 Special Topics

Available under each prefix. Offered periodically to meet student special interests in the field.

192-592 Workshops

Available under each prefix. Short courses offered on an intermittent basis to meet the needs of special constituents.

199-599 Individual Studies

Available under each prefix. Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair and Assistant Provost for Academic Affairs.

459, 559 Selected Topics

Available under each prefix. A study of selected course material taught off-campus.

469, 569 Educational Issues

Available in each department and designed for staff development and/or in-service credit. Selected educational issues taught off-campus. Subject matter determined by school district needs. Courses may not be used to satisfy program requirements without prior approval.

482, 582 Seminar

Available under each prefix. Selected seminar topics taught off-campus.

489, 589 In-service

Available in each department and designed for staff development and/or in-service credit. In-service topics taught off-campus. Subject matter determined by school district needs. These courses may not be used to satisfy program requirements without prior approval.

Anthropology

ANTH 179 - Special Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

ANTH 192 - Workshops

Credits: 1.00 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

ANTH 199 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

ANTH 201 - Introduction to Anthropology

Credits: 3.00

The course will examine the field of anthropology. The concept of culture will be introduced as an overarching approach to understanding human behavior that draws on the other social and behavioral sciences. Introductory discussions of physical (biological) anthropology, archeology, and anthropological linguistics will precede a more in-depth examination of cultural anthropology.

ANTH 205 - Cultural Anthropology

Credits: 3.00

ANTH 234 - Southwestern Archeology

Credits: 3.00

Development of tribes of the Gran Chichimeca-northern Mexico and southwestern United States.

ANTH 279 - Special Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

ANTH 285 - Folklore and Women

Credits: 3.00

This course focuses on women's folk traditions in terms of life cycle and role, and explores the range of women's occupations and related traditional knowledge. Looks at women as traditional, verbal, visual, or musical artists.

ANTH 292 - Workshop

Credits: 1.00 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

ANTH 299 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

ANTH 320 - Southwestern Indians

Credits: 3.00

Origin, social organization, and relations of southwestern Pueblo and non-Pueblo tribes.

ANTH 379 - Special Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

ANTH 392 - Workshop

Credits: 1.00 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

ANTH 399 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Head.

ANTH 479 - Special Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

ANTH 492 - Workshop

Credits: 1.00 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

ANTH 499 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

Art**AR 103 - Art Appreciation**

Credits: 3.00

Satisfies part of the humanities requirement. An introduction to art appreciation that provides a foundation in the basic concepts, materials, and processes of the visual arts, as well as a brief history of art.

AR 179 - Special Topics

Credits: 1.00 to 3.00

Offered periodically to meet student special interests in the field.

AR 192 - Workshop

Credits: 1.00 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

AR 199 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

AR 206 - Design 2D

Credits: 3.00

A foundation studio course for two-dimensional design fundamentals.

AR 207 - Design/3D

Credits: 3.00

An introduction to three-dimensional design concepts and sculptural form.

AR 208 - Drawing

Credits: 3.00

Develop basic drawing skills using a variety of media and subject matter (models, still lifes, landscapes, etc.). An emphasis on composition, contour, gesture, value, and linear perspective.

AR 220 - Painting

Credits: 3.00

Studio problems exploring characteristics and techniques of painting media with emphasis on color, form, and structure as related to the painting surface.

AR 240 - Fiber

Credits: 3.00

A study of fiber as an art medium, exploring the techniques of weaving, batik, stitchery and papermaking with an emphasis on design.

AR 250 - Sculpture

Credits: 3.00

Introduction to the basic tools and techniques of material manipulation with references to historical precedents as well as contemporary examples.

AR 260 - Beginning Printmaking I

Credits: 3.00

An introduction to basic black and white printmaking techniques using relief, collograph, and intaglio processes.

AR 261 - Beginning Printmaking II

Credits: 3.00

An introduction to basic black and white printmaking techniques using monotype and lithography processes.

AR 270 - Ceramics

Credits: 3.00

Basic techniques of studio ceramics, beginning handbuilding techniques and throwing, materials, slips, oxides, glazing, and firing.

AR 279 - Special Topics

Credits: 1.00 to 3.00

Offered periodically to meet student special interests in the field.

AR 280 - Photography

Credits: 3.00

A foundation course exploring the history and process of black and white photography as a medium for creative expression.

AR 290 - Metalsmithing

Credits: 3.00

Design and construction of ornamental metal emphasizing basic fabrication, surface treatments, forming for jewelry and sculpture.

AR 292 - Workshop

Credits: 1.00 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

AR 299 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

AR 302 - Graphic Communications

Credits: 3.00

A study of the techniques of computer graphic design, intended for non-art majors, concentrating on information design. Students learn PageMaker software and work on design projects such as brochures and newsletters. Students also study social and political issues relating to graphic design.

AR 306 - Design Problems

Credits: 3.00

An advanced design class. Using computer imaging students will study design concepts related to computer graphics, illustration and typography as well as historical traditions in graphic design.

Pre-requisites: AR 206 Minimum Grade: C

AR 308 - Drawing

Credits: 3.00

Emphasizing human anatomy for the artist; development of personal direction and characteristics.

Pre-requisites: AR 208 Minimum Grade: C

AR 309 - Drawing

Credits: 3.00

Emphasizing human anatomy for the artist; development of personal direction and characteristics.

Pre-requisites: AR 208 Minimum Grade: C

AR 310 - Graphic Design

Credits: 3.00

An advanced study of the design relating to the work of the graphic designer. Students learn PhotoShop software and work on advanced design projects such as book and CD covers, posters, corporate identity projects, and package design, etc.

Pre-requisites: AR 302 Minimum Grade: C or AR 306 Minimum Grade: C

AR 311 - Graphic Design

Credits: 3.00

An advanced study of the design relating to the work of the graphic designer. Students learn PhotoShop software and work on advanced design projects such as book and CD covers, posters, corporate identity projects, and package design, etc.

Pre-requisites: AR 302 Minimum Grade: C or AR 306 Minimum Grade: C

AR 316 - Introduction to Art Education

Credits: 3.00

This course is a study of art education as influenced by educational and philosophical developments throughout history as well as an exploration of current art education topics and approaches for teaching art in traditional and non-traditional settings.

AR 320 - Painting

Credits: 3.00

Intermediate study of painting media with emphasis on perceptual abilities and personal expression.

Pre-requisites: AR 220 Minimum Grade: C

AR 321 - Painting

Credits: 3.00

Intermediate study of painting media with emphasis on perceptual abilities and personal expression.

Pre-requisites: AR 220 Minimum Grade: C

AR 334 - Elem School Art Ed Methods

Credits: 3.00

A course designed to explore the theoretical and practical approaches to implementing a program of art education for grades K-6. Emphasis is placed on strategies that will encourage a dis-

cipline-based art education model of instruction. Through hands-on involvement in various art media, students are given opportunities for creative problem solving.

Co-requisites: ED 416, ED 426, ED 429, ED 436, ED 436L

Pre-requisites: AR 316 Minimum Grade: C

AR 335 - Sec School Art Ed Methods

Credits: 3.00

In this advanced course of study, students are given the opportunity to explore more completely those professional practices utilized in the teaching of art in the secondary school. Through hands-on involvement in various media, students are given opportunities for creative problem solving.

Co-requisites: ED 416, ED 426, ED 429, ED 436L

Pre-requisites: AR 334 Minimum Grade: C

AR 340 - Fiber

Credits: 3.00

A further study of the techniques of weaving with emphasis on loom control designs for traditional and loom control patterns.

Pre-requisites: AR 240 Minimum Grade: C

AR 341 - Fiber

Credits: 3.00

A further study of the techniques of weaving with emphasis on loom control designs for traditional and loom control patterns.

Pre-requisites: AR 240 Minimum Grade: C

AR 350 - Sculpture

Credits: 3.00

Continue to build on information regarding the tools and techniques of material manipulation with references to historical precedents as well as contemporary examples.

Pre-requisites: AR 250 Minimum Grade: C

AR 351 - Sculpture

Credits: 3.00

Continue to build on information regarding the tools and techniques of material manipulation with references to historical precedents as well as contemporary examples.

Pre-requisites: AR 250 Minimum Grade: C

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AR 360 - Intermediate Printmaking

Credits: 3.00

Further exploration of printmaking using all processes. Emphasis on composition, media exploration, and color processes.

Pre-requisites: AR 260 Minimum Grade: C or AR 261 Minimum Grade: C

AR 364 - History of Art

Credits: 3.00

Survey of architecture, painting, sculpture, and other visual art forms from prehistoric times through the middle ages.

AR 365 - History of Art

Credits: 3.00

Survey of architecture, painting, sculpture, and other visual art forms of Early Renaissance to the 19th Century and of the East.

AR 366 - History of Art

Credits: 3.00

Survey of architecture, painting, sculpture, and other visual art forms from the 19th century to the present.

AR 367 - Women Artists in Art History

Credits: 3.00

A survey of women artists in the history of art from antiquity to the present.

AR 370 - Ceramics

Credits: 3.00

Problems in utilitarian and non-utilitarian ceramic forms, ceramic materials, glaze composition, and combined techniques in clay.

Pre-requisites: AR 270 Minimum Grade: C

AR 371 - Ceramics

Credits: 3.00

Problems in utilitarian and non-utilitarian ceramic forms, ceramic materials, glaze composition, and combined techniques in clay.

Pre-requisites: AR 270 Minimum Grade: C

AR 379 - Topics in Art

Credits: 1.00 to 3.00

Offered periodically to meet student special interests in the field.

AR 380 - Photography

Credits: 3.00

Continued exploration of photography as an art medium with emphasis on expression and technique and with introductions to color, large format, and non-silver processes.

Pre-requisites: AR 280 Minimum Grade: C

AR 381 - Photography

Credits: 3.00

Continued exploration of photography as an art medium with emphasis on expression and technique and with introductions to color, large format, and non-silver processes.

Pre-requisites: AR 280 Minimum Grade: C

AR 390 - Metalsmithing

Credits: 3.00

Further study in metal manipulation, exploring raising holloware, casting techniques, and stone setting.

Pre-requisites: AR 290 Minimum Grade: C

AR 391 - Metalsmithing

Credits: 3.00

Further study in metal manipulation, exploring raising holloware, casting techniques, and stone setting.

Pre-requisites: AR 290 Minimum Grade: C

AR 392 - Workshop

Credits: 1.00 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

AR 399 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

AR 410 - Drawing

Credits: 3.00

Advanced personal concepts, media experimentation, and aesthetics.

Pre-requisites: AR 309 Minimum Grade: C

AR 422 - Painting

Credits: 3.00

Advanced studio problems, emphasizing perceptual and conceptual abilities and personal expression as related to painting media.

Pre-requisites: AR 321 Minimum Grade: C

AR 423 - Painting

Credits: 3.00

Advanced studio problems, emphasizing perceptual and conceptual abilities and personal expression as related to painting media.

Pre-requisites: AR 321 Minimum Grade: C

AR 442 - Fiber

Credits: 3.00

Advanced loom control techniques with a concentration on weave structure and fabric analysis.

Pre-requisites: AR 341 Minimum Grade: C

AR 443 - Fiber

Credits: 3.00

Advanced loom control techniques with a concentration on weave structure and fabric analysis.

Pre-requisites: AR 341 Minimum Grade: C

AR 452 - Sculpture

Credits: 3.00

Advanced work in diverse materials.

Pre-requisites: AR 351 Minimum Grade: C

AR 453 - Sculpture

Credits: 3.00

Advanced work in diverse materials.

Pre-requisites: AR 351 Minimum Grade: C

AR 462 - Advanced Printmaking I

Credits: 3.00

Emphasis on exploring the unique qualities of all printmaking processes and combining them as a means towards personal expression in the medium.

Pre-requisites: AR 360 Minimum Grade: C

AR 463 - Printmaking

Credits: 3.00

Emphasis on exploring the unique qualities of all printmaking processes and combining them as a means towards personal expression in the medium.

Pre-requisites: AR 360 Minimum Grade: C

AR 472 - Ceramics

Credits: 3.00

Advanced techniques: glaze calculation, kiln design and construction, and individual concepts in clay.

Pre-requisites: AR 371 Minimum Grade: C

AR 473 - Ceramics

Credits: 3.00

Advanced techniques: glaze calculation, kiln design and construction, and individual concepts in clay.

Pre-requisites: AR 371 Minimum Grade: C

AR 479 - Topics in Art

Credits: 1.00 to 3.00

Offered periodically to meet student special interests in the field.

AR 484 - Photography

Credits: 3.00

Advanced problems in photography, including readings in history of photography and explorations toward personal expression.

Pre-requisites: AR 381 Minimum Grade: C

AR 485 - Photography

Credits: 3.00

Advanced problems in photography, including readings in history of photography and explorations toward personal expression.

Pre-requisites: AR 381 Minimum Grade: C

AR 492 - Workshop

Credits: 1.00 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

AR 494 - Metalsmithing

Credits: 3.00

Advanced metal techniques in the production of functional and non-functional forms.

Pre-requisites: AR 391 Minimum Grade: C

AR 495 - Metalsmithing

Credits: 3.00

Advanced metal techniques in the production of functional and non-functional forms.

Pre-requisites: AR 391 Minimum Grade: C

AR 498 - Professional Seminar

Credits: 3.00

Designed to be the academic capstone experience for all students who have majored in art. In addition to satisfactory performance in the classroom, the student must participate in the senior exhibition and take the major field assessment examination. Required of all graduating seniors.

AR 499 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

Bilingual Education

BIED 320 - 1st/2nd Language Acquisition

Co-requisites:

Pre-requisites: BIED 310 Minimum Grade: C and BIED 315 Minimum Grade: C

Biology

BIOL 105 - Human Anatomy & Physiology

Credits: 4.00

A two-semester lecture/laboratory course that uses the body-system approach to study the structure and function of the human body. Recommended for pre-nursing and certain EPLS and allied health programs. Topics include gross anatomy, histology, cell function, regulation of body activities, and pathological changes in disease. Course includes 3 hours of lecture and 2 hours of laboratory per week.

Co-requisites:

BIOL 105L - Human Anatomy & Physiology Lab

Credits: .00

Co-requisites: BIOL 105

BIOL 106 - Human Anatomy & Physiology

Credits: 4.00

A two-semester lecture/laboratory course that uses the body-system approach to study the structure and function of the human body. Recommended for pre-nursing and certain EPLS and allied health programs. Topics include gross anatomy, histology, cell function,

regulation of body activities, and pathological changes in disease. Course includes 3 hours of lecture and 2 hours of laboratory per week.

Co-requisites:

Pre-requisites: BIOL 105 Minimum Grade: C or BIOL 203 Minimum Grade: C

BIOL 106L - Human Anatomy & Physiology Lab

Credits: .00

Co-requisites: BIOL 106

BIOL 112 - Human Anatomy

Credits: 4.00

A lecture/laboratory course that uses the body-system approach to study the structure of the human body. Typically taken by EPLS students. Topics include gross anatomy, histology, the relationship between structure and function, and anatomical changes associated with disease processes. Course includes 3 hours of lecture and 2 hours of laboratory per week.

Co-requisites:

BIOL 112L - Human Anatomy Lab

Credits: .00

Co-requisites: BIOL 112

BIOL 116 - Medical Terminology

Credits: 1.00

Designed to acquaint the beginning student with the more commonly used medical terms. Recommended for pre-allied health programs. Course includes 1 hour of lecture per week.

BIOL 125 - Nutrition

Credits: 2.00

A study of the fundamentals of human nutrition with emphasis on the impact of diet on health. Topics include the chemical nature and physiological roles of nutrient groups, principles of weight control, nutritional requirements at different life stages, eating disorders, food safety, world hunger, and the role of nutrition in the prevention and treatment of disease. Course includes 2 hours of lecture per week.

BIOL 179 - Special Topics

Credits: 1.00 to 5.00

Offered periodically to meet student special interests in the field.

BIOL 182 - Microbiology for Non-Majors

Credits: 4.00

A lecture/laboratory course designed to fulfill requirements for pre-nursing and pre-pharmacy students as a practical introduction to microorganisms, especially bacteria and viruses, and their contribution to human health and disease. Laboratory exercises are designed to provide experience in handling microorganisms, bacterial identification, and other basic principles of microbiology. Course includes 3 hours of lecture and 3 hours of laboratory per week.

Co-requisites:

Pre-requisites: BIOL 105 Minimum Grade: C and BIOL 106 Minimum Grade: C or BIOL 203 Minimum Grade: C and BIOL 204 Minimum Grade: C

BIOL 182L - Microbiology:Non-Majors Lab

Credits: .00

Co-requisites: BIOL 182

Pre-requisites: BIOL 105 Minimum Grade: C and BIOL 106 Minimum Grade: C or BIOL 203 Minimum Grade: C and BIOL 204 Minimum Grade: C

BIOL 192 - Workshop

Credits: 1.00 to 4.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

BIOL 199 - Individual Studies

Credits: 1.00 to 5.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of Department Chair.

BIOL 203 - General Biology

Credits: 5.00

A two-semester lecture/laboratory sequence introducing the fundamental principles of biology at the molecular, cellular, and organismal levels. General Biology is the foundation course for Biology majors and is prerequisite to all 300 and 400 level courses in Biology. Course includes 5 hours of lecture and 2 hours of laboratory per week.

*Co-requisites: BIOL 203L***BIOL 203L - General Biology Lab**

Credits: .00

Co-requisites: BIOL 203

Pre-requisites: BIOL 203 Minimum Grade: D and BIOL 204 Minimum Grade: D and CHEM 131 Minimum Grade: D and CHEM 132 Minimum Grade: D

BIOL 204 - General Biology

Credits: 5.00

A two-semester lecture/laboratory sequence introducing the fundamental principles of biology at the molecular, cellular, and organismal levels. General Biology is the foundation course for Biology majors and is prerequisite to all 300 and 400 level courses in Biology. Course includes 5 hours of lecture and 2 hours of laboratory per week.

*Co-requisites: BIOL 204L**Pre-requisites: BIOL 203 Minimum Grade: C***BIOL 204L - General Biology Lab**

Credits: .00

Co-requisites: BIOL 204

Pre-requisites: BIOL 203 Minimum Grade: D and BIOL 204 Minimum Grade: D and CHEM 131 Minimum Grade: D and CHEM 132 Minimum Grade: D

BIOL 279 - Special Topics

Credits: 1.00 to 5.00

Offered periodically to meet student special interests in the field.

BIOL 292 - Workshop

Credits: 1.00 to 4.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

BIOL 299 - Individual Studies

Credits: 1.00 to 5.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

BIOL 321 - Genetics

Credits: 3.00

A study of Mendelian and molecular genetics of eukaryotes and prokaryotes. Discussions include basic Mendelian principles,

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meiosis/mitosis, linkage, gene expression, and molecular techniques. Course includes 3 hours of lecture and 1 hour of recitation per week.

Pre-requisites: BIOL 203 Minimum Grade: C and BIOL 204 Minimum Grade: C and CHEM 111 Minimum Grade: C and CHEM 112 Minimum Grade: C or CHEM 131 Minimum Grade: C and CHEM 132 Minimum Grade: C

BIOL 323 - Cellular Biology

Credits: 3.00

The study of higher plant and animal cells and tissues at the biochemical level including: organelle structure, function, and metabolic role; cell growth, differentiation, and specialization; and a survey of instrumentation and methodologies for investigating life processes at the biochemical level. Course includes 3 hours of lecture per week.

Co-requisites: BIOL 325

Pre-requisites: BIOL 203 Minimum Grade: C and BIOL 204 Minimum Grade: C and CHEM 111 Minimum Grade: C and CHEM 112 Minimum Grade: C or CHEM 131 Minimum Grade: C and CHEM 132 Minimum Grade: C

BIOL 325 - Cellular Biology/Genetics Lab

Credits: 1.00

Required companion laboratory to be taken concurrently with Biol 321 and Biol 323. Laboratory exercises in this course are designed to demonstrate, complement, and extend concepts considered in Biol 321 and Biol 323. Students will engage in exercises involving a variety of techniques in which data pertinent to both disciplines will be gathered and analyzed. Course includes 3 hours of laboratory per week.

Co-requisites: BIOL 321, BIOL 323

Pre-requisites: BIOL 203 Minimum Grade: C and BIOL 204 Minimum Grade: C and CHEM 111 Minimum Grade: C and CHEM 112 Minimum Grade: C or CHEM 131 Minimum Grade: C and CHEM 132 Minimum Grade: C

BIOL 330 - Ecology

Credits: 4.00

An introduction to major ecological concepts and models at the levels of individuals, populations, communities, and ecosystems. The laboratory includes laboratory and field exercises, and an introduction to data collection and

analysis. Course includes 3 hours of lecture and 3 hours of laboratory per week.

in one of the following Class(es):

Freshman

Co-requisites:

Pre-requisites: BIOL 203 Minimum Grade: C and BIOL 204 Minimum Grade: C

BIOL 330L - Animal Ecology Lab

Credits: .00

Co-requisites: BIOL 330

Pre-requisites: BIOL 203 Minimum Grade: C and BIOL 204 Minimum Grade: C

BIOL 332 - Evolution

Credits: 3.00

A study of the history and development of evolutionary theory. Consideration is given to evidence for and mechanisms of evolution from anatomical, developmental, geological, mathematical, and molecular perspectives. Course includes 3 hours of lecture per week.

Pre-requisites: BIOL 203 Minimum Grade: C and BIOL 204 Minimum Grade: C and BIOL 321 Minimum Grade: C

BIOL 379 - Special Topics

Credits: 1.00 to 5.00

Offered periodically to meet student special interests in the field.

BIOL 392 - Workshop

Credits: 1.00 to 4.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

BIOL 399 - Individual Studies

Credits: 1.00 to 5.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

BIOL 404 - Physiological Zoology

Credits: 3.00

Consideration of structural, functional, and behavioral aspects of physiological mechanisms within an ecological context. Adaptations of animals in response to common, changing, and/or extreme environmental stresses will be emphasized at both proximate and ultimate lev-

els of inquiry. Course includes 3 hours of lecture per week and is offered during spring term of odd-numbered years.

Pre-requisites: BIOL 321 Minimum Grade: C and BIOL 323 Minimum Grade: C and BIOL 325 Minimum Grade: C and BIOL 330 Minimum Grade: C and BIOL 332 Minimum Grade: C

BIOL 406 - Comparative Animal Physiology

Credits: 4.00

A lecture and laboratory course in which physiological principles common to all major animal phyla are discussed. Consideration of function ranges from biochemical to organismal levels and the comparative method is emphasized in the examination of physiological adaptations required to live in a variety of environments. Course includes 3 hours of lecture and 3 hours of laboratory per week and is offered during spring term of even-numbered years.

Pre-requisites: BIOL 321 Minimum Grade: C and BIOL 323 Minimum Grade: C and BIOL 325 Minimum Grade: C and BIOL 330 Minimum Grade: C and BIOL 332 Minimum Grade: C and CHEM 321 Minimum Grade: C and CHEM 322 Minimum Grade: C

BIOL 408 - Developmental Biology

Credits: 4.00

A lecture and laboratory exploration of the principles of cellular differentiation, morphogenesis, and development with emphasis on underlying genetic mechanisms. Course includes 3 hours of lecture and 3 hours of laboratory per week.

Co-requisites:

Pre-requisites: BIOL 321 Minimum Grade: C and BIOL 323 Minimum Grade: C and BIOL 325 Minimum Grade: C and BIOL 330 Minimum Grade: C and BIOL 332 Minimum Grade: C

BIOL 411 - Comparative Anatomy

Credits: 4.00

An integrated lecture/laboratory investigation of the anatomy and functional morphology of the major groups of chordates and vertebrates with emphasis on the comparative method, anatomical changes through evolutionary history, and inferential reconstruction of phyletic

evolutionary descent. Course includes 3 hours of lecture and 3 hours of laboratory per week and is offered during fall term of odd-numbered years.

Pre-requisites: BIOL 321 Minimum Grade: C and BIOL 323 Minimum Grade: C and BIOL 325 Minimum Grade: C and BIOL 330 Minimum Grade: C and BIOL 332 Minimum Grade: C

BIOL 417 - Vascular Plant Systematics

Credits: 4.00

A study of the vascular plants, including taxonomy and identification, reproduction, evolution, ecological relations, collection, and preservation. Course includes 3 hours of lecture and 3 hours of laboratory per week and is offered during fall term of odd-numbered years.

Pre-requisites: BIOL 321 Minimum Grade: C and BIOL 323 Minimum Grade: C and BIOL 325 Minimum Grade: C and BIOL 330 Minimum Grade: C and BIOL 332 Minimum Grade: C

BIOL 418 - Plant Morphology/Anatomy

Credits: 4.00

A study of the morphology, reproduction, taxonomy, and ecological relations of terrestrial plants from mosses to flowering plants and a critical examination of the anatomy of the seed plants. Course includes 3 hours of lecture and 3 hours of laboratory per week and is offered during spring term of even-numbered years.

Pre-requisites: BIOL 321 Minimum Grade: C and BIOL 323 Minimum Grade: C and BIOL 325 Minimum Grade: C and BIOL 330 Minimum Grade: C and BIOL 332 Minimum Grade: C

BIOL 423 - Plant Physiology

Credits: 4.00

A study of the mechanisms of plant function throughout development from seeds through reproduction. This course includes consideration of metabolism (photosynthesis, respiration, mineral nutrition), water relations, gas exchange, and developmental growth in response to hormones. An integrated laboratory component requires an independently researched project. Course includes 3 hours of lecture and 3 hours of laboratory per week and

is offered during fall term of even-numbered years.

Pre-requisites: BIOL 321 Minimum Grade: C and BIOL 323 Minimum Grade: C and BIOL 325 Minimum Grade: C and BIOL 330 Minimum Grade: C and BIOL 332 Minimum Grade: C

BIOL 430 - Plant Ecology

Credits: 4.00

A study of the physiological mechanisms underlying plant responses to abiotic and biotic constraints. Topics will include the function of plants and plant communities in relation to soils, climate, other plants, animals, and human activity. Course includes 3 hours of lecture and 3 hours of laboratory/field exercises per week and is offered during spring term of odd-numbered years.

Pre-requisites: BIOL 321 Minimum Grade: C and BIOL 323 Minimum Grade: C and BIOL 325 Minimum Grade: C and BIOL 330 Minimum Grade: C and BIOL 332 Minimum Grade: C

BIOL 441 - Invertebrate Zoology

Credits: 4.00

A survey of the major groups of invertebrate animals from the Protozoa through Chordata with emphasis on anatomy, ecology, evolution, physiology, and taxonomy. Relationships will be demonstrated through study of selected invertebrate types, including marine, freshwater, and terrestrial species. Course includes 3 hours of lecture and 3 hours of laboratory per week and is offered during fall term of even-numbered years.

Pre-requisites: BIOL 321 Minimum Grade: C and BIOL 323 Minimum Grade: C and BIOL 325 Minimum Grade: C and BIOL 330 Minimum Grade: C and BIOL 332 Minimum Grade: C

BIOL 447 - Microbiology

Credits: 4.00

The study of bacteria, fungi, protozoans, and viruses with emphasis on their morphology, physiology, and medical and ecological interactions with human populations. Laboratory exercises are designed to provide experience in handling microorganisms, identification of

bacteria, isolation/titration of bacteriophages, and other basic principles of microbiology. Course includes 3 hours of lecture and 3 hours of laboratory per week.

Pre-requisites: BIOL 321 Minimum Grade: C and BIOL 323 Minimum Grade: C and BIOL 325 Minimum Grade: C and BIOL 330 Minimum Grade: C and BIOL 332 Minimum Grade: C

BIOL 451 - Endocrinology

Credits: 3.00

The study of the production, regulation, and function of classical hormones and paracrine regulatory molecules. Emphasis will be placed on human endocrinology, but the material will also include discussions of the evolution of hormone families and comparisons between species. Class activities will include histological study of endocrine tissue, videos of hormonal action, analysis of experiments in journal articles and discussions of medical case histories. Course includes 3 hours of lecture per week and is offered during the fall term of even-numbered years.

Pre-requisites: BIOL 321 Minimum Grade: C and BIOL 323 Minimum Grade: C and BIOL 325 Minimum Grade: C and BIOL 330 Minimum Grade: C and BIOL 332 Minimum Grade: C

BIOL 460 - Ornithology

Credits: 3.00

An integrated lecture and laboratory course covering the major taxonomic groups of birds, their ecology, evolutionary relationships, fossil history, identification, and unique aspects of their anatomy, behavior and physiology. Lecture topics are supplemented with laboratory and field identification, and preparation of museum specimens. Course includes 3 hours of lecture per week and is offered during spring term of odd-numbered years. Additional laboratory/field exercises are required.

Pre-requisites: BIOL 321 Minimum Grade: C and BIOL 323 Minimum Grade: C and BIOL 325 Minimum Grade: C and BIOL 330 Minimum Grade: C and BIOL 332 Minimum Grade: C

BIOL 461 - Entomology

Credits: 3.00

Biology of the insects with emphasis on anatomy, physiology, natural history, life cycles, evolution, and identification of major groups. Collection of local species required. Students should meet with instructor during spring or summer prior to enrolling. Course includes 3 hours of lecture per week and is offered during fall term of odd-numbered years. Additional laboratory/field exercises are required.

Pre-requisites: BIOL 321 Minimum Grade: C and BIOL 323 Minimum Grade: C and BIOL 325 Minimum Grade: C and BIOL 330 Minimum Grade: C and BIOL 332 Minimum Grade: C

BIOL 463 - Ichthyology

Credits: 3.00

An integrated lecture and laboratory course covering the major taxonomic groups of fishes, their ecology, evolutionary relationships, fossil history, identification, and unique aspects of their anatomy, behavior and physiology. Course includes 3 hours of lecture per week and is offered during fall term of odd-numbered years. Additional laboratory/field exercises are required.

Pre-requisites: BIOL 321 Minimum Grade: C and BIOL 323 Minimum Grade: C and BIOL 325 Minimum Grade: C and BIOL 330 Minimum Grade: C and BIOL 332 Minimum Grade: C

BIOL 464 - Mammalogy

Credits: 3.00

An integrated lecture and laboratory course covering the major taxonomic groups of mammals, their ecology, evolutionary relationships, fossil history, identification, and unique aspects of their anatomy, behavior and physiology. Course includes 3 hours of lecture per week and is offered during spring term of even-numbered years. Additional laboratory/field exercises are required.

Pre-requisites: BIOL 321 Minimum Grade: C and BIOL 323 Minimum Grade: C and BIOL 325 Minimum Grade: C and BIOL 330 Minimum Grade: C and BIOL 332 Minimum Grade: C

BIOL 467 - Wildlife Management

Credits: 2.00

Study of the ecological foundation, historical development, techniques, and current perspectives and problems in wildlife management. Course includes 2 hours of lecture per week and is offered during fall term of even-numbered years.

Pre-requisites: BIOL 321 Minimum Grade: C and BIOL 323 Minimum Grade: C and BIOL 325 Minimum Grade: C and BIOL 330 Minimum Grade: C and BIOL 332 Minimum Grade: C

BIOL 469 - Fisheries Management

Credits: 2.00

A study of the ecological foundation, historical development, techniques, and current perspectives and problems in inland fisheries management. Emphasis will be on the application of scientific management of fishes, their habitats, and managing human use of inland fisheries. Fisheries Management does not include a separate laboratory section, but will include various field trips to give students the opportunity to observe and apply management techniques discussed in class. Course includes 2 hours of lecture per week and is offered during fall term of odd-numbered years.

Pre-requisites: BIOL 321 Minimum Grade: C and BIOL 323 Minimum Grade: C and BIOL 325 Minimum Grade: C and BIOL 330 Minimum Grade: C and BIOL 332 Minimum Grade: C

BIOL 471 - Herpetology

Credits: 3.00

An integrated lecture and laboratory course covering the major taxonomic groups of amphibians and reptiles, their ecology, evolutionary relationships, fossil history identification, and unique aspects of their anatomy, behavior and physiology. Course includes 3 hours of lecture per week and is offered during fall term of even-numbered years. Additional laboratory/field exercises are required.

Pre-requisites: BIOL 321 Minimum Grade: C and BIOL 323 Minimum Grade: C and BIOL 325 Minimum Grade: C and BIOL 330 Minimum Grade: C and BIOL 332 Minimum Grade: C

BIOL 476 - Molecular Biology

Credits: 4.00

An introduction to the study of nucleic acids, genomes and molecular mechanisms with emphasis on genome organization, gene expression, and the techniques used in the study of molecular biology. Laboratory exercises will include standard methodologies such as restriction mapping, cloning, hybridization, DNA libraries, and PCR. Course includes 3 hours of lecture and 4 hours of laboratory per week.

Lecture: 4.00

College: Science, Math, & Technology

Department: Biology

Pre-requisites: BIOL 321 Minimum Grade: C and BIOL 323 Minimum Grade: C and BIOL 325 Minimum Grade: C and BIOL 330 Minimum Grade: C and BIOL 332 Minimum Grade: C and CHEM 401 Minimum Grade: C

BIOL 479 - Special Topics

Credits: 1.00 to 5.00

Offered periodically to meet student special interests in the field.

BIOL 492 - Workshop

Credits: 1.00 to 4.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

BIOL 493 - Thesis I

Credits: 1.00

First in a series of two capstone courses for Biology majors designed to review and synthesize their biological background. Course includes the preparation of an independent research paper, or formal literature review of a selected topic in biology. Emphasis is on writing as a process and effective peer review. Course includes 2 hours of lecture per week.

Pre-requisites: BIOL 321 Minimum Grade: C and BIOL 323 Minimum Grade: C and BIOL 325 Minimum Grade: C and BIOL 330 Minimum Grade: C and BIOL 332 Minimum Grade: C

BIOL 494 - Thesis II

Credits: 1.00

Second in a series of two capstone courses for Biology majors designed to review and synthesize their biological background. Development

of oral presentation skills is emphasized. Students will prepare and deliver several short oral presentations as well as one formal seminar on a biological topic. Course includes 2 hours of lecture per week.

Pre-requisites: BIOL 493 Minimum Grade: C

BIOL 499 - Individual Studies

Credits: 1.00 to 5.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

Business**BUS 103 - Introduction to Business**

Credits: 3.00

An overview of business and economics for the non-major, and a first step for all business majors. The course both defines and applies the fundamental principles of economics, management, marketing, management information systems (MIS), accounting and finance, including personal finance.

BUS 114 - Personal Finance

Credits: 3.00

An introductory course designed to expose students to practical means of making decisions on a host of financial dilemmas: banking, budgeting, consumer protection laws, credit, housing, insurance, interest, investments, and retirement.

BUS 120 - Bus Computer Applications I

Credits: 3.00

The focus of this course is to provide first and second year students with the computer and information system skills to support computer requirements for the School of Business program and meet essential business career demands. The course will cover an introduction to computers and information system technologies. In addition, the goal of the course is to learn basic skills in the Windows operating system, Internet essentials, and Microsoft Office.

BUS 179 - Special Topics

Credits: 1.00 to 3.00

Offered periodically to meet student special interests in the field.

BUS 192 - Workshops

Credits: 1.00 to 3.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

BUS 199 - Individual Studies

Credits: 1.00 to 3.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

BUS 207 - Introduction to Accounting I

Credits: 3.00

Course begins with necessary bookkeeping skills for recording simple financial transactions and preparing basic financial statements. Theory behind accounting rules is emphasized so the student can apply knowledge gained to ever changing real-world situations.

BUS 208 - Introduction to Accounting II

Credits: 3.00

Continuation of Bus 207. Covers accounting for capital provided through the partnership and corporate forms of business enterprise. At the conclusion of this course, the student will be able to read and interpret the three principal financial statements: the income statement, balance sheet, and statement of changes in financial position. Topics related to managerial accounting also covered.

Pre-requisites: BUS 207 Minimum Grade: C

BUS 211 - Business Law

Credits: 3.00

Study of the legal principles pertaining to contracts, agency, negotiable instruments, corporations, partnerships, and government regulations. Research of actual cases is required.

BUS 265 - Business Communications

Credits: 3.00

Lab/discussion atmosphere. Focused on improving student skills in reading, writing and oral presentation. Improving student skills in understanding and communicating in an increasingly diverse global environment. Using communication theory, psychology, and business skills to improve student verbal and non-verbal listening skills.

BUS 279 - Special Topics

Credits: 1.00 to 3.00

Offered periodically to meet student special interests in the field.

BUS 292 - Workshop

Credits: 1.00 to 3.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

BUS 299 - Individual Studies

Credits: 1.00 to 3.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

BUS 304 - Principles of Marketing

Credits: 3.00

Description and analysis of the marketing mix variables (Price, Place, Product, Promotion). Study of the various institutions involved in marketing. Emphasis on the methods available to marketers for building long-term relationships with customers. The importance of a customer perspective is stressed.

Pre-requisites: BUS 103 Minimum Grade: C

BUS 305 - Intermediate Accounting I

Credits: 4.00

Study of assets and liabilities with particular emphasis on problems of measurement and the resultant effect on income and on problems of financial statement presentation. Exploration of authoritative literature in the field is a significant element. Term paper required.

Pre-requisites: BUS 207 Minimum Grade: C and BUS 208 Minimum Grade: C

BUS 306 - Intermediate Accounting II

Credits: 4.00

Study of assets and liabilities with particular emphasis on problems of measurement and the resultant effect on income and on problems of financial statement presentation. Exploration of authoritative literature in the field is a significant element. Term paper required.

Pre-requisites: BUS 305 Minimum Grade: C

BUS 307 - Managerial Cost Accounting I

Credits: 3.00

Principles and methods of recording and interpreting cost data. Major emphases on developing accounting information for planning, control, and decision making.

Pre-requisites: BUS 208 Minimum Grade: C

BUS 308 - Managerial Cost Accounting II

Credits: 3.00

Principles and methods of recording and interpreting cost data. Major emphases on developing accounting information for planning, control, and decision making.

Pre-requisites: BUS 307 Minimum Grade: C

BUS 309 - Secretarial Procedures

Credits: 4.00

Topics include records management, machine transcription, word processing, office simulations, reprographics, mailing, stenograph, and supervised work experience.

BUS 313 - Meth of Teaching Bus Education

Credits: 3.00

Topics include high school business curriculum, high school business student organizations, distributive education, cooperative office education, vocational certification, business textbook catalogs, equipment, and classroom techniques using learning styles and multimedia methods. Students must take this course concurrently with courses in the senior block in education prior to the student teaching semester. These courses include: ED 416, ED 426, ED 429, ED 436, and ED 436L.

Pre-requisites: BUS 120 Minimum Grade: C and BUS 207 Minimum Grade: C and BUS 208 Minimum Grade: C

BUS 315 - Sales and Sales Management

Credits: 3.00

This course is designed to introduce students to management techniques as they relate specifically to the marketing and sales areas. Topics covered include: the selling process, compensation systems, motivation and leadership, time and territory management, sales forecasting, quotas, and evaluating the sales force.

Pre-requisites: BUS 304 Minimum Grade: C

BUS 318 - Business Statistics

Credits: 3.00

Provides a basic understanding of the fundamental principles with emphasis on the application of statistical techniques to the analysis and solution of real business problems.

Pre-requisites: MATH 104 Minimum Grade: C or MATH 107 Minimum Grade: C

BUS 320 - Bus Computer Applications II

Credits: 3.00

The focus of this course is to explore application software on a comprehensive level to gain expertise to support decision-making and manage information. Study includes intermediate Word and Excel applications; intermediate to advanced PowerPoint; intermediate Access, integration of Office applications, and an introduction to HTML and building web pages.

Pre-requisites: BUS 120 Minimum Grade: C

BUS 323 - Computerized Accounting

Credits: 1.00

Designed to develop student's basic and applied understanding of accounting information systems. Emphasis placed on obtaining hands-on experience with a computer and familiarity with a number of accounting software programs.

Pre-requisites: BUS 207 Minimum Grade: C

BUS 324 - Data Communica & Networking

Credits: 3.00

This class deals with the design, installation, and management of local area networks (LANs) as well as inter-networking techniques. Includes hands-on experience in setting up commonly used networks: Novell Netware, Windows NT, and Unix. Provides excellent preparation for those seeking Networks + Certification.

Pre-requisites: BUS 320 Minimum Grade: C

BUS 330 - Bus Programming w/Visual Basic

Credits: 3.00

Database Programming with Visual Basic.NET. Includes: Object-oriented and event-driven programming, graphical user interfaces, linking to and manipulating relational databases, developing Win32 and web-based applications.

Pre-requisites: BUS 320 Minimum Grade: C

BUS 335 - Consumer Behavior

Credits: 3.00

Study of consumer behavior as it relates to the marketing functions. Emphasis on the models of consumer behavior and their applications to practical marketing problems.

Pre-requisites: BUS 304 Minimum Grade: C

BUS 340 - Web Design and Development

Credits: 3.00

The role of Internet technologies in business environments. Includes hands-on projects in setting up business web sites and developing web content using HTML/XHTML/XML, Javascript, ASP.NET, and Dreamweaver/Fireworks MX.

Pre-requisites: BUS 320 Minimum Grade: C

BUS 345 - Advertising

Credits: 3.00

Discusses the history, purposes, and regulations of the advertising industry. Topics covered include creative principles, media advantages and disadvantages, media planning, regulation of advertising, and coordination with other promotion activities.

Pre-requisites: BUS 304 Minimum Grade: C

BUS 350 - Business Relational Databases

Credits: 3.00

The pivotal role of Relational Database Management Systems (RDBMS) in business computing environments. Includes database design, development, and the universal language of relational databases SQL. Hands-on experience is provided with ORACLE and MS SQL SERVER databases running on Windows 2000/XP.

Pre-requisites: BUS 320 Minimum Grade: C

BUS 355 - Fundamentals of Income Tax

Credits: 4.00

Study of federal income tax on individual and property transactions. Objectives of taxation given major emphasis. The Internal Revenue Code is discussed in addition to the text in order to acquaint the student with the ultimate source of tax law. Income tax return problems and tax cases may be assigned to provide practical application of the tax law.

Pre-requisites: BUS 208 Minimum Grade: C and ECON 255 Minimum Grade: C

BUS 356 - Retailing

Credits: 3.00

Study of marketing and management problems faced in the operation of a retail business. Emphasis is given to techniques for solving problems in location, management, and merchandising, especially with the integration of Internet retailing (E-Tailing) as both a competitor and an extension of the storefront business.

Pre-requisites: BUS 304 Minimum Grade: C

BUS 360 - Govt & Institution Accounting

Credits: 3.00

Study of accounting procedures related to governmental units and nonprofit institutions.

Pre-requisites: BUS 208 Minimum Grade: C

BUS 361 - Principles of Management

Credits: 3.00

Explores theory and practice of managing an organization and its personnel with emphasis on planning, designing, and controlling to meet the needs of modern public or private organizations. Includes emerging trends and international issues.

BUS 362 - Human Resource Management

Credits: 3.00

Analysis of techniques used to organize, motivate, and manage personnel in public or private organizations. Includes case studies and examines current literature and the current legal environment.

Pre-requisites: BUS 361 Minimum Grade: C

BUS 363 - Managerial Finance

Credits: 3.00

Bus 318 recommended. Illustrates the ways finance and financial management are utilized in successfully managing a modern business enterprise. Considerable emphasis placed on financial planning and forecasting, management of short- and long-term assets, and the firm's capital structure and cost of capital.

Pre-requisites: BUS 208 Minimum Grade: C and ECON 255 Minimum Grade: C and ECON 256 Minimum Grade: C

BUS 365 - Small Business Management

Credits: 3.00

Practical analysis of problems faced by a small business with emphasis on techniques of starting, financing, and managing for successful operation. Business plan required.

Pre-requisites: BUS 207 Minimum Grade: C and BUS 208 Minimum Grade: C and BUS 304 Minimum Grade: C and BUS 361 Minimum Grade: C

BUS 370 - Managing and Maintaining PC's

Credits: 3.00

A thorough, step-by-step, hands-on, approach in dealing with the fundamentals of installing, upgrading, troubleshooting, and maintaining personal computers. Provides excellent preparation for those seeking CompTIA's A+ Certification.

Pre-requisites: BUS 320 Minimum Grade: C

BUS 371 - Secretarial Computer Practicum

Credits: 3.00

Advanced training in computerized word processing, electronic filing, and other software application. Continuous development of skill and proficiency.

BUS 373 - Investment Analysis

Credits: 3.00

Bus 318 recommended. The course is a study of personal investment planning, traditional and alternative investment vehicles, investment media, investment strategy, and portfolio analysis. The student will become familiar with both money market and capital investment markets as well as strategies for assessing returns and risks of various security instruments.

Pre-requisites: BUS 208 Minimum Grade: C and BUS 363 Minimum Grade: C and ECON 255 Minimum Grade: C

BUS 379 - Special Topics

Credits: 1.00 to 3.00

Offered periodically to meet student special interests in the field.

BUS 381 - Business Internship I

Credits: 1.00 to 3.00

Junior standing and approval of the department chair required. The internships are planned,

meaningful work experiences that are academic in nature. Supervision consists of a site supervisor who is a qualified professional in the business or organization where the internship is arranged and a faculty sponsor who is a full-time professor in the School of Business, usually from the student's major. The site supervisor evaluates the work performed by the student on the job. The faculty sponsor is responsible for maintenance of academic quality and assigns hours. The course grade. (30 contact hours=1 credit hour) Variable 1-3 hours.

BUS 383 - Internat'l Financial Mgmt

Credits: 3.00

Provides students with the fundamentals of the international financial environment and international financial markets. The emphasis will be on managerial perspectives such as export and import, financing techniques, exchange rate risk management, and issues arising in the financing of foreign affiliates.

Pre-requisites: BUS 363 Minimum Grade: C

BUS 385 - Sports Marketing

Credits: 3.00

Illustrates the dynamic, progressive and influential nature of sports marketing. Explores the sport marketing concept as a consumer-driven, integrated, goal-oriented philosophy for a team, event, organization or athlete. Topics covered include: athletic endorsements, team sports, event sponsorships and alternative sports.

BUS 386 - Real Estate Principles

Credits: 4.00

Broad analysis of real estate investment principles, including appraisal, management, finance, tax considerations, and closings. Partially satisfies requirements to sit for State Licensing exam.

Pre-requisites: BUS 211 Minimum Grade: C

BUS 387 - Colorado Real Estate Princip

Credits: 3.00

Provide an in-depth understanding of Colorado peculiar real estate law including State approved contracts for the listing and sale of property, the uniqueness of being legally able to prepare legal documents associated with the

closing of the sale of property, and to complete the students preparation to sit for the Colorado Real Estate Licensing exam. Additionally, to provide the student with an overall understanding of real property ownership as it applies to real life situations that almost all students will encounter after graduation.

Pre-requisites: BUS 386 Minimum Grade: C

BUS 392 - Workshops

Credits: 1.00 to 3.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

BUS 399 - Individual Studies

Credits: 1.00 to 4.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

BUS 401 - Organizational Behavior

Credits: 3.00

Participants in the course will explore the theory of human relations in organizations. The emphasis will be on the application of behavioral science knowledge to contemporary organizational issues, which may include individual and group dynamics, motivation, leadership, organizational structure, morale, power, labor-management behavior, organizational change, and development.

Pre-requisites: BUS 361 Minimum Grade: C

BUS 404 - Advanced Business Statistics

Credits: 3.00

Involves in-depth study of analysis of variance and takes up topics of correlation, multiple regression, and statistical designs as they relate to business problems.

Pre-requisites: BUS 318 Minimum Grade: D

BUS 405 - Advanced Accounting

Credits: 4.00

Bus 405 involves preparation and study of the need for consolidated financial statements. Additionally, it examines accounting problems associated with partnerships and foreign currency transactions.

Pre-requisites: BUS 306 Minimum Grade: C

BUS 407 - Auditing I

Credits: 3.00

Study of ethical standards, auditing standards, audit procedures, and evolution of internal control to learn how financial statements are examined and audit reports prepared.

Pre-requisites: BUS 305 Minimum Grade: C and BUS 306 Minimum Grade: C and BUS 318 Minimum Grade: C

BUS 408 - Auditing II

Credits: 3.00

Course content includes application of auditing concepts and theory covered in Auditing I. Students will apply auditing concepts and techniques to the performance of an audit. Topics covered include completing working papers and audit programs, answering review notes, and preparing audit reports.

Pre-requisites: BUS 407 Minimum Grade: C

BUS 410 - Office Management

Credits: 3.00

Analysis of principles, problems, and methods of scientific office management. Study of management information systems.

Pre-requisites: BUS 370 Minimum Grade: D

BUS 411 - Information & Records Mgmt

Credits: 3.00

Furnishes guidelines for the establishment, implementation, and maintenance of manual and computerized records control programs in all types of organizations from small, individually-owned businesses to large corporations, as well as governmental units at the local, state, regional, and national levels.

Pre-requisites: BUS 120 Minimum Grade: C

BUS 414 - Commercial Banking

Credits: 3.00

Explores function and role of commercial banks, including operation, loan policies, security instruments, and socioeconomic impact.

Pre-requisites: BUS 207 Minimum Grade: C and BUS 211 Minimum Grade: C and ECON 255 Minimum Grade: C

142 Course Offerings

BUS 416 - Business Financial Problems

Credits: 3.00

General examination of financial problems faced by business firms with the purpose of developing integrated theories of financial policy at the firm level. Case studies used extensively.

Pre-requisites: BUS 363 Minimum Grade: C

BUS 418 - Advanced Management Seminar

Credits: 3.00

Senior status required. Use of case studies and readings in current management literature to analyze the process of making decisions and setting policies for modern organizations.

Pre-requisites: BUS 361 Minimum Grade: C and BUS 362 Minimum Grade: C

BUS 419 - Current Topics in Management

Credits: 3.00

Surveys current management issues in a competitive and rapidly changing business environment that more than ever is: challenged by global opportunities and threats; concerned with families and quality of work life; confronted by legal and ethical dilemmas; connected by technology; consumer oriented to provide high quality goods and services at low prices.

BUS 425 - Systems Analysis and Design

Credits: 3.00

The analysis, design, and development of modern client/server and web-based business applications. Hands-on experience includes developing three-tier web-based e-commerce applications using object-oriented concepts and Microsoft.NET servers and technologies.

Pre-requisites: BUS 320 Minimum Grade: C

BUS 430 - Production & Operations Mgmt

Credits: 3.00

Application of managerial decision making techniques. Covers forecasting, inventory models, linear programming, facility layout and the Transportation Model, process selection and capacity planning, design of work systems, location planning, quality control, scheduling, and project management. Available computer package utilized to solve related problems.

Pre-requisites: BUS 318 Minimum Grade: C and MATH 104 Minimum Grade: C

BUS 441 - International Marketing

Credits: 3.00

An advanced course in marketing covering the adaptations needed when marketing outside national boundaries. Includes discussions of cultures; product and marketing modifications necessary in a variety of situations; and study of various world regions and their consumption, terrain, demographics, and geographics as they influence marketing practices.

Pre-requisites: BUS 304 Minimum Grade: C

BUS 448 - Direct Marketing

Credits: 3.00

Focuses on relationship marketing, interactive marketing, integration of consumer data, Internet marketing (E-commerce), media advertising, catalogs, mailing lists, telemarketing, and the use of direct marketing techniques to replace or enhance the traditional marketing methods of retail and direct sales.

Pre-requisites: BUS 304 Minimum Grade: C

BUS 450 - Services Marketing

Credits: 3.00

The economy of the U.S., as well as much of the world economy is dominated by services. Service organizations require a distinctive approach to marketing strategy-- both in development and execution. This distinctive approach requires expansion of ideas from other marketing courses to make them specifically applicable to services marketing.

Pre-requisites: BUS 304 Minimum Grade: C

BUS 454 - Market Research & Information

Credits: 3.00

Study of the theory and methods used in marketing research to address marketing problems. May include the completion of a research project where students learn by performing a research project from problem formulation to writing a research report. Also prepares the students for evaluating research performed by others.

Pre-requisites: BUS 304 Minimum Grade: C and BUS 318 Minimum Grade: C

BUS 455 - Advanced Income Taxation

Credits: 4.00

Concentrates on the federal income tax conse-

quences of the formation, normal operation, and the dissolution of corporations, partnerships, and fiduciaries. Other taxation problems of special interest may be covered.

Pre-requisites: BUS 355 Minimum Grade: C

BUS 460 - Marketing Management

Credits: 3.00

12 hours of marketing courses and senior status required. Capstone course in marketing. Study of the problems faced by marketing managers as they make decisions and develop policies.

Pre-requisites: BUS 454 Minimum Grade: C

BUS 465 - Using Unix/Linux in Business

Credits: 3.00

Unix is the most popular platform for hosting business relational databases and Web sites. This course will include hands-on installation and configuration of the operating system using the popular RedHat Linux, as well as setting up Unix boxes as network and web servers. Included is coverage of common Unix utilities and Unix shell programming.

Pre-requisites: BUS 320 Minimum Grade: C

BUS 466 - Business Ethics

Credits: 3.00

Explores and puts into perspective the ethical role of business institutions and governments. Emphasizes the need to examine the world of work from an ethical viewpoint.

BUS 471 - Intermediate Accounting III

Credits: 4.00

Study of assets and liabilities with particular emphasis on problems of measurement and the resultant effect on income and on problems of financial statement presentation. Exploration of authoritative literature in the field is a significant element.

Pre-requisites: BUS 306 Minimum Grade: C

BUS 472 - CPA Review

Credits: 3.00

Review of accounting theory, practice, and auditing for individuals preparing to sit for the CPA examination.

Pre-requisites: BUS 306 Minimum Grade: D

BUS 479 - Special Topics

Credits: 1.00 to 3.00

Offered periodically to meet student special interests in the field.

BUS 480 - Business Policy

Credits: 3.00

Senior status required. Designed to help students understand planning activities, determination of alternatives, policy formulation, execution of plans, development of corporate company strategy as currently used by business enterprises. Involves extensive case study.

Pre-requisites: BUS 207 Minimum Grade: C and BUS 208 Minimum Grade: C and BUS 304 Minimum Grade: C and BUS 361 Minimum Grade: C and BUS 363 Minimum Grade: C and ECON 255 Minimum Grade: C

BUS 481 - Business Internship II

Credits: 1.00 to 3.00

Senior standing and approval of the Department Chair required. The internships are planned, meaningful work experience that are academic in nature. Supervision consists of a site supervisor who is a qualified professional in the business or organization where the internship is arranged and a faculty sponsor who is a full-time professor in the School of Business, usually from the student's major. The site supervisor evaluates the work performed by the student on the job. The faculty sponsor is responsible for maintenance of academic quality and assigns the course grade (30 contact hours=1 credit hour) Variable 1-3 hours.

BUS 491 - Business Consulting

Credits: 3.00

Under close supervision of faculty members, student provides comprehensive assistance to business for problem solving or developing alternative course of action. Particular area of emphasis chosen to maximize professional growth of student and application of acquired knowledge.

BUS 492 - Workshops

Credits: 1.00 to 3.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

BUS 493 - Bus Intern-Secretarial Proced

Credits: 3.00

Under close supervision of faculty members, each student is involved in professional secretarial office work. Particular area of emphasis chosen to maximize professional growth and application of acquired knowledge.

BUS 499 - Individual Studies

Credits: 1.00 to 3.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

Chemistry**CHEM 100L - Physical Science Lab**

Credits: 1.00

*Co-requisites: CHEM 100***CHEM 101L - Introductory Chemistry Lab**

Credits: 1.00

*Pre-requisites: ACT Math 19 or SAT Math 430 or Math Placement Test 23***CHEM 102L - Intro Organic & Biol Chem Lab**

Credits: 1.00

*Co-requisites: CHEM 102***CHEM 111 - Introductory Chemistry**

Credits: 4.00

A study of the fundamental concepts of chemistry. The course is satisfactory for pre-nursing students and for biology majors who take only one year of chemistry. It will not satisfy the requirements for a chemistry major or minor. It is not suitable for the pre-professional programs such as pre-med, pre-dental, pre-vet, or medical technology. Four lectures, one lab lecture, and two hours of laboratory per week.

*Co-requisites: CHEM 111L**Pre-requisites: ACT Math 19 or SAT Math 440 or Math Placement Test 23 or MATH 101 Minimum Grade: D***CHEM 111L - Introductory Chemistry Lab**

Credits: 1.00

*Co-requisites: CHEM 111***CHEM 112 - Intro Organic/Biological Chem**

Credits: 4.00

A study of the fundamental concepts of organic chemistry and biochemistry. Will not satisfy requirement for a chemistry major, minor or pre-professional studies (pre-med, etc.) Will satisfy requirements for pre-nursing. Four lecture, one lab lecture, and two hours of laboratory per week.

*Co-requisites: CHEM 112L**Pre-requisites: CHEM 111 Minimum Grade: D or CHEM 131 Minimum Grade: D and CHEM 132 Minimum Grade: D***CHEM 112L - Intro Organic/Biol Chem Lab**

Credits: 1.00

*Co-requisites: CHEM 112***CHEM 131 - General Chemistry**

Credits: 4.00

A study of the principles and applications of chemistry suitable for science majors who plan additional course work in biology, chemistry, geology, physics, or mathematics. Organic chemistry is briefly included. The laboratory work consists of learning basic techniques and studying chemical and physical principles discussed in the lecture. Four lectures, one lab lecture, and two hours of laboratory per week. This course is designed for students who have had high school chemistry, although it is not a prerequisite.

*Co-requisites: CHEM 131L**Pre-requisites: ACT Math 19 or SAT Math 440 or Math Placement Test 23 or MATH 101 Minimum Grade: C***CHEM 131L - General Chemistry Lab**

Credits: 1.00

*Co-requisites: CHEM 131***CHEM 132 - General Chemistry**

Credits: 4.00

A study of the principles and applications of chemistry suitable for science majors who plan additional course work in biology, chemistry, geology, physics, or mathematics. Organic chemistry is briefly included. The laboratory work consists of learning basic techniques and studying chemical and physical principles discussed in the lecture. Four lectures, one lab lecture, and two hours of laboratory per week. This course is designed for students who have

had high school chemistry, although it is not a prerequisite.

Co-requisites: CHEM 132L

Pre-requisites: CHEM 131 Minimum Grade: C

CHEM 132L - General Chemistry Lab

Credits: 1.00

Co-requisites: CHEM 132

CHEM 179 - Special Topics

Credits: 1.00 to 5.00

Offered periodically to meet student special interests in the field.

CHEM 192 - Workshop

Credits: 1.00 to 4.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

CHEM 199 - Individual Studies

Credits: 1.00 to 5.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

CHEM 216 - Glassblowing

Credits: 1.00

Demonstrations and practice in the fundamental operations involved in the construction of glass laboratory apparatus, including cutting, drawing, bending, flanging, annealing, joining, and modifying glass; also includes introduction to artistic glassblowing.

CHEM 279 - Special Topics

Credits: 1.00 to 5.00

Offered periodically to meet student special interests in the field.

CHEM 292 - Workshop

Credits: 1.00 to 4.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

CHEM 299 - Individual Studies

Credits: 1.00 to 5.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

CHEM 321 - Organic Chemistry

Credits: 4.00

A study of the relationship between structure and reactivity of carbon-containing compounds. Laboratory time will be divided among techniques, preparation, and mechanistic studies. Four lectures, one lab lecture and three hours laboratory per week.

Co-requisites: CHEM 321L

Pre-requisites: CHEM 132 Minimum Grade: C

CHEM 321L - Organic Chemistry Lab

Credits: 1.00

Co-requisites: CHEM 321

CHEM 322 - Organic Chemistry

Credits: 4.00

A study of the relationship between structure and reactivity of carbon-containing compounds. Laboratory time will be divided among mechanistic studies, introductory qualitative analysis, and independent project work. Lectures, one lab lecture and three hours laboratory per week.

Co-requisites: CHEM 322L

Pre-requisites: CHEM 321 Minimum Grade: D

CHEM 322L - Organic Chemistry Lab

Credits: 1.00

CHEM 331 - Analytical Chemistry

Credits: 3.00

The theory and application of classical and instrumental quantitative analysis with additional emphasis on the fate and analysis of chemicals in the environment. Three lectures per week and one four-hour laboratory period every week.

Co-requisites: CHEM 331L

Pre-requisites: CHEM 132 Minimum Grade: C and MATH 106 Minimum Grade: C and MATH 107 Minimum Grade: C or MATH 120 Minimum Grade: C

CHEM 331L - Analytical Chemistry Lab

Credits: 2.00

Co-requisites: CHEM 331

CHEM 332 - Analytical Chemistry

Credits: 3.00

A continuation of Chem 331 with additional coverage of chemical equilibria and electrochemistry. Three hours of lecture and four hours of laboratory every week.

Co-requisites: CHEM 332L

Pre-requisites: CHEM 331 Minimum Grade: D

CHEM 332L - Analytical Chemistry Lab

Credits: 2.00

Co-requisites: CHEM 332

CHEM 334 - Environmental Chemistry

Credits: 2.00

A course that studies the sources, fate, and control of chemicals in the environment. Two lectures and three hours of laboratory per week.

Co-requisites: CHEM 334L

Pre-requisites: CHEM 331 Minimum Grade: D

CHEM 334L - Environmental Chemistry Lab

Credits: 1.00

Co-requisites: CHEM 334

CHEM 379 - Special Topics

Credits: .50 to 5.00

Offered periodically to meet student special interests in the field.

CHEM 390 - Research in Chemistry

Credits: 1.00 to 3.00

Independent investigation in the field of chemistry offered to superior students upon arrangement with the instructor.

CHEM 392 - Workshop

Credits: 1.00 to 4.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

CHEM 401 - Biochemistry

Credits: 4.00

A study of structural biochemistry and metabolism. Course begins with a review of water, the lipophilic environment, non-covalent bonding, and bioenergetics. Structural topics include amino acids, peptides, proteins, carbohydrates, and lipids. Enzymes are discussed with emphasis on mechanisms and kinetics. Metabolic topics include catabolism, anabolism, and meta-

bolic control. Four lectures and three hours of laboratory per week.

Co-requisites: CHEM 401L

Pre-requisites: CHEM 322 Minimum Grade: C

CHEM 401L - Biochemistry Lab

Credits: 1.00

Co-requisites: CHEM 401

CHEM 402 - Molecular Biology

Credits: 4.00

An introduction to the study of nucleic acids, genomes and molecular mechanisms with emphasis on genome organization, gene expression, and the techniques used in the study of molecular biology. Laboratory exercises will include standard methodologies such as restriction mapping, cloning, hybridization, DNA libraries, and PCR. Course includes 3 hours of lecture and 4 hours of laboratory per week.

Co-requisites: CHEM 402L

Pre-requisites: CHEM 401 Minimum Grade: C

CHEM 402L - Molecular Biology Lab

Credits: 0.00

Co-requisites: CHEM 402

CHEM 431 - Phys Chem Lec/Thermodynamics

Credits: 3.00

Thermodynamics as applied to chemistry and physics. Specific topics include the laws of thermodynamics, thermochemistry, reaction and phase equilibrium, solutions, and electrochemistry. An introduction to chemical kinetics is included.

Co-requisites: CHEM 433

Pre-requisites: CHEM 132 Minimum Grade: C and MATH 120 Minimum Grade: D and PHYS 221 Minimum Grade: D and PHYS 222 Minimum Grade: D and PHYS 223 Minimum Grade: D and PHYS 224 Minimum Grade: D or PHYS 230 Minimum Grade: D and PHYS 231 Minimum Grade: D and PHYS 232 Minimum Grade: D and PHYS 233 Minimum Grade: D

CHEM 432 - Phys Chem Lec/Quantum Mechanics

Credits: 3.00

Quantum mechanics with applications to atomic structure, bonding, solid state, and

spectroscopy. An introduction to kinetic molecular theory of gas, transport properties, and statistical mechanics is included.

Co-requisites: CHEM 434

Pre-requisites: CHEM 132 *Minimum Grade:* C and MATH 120 *Minimum Grade:* D and MATH 121 *Minimum Grade:* D and PHYS 221 *Minimum Grade:* D and PHYS 222 *Minimum Grade:* D and PHYS 223 *Minimum Grade:* D and PHYS 224 *Minimum Grade:* D or PHYS 230 *Minimum Grade:* D and PHYS 231 *Minimum Grade:* D and PHYS 232 *Minimum Grade:* D and PHYS 233 *Minimum Grade:* D

CHEM 433 - Physical Chemistry

Laboratory

Credits: 2.00

The principles of physical chemistry applied in the laboratory. Four hours laboratory plus one hour lecture per week.

Co-requisites: CHEM 431

Pre-requisites: CHEM 431 *Minimum Grade:* D and CHEM 432 *Minimum Grade:* D

CHEM 434 - Physical Chemistry

Laboratory

Credits: 2.00

The principles of physical chemistry applied in the laboratory. Four hours laboratory plus one hour lecture per week. Chem 434 includes an independent project.

Co-requisites: CHEM 432

Pre-requisites: CHEM 431 *Minimum Grade:* D and CHEM 433 *Minimum Grade:* D

CHEM 445 - Polymer Chemistry

Credits: 3.00

Introduction to the chemistry of organic, inorganic, and bio-polymers, with an emphasis on synthesis, mechanism, and reaction kinetics. Modern methods of polymer characterization are also covered. Offered upon sufficient demand. Three hours of lecture per week.

Co-requisites: CHEM 446

Pre-requisites: CHEM 322 *Minimum Grade:* C and CHEM 431 *Minimum Grade:* D

CHEM 446 - Polymer Chemistry

Laboratory

Credits: 1.00

The laboratory to accompany Chem 445 will

focus on synthesis and characterization of polymeric materials. Some practical applications and processing of the polymers synthesized will also be examined. Three laboratory hours per week.

Co-requisites: CHEM 445

Pre-requisites:

CHEM 461 - Inorganic Chemistry

Credits: 3.00

Theoretical aspects of inorganic chemistry based upon periodic relationships, symmetry, structure bonding, and reactivities. Three lectures per week. Offered fall semesters of odd-numbered years.

Pre-requisites: CHEM 321 *Minimum Grade:* C and CHEM 322 *Minimum Grade:* C or CHEM 331 *Minimum Grade:* C and CHEM 332 *Minimum Grade:* C

CHEM 462 - Inorganic Chemistry

Credits: 2.00

Descriptive inorganic chemistry utilizing theoretical concepts; practices of inorganic chemistry in the laboratory, including synthesis and characterization of compounds. Two lectures and three hours of laboratory per week. Offered spring semesters of even-numbered years.

Co-requisites: CHEM 462L

Pre-requisites: CHEM 461 *Minimum Grade:* D

CHEM 462L - Inorganic Chemistry Lab

Credits: 1.00

Co-requisites: CHEM 462

CHEM 479 - Special Topics

Credits: 1.00 to 5.00

Offered periodically to meet student special interests in the field.

CHEM 481 - Chemistry Seminar

Credits: 2.00

Capstone course intended for senior chemistry majors consisting of seminars presented by guest speakers, staff, and students; an assessment exam for seniors; and job placement information. Prerequisite: Completion of sufficient degree requirements to be within three semesters of graduating with a chemistry major.

CHEM 490 - Research in Chemistry

Credits: 1.00 to 3.00

Independent investigation in the field of chemistry offered to superior students upon arrangement with the instructor.

CHEM 492 - Workshop

Credits: 1.00 to 4.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

CHEM 499 - Individual Studies

Credits: 1.00 to 5.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

Chicano Studies

CS 179 - Special Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

CS 192 - Workshop

Credits: 1.00 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

CS 199 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

CS 220 - Semillas de la Tierra: Dance

Credits: 1.00

A study of Mexican dance technique that centers on choreography, stage design, and physical conditioning. Includes history and meaning of dances.

CS 279 - Special Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

CS 292 - Workshop

Credits: 1.00 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

CS 299 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

CS 379 - Special Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

CS 392 - Workshop

Credits: 1.00 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

CS 399 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

CS 479 - Special Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

CS 492 - Workshop

Credits: 1.00 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

CS 499 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

Computer Science

CSCI 100 - Introduction to Computers

Credits: 3.00

Introduction to fluency with information technology. While this course satisfies the Technology Proficiency Requirement, its depth goes beyond simple proficiency and provides the student with a robust understanding of what is needed to use information technology effectively across a broad range of applications

for personal, workforce, educational, and societal needs. Course includes two hours of lecture and one lab period per week.

Co-requisites:

Pre-requisites: ACT Math 19 or MATH 101

Minimum Grade: C or Math Placement Test 23

CSCI 100L - Intro to Computers Lab

Credits: .00

Co-requisites: CSCI 100

Pre-requisites: MATH 101 Minimum Grade: C

or ACT Math 19 or Math Placement Test 23

CSCI 150 - Programming in BASIC

Credits: 3.00

A study of the interactive programming language, visual BASIC.

Pre-requisites: MATH 101 Minimum Grade: C

or ACT Math 19 or Math Placement Test 23

CSCI 179 - Special Topics

Credits: 1.00 to 5.00

Offered periodically to meet student special interests in the field.

CSCI 192 - Workshop

Credits: 1.00 to 4.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

CSCI 199 - Individual Studies

Credits: 1.00 to 5.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

CSCI 208 - Computer Science I

Credits: 4.00

An intensive first course in structured programming (currently using C++) and fundamental techniques for proper software engineering. It contains control structures, abstract data structures including arrays and files, algorithms for sorting and searching, an introduction to computer numeric representation, and an introduction to assembly language.

Pre-requisites: MATH 101 Minimum Grade: C

or ACT Math 19 or Math Placement Test 23

CSCI 209 - Computer Science II

Credits: 4.00

An intensive second course in structured and object-oriented programming. It includes an introduction to object-oriented programming, static and dynamic implementation of list data types, external modules, graphics, and large program design and implementation.

Pre-requisites: MATH 105 Minimum Grade: D

CSCI 236 - Research in Computer Science

Credits: 1.00

An independent research course. The student will work with a professor on a research project either designed by the student or the professor. The student's research must result in a paper or project and a presentation before a group of peers and professors.

Pre-requisites: CSCI 209 Minimum Grade: C

CSCI 245 - Intro to the World-Wide Web

Credits: 3.00

Introduces students to the world of computer science through the World-Wide Web, focusing on the techniques of web-page creation. No programming background is required, although students will learn some programming through scripting languages.

Pre-requisites: CSCI 100 Minimum Grade: C or

CSCI 208 Minimum Grade: C

CSCI 250 - Human Computer Interaction

Credits: 3.00

Presents a comprehensive introduction to the principles and techniques of human-computer interaction.

Pre-requisites: CSCI 208 Minimum Grade: D

CSCI 279 - Special Topics

Credits: 1.00 to 5.00

Offered periodically to meet student special interests in the field.

CSCI 292 - Workshop

Credits: 1.00 to 4.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

CSCI 299 - Individual Studies

Credits: 1.00 to 5.00

Provides opportunity for individual

research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

CSCI 308 - Architecture/Operating Systems
Credits: 3.00

Introduction to the concepts of computer architecture and operating systems, including assembly level machine organization, representation of data, memory systems, bus principles, digital logic, microprograms, functional machine architecture, RISC, CISC, parallel architectures, an overview of operating systems and operating systems principles, concurrency, and memory management.

Pre-requisites: CSCI 209 Minimum Grade: D

CSCI 309 - Architect for Networks & Comm
Credits: 3.00

Presents the concepts of computer architecture that are central to communications and networking. Topics include distributed algorithms, concurrency, System performance evaluation, network architectures, embedded systems, protocol design, scripting and the impact of architectural issues on distributed systems.

Pre-requisites: CSCI 209 Minimum Grade: D

CSCI 315 - Users Services Practicum
Credits: 3.00

Assisting computer users with application and instructional software, aiding peers with program development and debugging, and managing day-to-day demands of the computer lab. The course is graded P/F.

Pre-requisites: CSCI 150 Minimum Grade: D or CSCI 208 Minimum Grade: D or MATH 210 Minimum Grade: D

CSCI 316 - Computer Operations
Credits: 3.00

The practical use, operation, repair, and maintenance of computer systems and networks. Emphasizes hardware and software aspects of systems currently used in research and industry.

Pre-requisites: CSCI 100 Minimum Grade: C or CSCI 208 Minimum Grade: C

CSCI 320 - Advanced Internet
Credits: 3.00

Advanced topics and hands-on experience with

hardware and software systems used for providing internet services in industry, education and government. The course will survey systems and service options, examine how to establish and maintain services, and explore implications of new technology for future internet and intranet systems.

Pre-requisites: CSCI 245 Minimum Grade: C

CSCI 325 - Algorithm Design & Analysis
Credits: 3.00

Introduces formal techniques to support the design and analysis of algorithms, focusing on both the underlying mathematical theory and practical considerations of efficiency. Topics include asymptotic complexity bounds, techniques of analysis, algorithmic strategies, and an introduction to automata theory and its application to language translation.

Pre-requisites: MATH 200 Minimum Grade: D and CSCI 209 Minimum Grade: D

CSCI 330 - AI & Information
Credits: 3.00

Introduces the basics of artificial intelligence and information management. In artificial intelligence the course will examine search techniques, knowledge representation and machine learning. In information utilization and management the course will examine database systems, data modeling, relational databases and query languages.

Pre-requisites: CSCI 209 Minimum Grade: C

CSCI 345 - Net-Centric Computing
Credits: 3.00

Introduces the structure, implementation, and theoretical underpinnings of computer networking and the applications that have been enabled by that technology. The course focuses on the design and implementation of Internet and World Wide Web based application. Other topics include the fundamentals of communications, network management, data compression, Multimedia data technologies, and wireless computing.

Pre-requisites: CSCI 308 Minimum Grade: C

CSCI 379 - Special Topics
Credits: 1.00 to 5.00

Offered periodically to meet student special interests in the field.

CSCI 392 - Workshop

Credits: 1.00 to 4.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

CSCI 399 - Individual Studies

Credits: 1.00 to 5.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

CSCI 400 - Software Development

Credits: 3.00

Combines a range of topics integral to the design, implementation, and testing of a medium-scale software system with the practical experience of implementing such a project as a member of a programmer team. In addition to material on software engineering, this course also includes material on professionalism and ethical responsibilities in software development and human-computer interaction.

Pre-requisites: CSCI 308 Minimum Grade: C and CSCI 250 Minimum Grade: C

CSCI 410 - Computer Graphics & Multimedia

Credits: 3.00

Offers an introduction to computer graphics, which has become an increasingly important area within computer science. Computer graphics, particularly in association with the multimedia aspects of the World-Wide-Web, have opened up exciting new possibilities for the design of human-computer interfaces. The purpose of this course is to investigate the principles, techniques, and tools that have enabled these advances.

Pre-requisites: CSCI 209 Minimum Grade: C and MATH 200 Minimum Grade: C and MATH 321 Minimum Grade: C

CSCI 436 - Research in Computer Science

Credits: 1.00

An independent research course. The student will work with a professor on a research project either designed by the student or the professor. The student's research must result in a professional quality paper or project and a presentation before a group of peers and professors.

CSCI 479 - Special Topics

Credits: 1.00 to 5.00

Offered periodically to meet student special interests in the field.

CSCI 492 - Workshop

Credits: 1.00 to 4.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

CSCI 499 - Individual Studies

Credits: 1.00 to 5.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

Early Childhood Education**ECE 110 - Intro to Early Childhood Ed**

Credits: 3.00

Introduction to the field of early childhood education, including the history, philosophies, goals, and purposes of educational programs for children ages birth through eight years. Topics include: social processes that influence early childhood education, role of the family, school, and community.

Co-requisites: ECE 112

ECE 112 - Early Childhood Practicum I

Credits: 2.00

Student will be assigned to preschool and day care settings for 75 clock hours. Observation/interpretation of different age groups, ability levels, and early childhood environments will be emphasized.

Co-requisites: ECE 110

ECE 115 - Health/Safety/Nutri Young Chil

Credits: 3.00

Comprehensive health and nutritional information and implications for the growth and development of young children will be emphasized. Topics covered include community health agencies and resources, basic first aid, procedures relative to reporting child abuse and neglect, meal planning, and activities for safety and nutrition curriculum.

ECE 203 - Child Growth & Development

Credits: 3.00

Examines the growth and development of children from conception through age eight years. Integrates physical, social, emotional, and cognitive developmental domains. Informal assessment and evaluation strategies will be practiced. Includes emphasis on typical and atypical growth patterns, and culturally and linguistically diverse children.

ECE 215 - Integ Curr Erly Ch/Meth & Tech

Credits: 4.00

Overview of educational and philosophical principles that influence early childhood curriculum. Developmental learning environments, materials, and experiences will be emphasized. Focus will be on curriculum that supports creativity, problem-solving, and self-expression as well as the integration of all subject areas. Adaptations and modifications for diverse linguistic and learning styles and for children with special needs will be examined and practiced.

ECE 230 - Adm of Early Childhood Program

Credits: 3.00

Students will examine and interpret Colorado's minimal requirements pertaining to the establishment and operation of centers for young children. Topics will include site selection, policy formation, administrative forms, staffing needs, fiscal management, professional ethics, child abuse reporting, and program development and evaluation.

Pre-requisites: ECE 110 Minimum Grade: C or ECE 112 Minimum Grade: C

ECE 299 - Independent Study

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

ECE 320 - Infants&Toddlers/Dev Theories

Credits: 4.00

Required lab arranged. Examines growth patterns from conception through infancy and the third year. Topics include influences on early development, sensory motor play, guidance and

care provisions, and adult responsibilities for providing optimal environments.

ECE 340 - Family Sys/Soc Iss Erly Child

Credits: 3.00

Students will be introduced to the interrelationships of family systems and will develop an awareness of the educator's role in supporting young children and their families. Cultural diversity, parenting styles, environmental influences, and resources for families will be emphasized.

ECE 399 - Individual Study

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

ECE 424 - Adv Methods/Tech in ECE Curric

Credits: 4.00

Required lab arranged. Examine components of effective instruction in early childhood (ages 3 to 8 years), including theoretical bases, developmentally appropriate environment, organization and management, teacher's role, curriculum models, content and evaluation, and strategies materials to meet diverse learning needs.

Pre-requisites: ECE 215 Minimum Grade: C

ECE 425 - Student Teaching-Early Childh

Credits: 4.00 to 8.00

The purpose of this course is to expose the student to a semester of teaching, observing, and participating in classroom related experience in a preschool setting. The experience will be supervised by one or more cooperating teachers and coordinated by a college supervisor. For an added endorsement in Early Childhood Education, students must teach in two different age ranges (primary: K-2, and pre-primary: age 3-5 years).

Pre-requisites: ECE 110 Minimum Grade: C and ECE 112 Minimum Grade: C and ECE 115 Minimum Grade: C and ECE 320 Minimum Grade: C and ECE 340 Minimum Grade: C and ECE 424 Minimum Grade: C

ECE 499 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

Economics**ECON 201 - Economics and Today's Society**

Credits: 3.00

A core curriculum course developing student understanding of how the economic behavior of individuals, families, businesses, and governments reflects their drive to meet their needs and satisfy their wants in a world of economic and environmental scarcity. Course will help explain the causes and solutions to issues such as energy scarcity, unemployment, inflation, pollution, poverty, healthcare, discrimination, and other world conditions.

ECON 255 - Principles of Economics I

Credits: 3.00

Detailed macro/micro approach to the workings of the market system with actual applications to problems of energy, unemployment, inflation, pollution, poverty, health, discrimination, and other important issues.

ECON 256 - Principles of Economics II

Credits: 3.00

Detailed macro/micro approach to the workings of the market system with actual applications to problems of energy, unemployment, inflation, pollution, poverty, health, discrimination, and other important issues.

Pre-requisites: ECON 255 Minimum Grade: D

ECON 379 - Special Topics

Credits: 1.00 to 3.00

Offered periodically to meet student special interests in the field.

Pre-requisites: ECON 255 Minimum Grade: D and ECON 256 Minimum Grade: D

ECON 399 - Individual Studies

Credits: 1.00 to 3.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

Pre-requisites: ECON 255 Minimum Grade: D and ECON 256 Minimum Grade: D

ECON 425 - Economic Policy

Credits: 3.00

Study of the structure and functions of the U.S. economic system and the use of monetary, fiscal, and other policies to stabilize the economy. Considerable emphasis placed on forecasting economic conditions and the timing of, as well as the complex interplay of, policy and economic forces.

Pre-requisites: ECON 255 Minimum Grade: C and ECON 256 Minimum Grade: C and MATH 104 Minimum Grade: C

ECON 433 - Managerial Economics

Credits: 3.00

Bus 318 recommended. Application and integration of microeconomic theory and the tools of decision science to managerial decision-making. Particular emphasis placed on estimating demand and cost functions as well as the effects of time and uncertainty.

Pre-requisites: ECON 255 Minimum Grade: C and ECON 256 Minimum Grade: C and MATH 104 Minimum Grade: C

ECON 474 - Seminar Current Econ Issues

Credits: 3.00

Analysis in seminar format of a broad range of vital economic issues affecting American society.

Pre-requisites: ECON 255 Minimum Grade: C and ECON 256 Minimum Grade: C

ECON 479 - Special Topics

Credits: 1.00 to 3.00

Offered periodically to meet student special interests in the field.

Pre-requisites: ECON 255 Minimum Grade: D and ECON 256 Minimum Grade: D

ECON 499 - Individual Studies

Credits: 1.00 to 3.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

Pre-requisites: ECON 255 Minimum Grade: D and ECON 256 Minimum Grade: D

Education

ED 179 - Special Topics

Credits: 1.00 to 5.00

Offered periodically to meet student special interests in the field.

ED 179L - Perspect/Teaching/Learning Lab

Credits: .00

Co-requisites: ED 179

ED 192 - Workshops

Credits: .50 to 5.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

ED 199 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

ED 200 - Perspectives Teaching/Learning

Credits: 3.00

A study of school, societal and cultural issues and their influences on teaching and learning. As an introductory course, the purpose is to learn about teaching as a career choice, the historical development of American education, social and political structures in the schools, and power groups influencing educational policy. Issues of educational reform will include civil rights, students' rights, ethnic, gender, and racial issues, individualizing instructions, special education, learning theory models, (inclusive of diversity issues related to electronic media) and alternative school structures. Emphasis is placed on the orientation and development of a proficient and reflective professional educator. A thirty (30) hour, pre-professional, supervised, field-based experience is a course requirement. Elementary and secondary licensure candidates will be required to wear photo identification as they participate in this field experience. Photo Ids must be obtained from the ASC College Center Campus Card Office PRIOR to the beginning of the field experience component. This is a REQUIREMENT not an option.

Co-requisites: ED 200L

ED 200L - Perspectives Teach/Learn Lab

Credits: .00

Co-requisites: ED 200

ED 220 - The Exceptional Learner

Credits: 3.00

This course is designed to survey the foundations of special education, including historical, philosophical perspectives, legal issues and current trends in instruction and programming. The elementary and secondary licensure candidate will explore the role of general education as it relates to the education of the student with exceptional needs. Emphasis will be placed on developing knowledge of various disabling conditions, available resources and educational alternatives. The elementary and secondary licensure candidate will learn about the ethical and sociopolitical influences on prevention, intervention, and educational programs for students with special needs, from birth through post-secondary ages. Learning characteristics and the diverse needs of students who receive special education services will also be studied. From a pedagogically sound, as well as developmentally appropriate perspective, the similarities and differences within and between exceptionalities and typical development will be emphasized. A ten (10) hour, pre-professional, supervised, field-based experience is a course requirement. Elementary and secondary licensure candidates will be required to wear photo identification as they participate in this field experience. Photo Ids must be obtained from the ASC College Center Campus Card Office PRIOR to the beginning of the field experience component. This is a REQUIREMENT not an option.

Co-requisites: ED 220L

ED 220L - Exceptional Learner Field Lab

Credits: .00

Co-requisites: ED 220

ED 230 - Lit/Language Development I

Credits: 3.00

This beginning course in reading and writing defines the relationship among a) cognitive and linguistic development, b) emergent literacy, c) the history of reading instruction, and, d) the neuro-physiology (brain-research) of language

learning [i.e., speaking, reading, writing, visual representation, and, listening]. There is a dual focus on the processes of reading and writing and the expectations at each level of proficiency and how those expectations are related to: a) phonics, b) concepts about print, c) gaining meaning from text, d) developmental stages of spelling, e) phonemic awareness, word identification, stages of graphophonics and sign vocabulary, and, f) the writing process. Additionally, this course will include an introduction to children's literature (narratives) as a vehicle for exploring literary elements and integrated language arts. PLEASE NOTE: A segment of the Professional Portfolio will be required in this course.

Pre-requisites: ED 200 Minimum Grade: C and ED 220 Minimum Grade: C and PSYC 204 Minimum Grade: C

ED 230L - Lit/Language Development I Lab

Credits: .00

ED 279 - Special Topics

Credits: .00 to 5.00

Offered periodically to meet student special interests in the field.

ED 279L - Exceptional Learner Field Lab

Credits: .00

Co-requisites: ED 279

ED 292 - Workshops

Credits: .50 to 5.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

ED 299 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

ED 300 - Literacy & Language Dev II

Credits: 3.00

This second course in the Literacy and Language Development sequence focuses on reading and writing methodology and curricula in language development, content area literacy, vocabulary development, study skills, and,

inferential and critical comprehension skills. Using the reading and writing processes as basic foundations, this course will provide the balanced practices related to the implementation of literacy instruction. The course will also include an extension of children's literacy (expository) as a vehicle for exploring a variety of genres. Best practices research in the reading and writing instruction will be embedded throughout the courses.

Co-requisites:

Pre-requisites: Teacher Ed Professional Prog 1

ED 300L - Literacy & Language Dev II Lab

Credits: .00

Co-requisites: ED 300

Pre-requisites: ED 230 Minimum Grade: C and Teacher Ed Professional Prog 1

ED 307 - Field Based Practicum-Elem

Credits: 1.00 to 3.00

Students will be assigned to elementary schools for 100 clock hours. Additionally, one seminar each week on campus will be required.

ED 308 - Field Based Practicum-Sec

Credits: 1.00 to 6.00

Students will be assigned to secondary schools for 100 clock hours. Additionally, one seminar each week on campus will be required.

Pre-requisites: Teacher Ed Professional Prog 1

ED 312 - Planning for Teaching-Sec

Credits: 3.00

ED 314 - Elem Social Studies Methods

Credits: 3.00

ED 317 - Clsrm Organiz/Management-Sec

Credits: 3.00

ED 345 - Educational Psychology

Credits: 3.00

Designed to explore the background of educational psychology. Major topic areas include: research, value and utilization, student characteristics and diversity, learning theories and their application, motivation, teaching methods and practices, evaluating student learning, and standardized measurements. Students will develop increased ability to understand and assess the interrelationships of intellectual, cog-

nitive, instructional, personality, social and cultural influences, theories, and factors as they affect the learning environment. Students will cover assessment procedures, analysis of data, legal and ethical responsibilities as part of necessary research and evaluation within the school learning environment. Emphasis is placed on developing knowledge of historical and current research and its meaning for interaction and planning in the school setting.

Pre-requisites: Teacher Ed Professional Prog 1

ED 350 - Principles of Assessment

Credits: 3.00

ED 392 - Workshops

Credits: .50 to 5.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

ED 399 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

ED 400 - Methods of Teaching Reading

Credits: 3.00

ED 404 - Literacy and Language Dev III

Credits: 2.00

This third course in the Literacy and Language Development sequence focuses on individualized assessment for the diagnosis of reading and writing and spelling disabilities. This course also helps the teacher licensure candidate create a body of evidence using multiple assessments (both formal and informal) which informs the design of an Individual Literacy Plan (ILP); student study teams (SST); remediation plans; special education staffings; and, instructional improvement. Additionally, the exploration of recognizing cognitive discrepancies among students; the recognition of perceptual-communicative disorders; the understanding of achievement and cognitive discrepancies; the uses and purposes of standardized testing; and the aforementioned concepts in their relationship to improving instruction and student performance will be emphasized.

Pre-requisites: Teacher Ed Professional Prog 1

ED 405 - Literacy & Language Dev III

Credits: 3.00

This third course in the Literacy and Language Development sequence focuses on individualized assessment for the diagnosis of reading and writing and spelling disabilities. This course also helps the teacher licensure candidate create a body of evidence using multiple assessments (both formal and informal) which informs the design of an Individual Literacy Plan (ILP); student study teams (SST); remediation plans; special education staffings; and, instructional improvement. Additionally, the exploration of recognizing cognitive discrepancies among students; the recognition of perceptual-communicative disorders; the understanding of achievement and cognitive discrepancies; the uses and purposes of standardized testing; and the aforementioned concepts in their relationship to improving instruction and student performance will be emphasized. A twenty (20) hour, pre-professional, supervised, field-based experience is a course requirement. Elementary licensure candidates will be required to wear photo identification as they participate in this field experience. Photo Ids must be obtained from the ASC College Center Campus Card Office PRIOR to the beginning of the field experience component. This is a REQUIREMENT, not an option.

Co-requisites: ED 405L

Pre-requisites: ED 300 Minimum Grade: C and ED 300L Minimum Grade: C and Teacher Ed Professional Prog 1

ED 405L - Literacy & Language III Lab

Credits: .00

Co-requisites: ED 405

Pre-requisites: ED 300 Minimum Grade: C and ED 300L Minimum Grade: C and Teacher Ed Professional Prog 1

ED 410 - Class Instruct/Mngmnt

Credits: 3.00

This course is designed to introduce licensure candidates to basic theory and principles of practice in the areas of classroom management and behavior evaluation and change. Emphasis is placed on developing a critical thinking approach to evaluation and planning to successfully deal with management in the class-

room. Additional focus will be on the successful management of time, communication, and record keeping procedures that support and enhance student learning. Additionally, licensure candidates will design a management plan. This data will be added to the portfolio initiated in the Perspectives in Teaching and Learning course.

Co-requisites: ED 410L

Pre-requisites: Teacher Ed Professional Prog 1

ED 410L - Class Instruct/Mngmnt Lab

Credits: .00

Co-requisites: ED 410

Pre-requisites: Teacher Ed Professional Prog 1

ED 414 - Class Instruct/Mngmnt - Elem

Credits: 2.00

This course is designed to introduce licensure candidates to basic theory and principles of practice in the areas of classroom instruction, classroom management, and behavior evaluation and change. Emphasis is placed on developing a critical thinking approach to the design and implementation evaluation and planning to successfully deal with management in the classroom. Additional focus will be on classroom instruction that promotes student achievement, the successful management of time, communication, and record keeping procedures that support and enhance student learning. Additionally, licensure candidates will design a management plan. This data will be added to the portfolio initiated in the Perspectives in Teaching and Learning course.

Pre-requisites: Teacher Ed Professional Prog 1

ED 416 - Sec/K-12 Class Instruct/Mngmnt

Credits: 2.00

This course is designed to introduce licensure candidates to basic theory and principles of practice in the areas of classroom instruction, classroom management, and behavior evaluation and change. Emphasis is placed on developing a critical thinking approach to the design and implementation evaluation and planning to successfully deal with management in the classroom. Additional focus will be on classroom instruction that promotes student achievement, the successful management of time, communication, and record keeping pro-

cedures that support and enhance student learning. Additionally, licensure candidates will design a management plan. This data will be added to the portfolio initiated in the Perspectives in Teaching and Learning course.

Pre-requisites: Teacher Ed Professional Prog 1

ED 420 - Ed Practices/Assessment

Credits: 3.00

This course is intended to assist the elementary and secondary licensure candidate in learning the theoretical foundations, skills and strategies to assess students in ways that inform instruction and improve learning. Candidates will explore the purposes of assessment, learn when and how to use a variety of assessment methods, learn to construct valid classroom instruments (i.e. selected-response, constructed-response, and performance assessments), learn how to minimize assessment bias, and use appropriate accommodations that ensure student learning in a standard-based curriculum. A twenty-hour, pre-professional, supervised, field-based experience is a course requirement. Elementary and secondary licensure candidates will be required to wear photo identification as they participate in this field experience. Photo ID's must be obtained from the ASC College Center Card Office prior to the beginning of the field experience component. This is a requirement, not an option. The Teacher Education Program Portfolio will be continued in this course. The required elements for your portfolio will include your constructed assessment tools, your Standard-Based Mini Unit, your electronic data on alternative assessments, and your assessment reporting profile.

Co-requisites: ED 420L

Pre-requisites: Teacher Ed Professional Prog 1

ED 420L - Ed Practices/Assmnt Lab

Credits: .00

Co-requisites: ED 420

Pre-requisites: Teacher Ed Professional Prog 1

ED 424 - Elem Ed Practices/Assessment

Credits: 2.00

The Teacher Education Program Portfolio will be continued in this course. The required elements for your portfolio will include your constructed assessment tools, your Standard-Based

Mini Unit, your electronic data on alternative assessments, and your assessment reporting profile.

Pre-requisites: Teacher Ed Professional Prog 1

ED 426 - Sec/K-12 Ed Practice/Assmnt

Credits: 2.00

This course is intended to assist the secondary licensure candidate in learning the theoretical foundations, skills and strategies to assess students in ways that inform instruction and improve learning. Candidates will explore the purposes of assessment, learn when and how to use a variety of assessment methods, learn to construct valid classroom instruments (i.e. selected-response, constructed- response, and performance assessments), learn how to minimize assessment bias, and use appropriate accommodations that ensure student learning in a standard-based curriculum. The Teacher Education Program Portfolio will be continued in this course. The required elements for your portfolio will include your constructed assessment tools, your Standard-Based Mini Unit, your electronic data on alternative assessments, and your assessment reporting profile.

Pre-requisites: Teacher Ed Professional Prog 1

ED 429 - Content Area Literacy

Credits: 2.00

Approaches and strategies for teaching secondary reading in various subject areas. Topics include textbook selection and readability, comprehension skills, study skills, and meeting needs of diverse student populations.

Pre-requisites: Teacher Ed Professional Prog 1

ED 430 - Content Area Literacy

Credits: 3.00

Approaches and strategies for teaching secondary reading in various subject areas. Topics include textbook selection and readability, comprehension skills, study skills, and meeting needs of diverse student populations.

Co-requisites: ED 430L

Pre-requisites: Teacher Ed Professional Prog 1

ED 430L - Content Area Literacy Lab

Credits: .00

Co-requisites: ED 430

Pre-requisites: Teacher Ed Professional Prog 1

ED 434 - Field Seminar - Elementary

Credits: 1.00

Course and lab (ED 434L) taken the semester prior to student teaching and concurrent with SCI 320, ED 404, ED 414, and ED 424 (Senior Block). Course meets five times per semester and is designed to enhance learning in concurrent senior block courses. Each concurrent course instructor hosts at least one session during the semester.

Pre-requisites: Teacher Ed Professional Prog 1

ED 434L - Field Seminar Lab - Elementary

Credits: 2.00

Part of senior block. Labs scheduled three days per week, 2 hours per day. Students must complete a minimum of 80 field hours as arranged by the Professional Program Office. Reflections and proficiencies demonstrated during this experience meet requirements for evidences related to concurrent (senior block) courses. Supervision is provided by concurrent (senior block) course instructors.

Pre-requisites: Teacher Ed Professional Prog 1

ED 435 - Student Teaching-Elementary

Credits: 1.00 to 15.00

Corresponds with the public school calendar for one full semester. Student teacher candidates must pass state required field content examination, ie: the Program for Licensing Assessments for Colorado Educators (PLACE) content exam prior to the student teacher semester. The student teaching experience requires many new responsibilities. The experience provided to student teacher candidates during this field experience is comprehensive. Students must complete all components explained in the Student Teaching Handbook. An Educational Field Experience Team is in place during the apprenticeship to help student teacher candidates acquire the necessary skills in the practice of building a community of learners while teaching and learning. The community of learners includes the student teacher candidate, the cooperating mentor teacher, the college field supervisor, the building principal, and the classroom students. The student teaching experience requires a minimum of 640 hours of contact time.

Pre-requisites: Teacher Ed Professional Prog 2

ED 436 - Sec/K-12 Field Seminar

Credits: 1.00

Course and lab (ED 436L) taken the semester prior to student teaching and concurrent with ED 416, ED 426, ED 429, and Content Methods course(s) (Senior Block). Course meets five times per semester and is designed to enhance learning in concurrent senior block courses. Each concurrent course instructor hosts at least one session during the semester.

Pre-requisites: Teacher Ed Professional Prog 1

ED 436L - Sec/K-12 Field Seminar Lab

Credits: 2.00

Part of senior block. Labs scheduled three days per week, 3 hours a day. Students must complete a minimum of 120 field hours as arranged by the Professional Program Office. Reflections and proficiencies demonstrated during this experience meet requirements for evidences related to concurrent (senior block) courses. Supervision is provided by concurrent (senior block) course instructors.

Pre-requisites: Teacher Ed Professional Prog 1

ED 445 - Student Teaching-Secondary

Credits: 1.00 to 15.00

Corresponds with the public school calendar for one full semester. Student teacher candidates must pass state required field content examination, ie: the Program for Licensing Assessments for Colorado Educators (PLACE) content exam prior to the student teacher semester. The student teaching experience requires many new responsibilities. The experience provided to student teacher candidates during this field experience is comprehensive. Students must complete all components explained in the Student Teaching Handbook. An Educational Field Experience Team is in place during the apprenticeship to help student teacher candidates acquire the necessary skills in the practice of building a community of learners while teaching and learning. The community of learners includes the student teacher candidate, the cooperating mentor teacher, the college field supervisor, the building principal, and the classroom students. The student teaching experience requires a minimum of 640 hours of contact time.

Pre-requisites: Teacher Ed Professional Prog 2

ED 455 - Student Teaching K-12

Credits: 1.00 to 15.00

Corresponds with the public school calendar for one full semester. Student teacher candidates must pass state required field content examination, ie: the Program for Licensing Assessments for Colorado Educators (PLACE) content exam prior to the student teacher semester. The student teaching experience requires many new responsibilities. The experience provided to student teacher candidates during this field experience is comprehensive. Students must complete all components explained in the Student Teaching Handbook. An Educational Field Experience Team is in place during the apprenticeship to help student teacher candidates acquire the necessary skills in the practice of building a community of learners while teaching and learning. The community of learners includes the student teacher candidate, the cooperating mentor teacher, the college field supervisor, the building principal, and the classroom students. The student teaching experience requires a minimum of 640 hours of contact time.

Pre-requisites: Teacher Ed Professional Prog 2

ED 479 - Special Topics

Credits: 1.00 to 5.00

Offered periodically to meet student special interests in the field.

ED 492 - Workshops

Credits: .50 to 5.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

ED 493 - Current Issues in Special Educ

Credits: 3.00

ED 499 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

Education Reading

EDRD 095 - Basic Reading Skills

Credits: 2.00

Basic skills course in reading. Intended for students who need to increase their vocabulary and comprehension skills.

EDRD 179 - Special Topics

Credits: 1.00 to 3.00

Offered periodically to meet student special interests in the field.

EDRD 192 - Workshops

Credits: .50 to 5.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

EDRD 199 - Individual Studies

Credits: 1.00 to 3.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

EDRD 200 - Reading Enrichment I

Credits: 2.00

EDRD 201 - Reading Enrichment II

Credits: 2.00

EDRD 205 - Language/Literacy

Development

Credits: 3.00

EDRD 279 - Special Topics

Credits: 1.00 to 3.00

Offered periodically to meet student special interests in the field.

EDRD 292 - Workshops

Credits: .50 to 5.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

EDRD 299 - Individual Studies

Credits: 1.00 to 3.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

EDRD 310 - Content Area Reading-Secondary

Credits: 1.00

EDRD 320 - Content Area Reading-Elem

Credits: 1.00

EDRD 379 - Special Topics

Credits: 1.00 to 3.00

Offered periodically to meet student special interests in the field.

EDRD 392 - Workshop

Credits: .50 to 5.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

EDRD 399 - Individual Studies

Credits: 1.00 to 3.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

EDRD 479 - Special Topics

Credits: 1.00 to 3.00

Offered periodically to meet student special interests in the field.

EDRD 492 - Workshop

Credits: .50 to 5.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

EDRD 499 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

English

ENG 099 - Basic Writing

Credits: 1.00 to 4.00

Students work on basic communication skills, especially standard written English. Vocabulary, grammar, mechanics, sentence construction, and paragraph development are the focus. This course is required for students whose scores on the English Placement Examination indicate a need for more basic instruction. The course is graded S/U and does not provide degree credit.

ENG 101 - Communication Arts I

Credits: 3.00

A course designed to provide students with the grammar and composition skills needed to write effective expository essays. Attention to voice, audience, techniques of invention, and rhetorical strategies.

ENG 102 - Communication Arts II

Credits: 3.00

Emphasis is on source-based writing designed to develop critical reading, thinking, and writing. A series of written assignments, including a fully documented paper, and an oral presentation are required.

Pre-requisites: ENG 101 Minimum Grade: D

ENG 179 - Special Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

ENG 192 - Workshop

Credits: 1.00 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

ENG 199 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

ENG 200 - College Writing Review

Credits: 3.00

Designed for referred students at the sophomore or junior level, the course emphasizes composition and writing in the disciplines. Students will polish their writing skills and develop portfolios.

Pre-requisites: ENG 101 Minimum Grade: C and ENG 102 Minimum Grade: C

ENG 203 - Major Themes in Literature

Credits: 3.00

This course is designed to expose students to a variety of literature and to develop critical thinking, reading, and writing skills.

Pre-requisites:

ENG 210 - The Study of Literature

Credits: 3.00

This course covers fundamental literary terms and concepts. Focus on close analyses of texts: tone, symbolism, figurative language, speaker, diction, and syntax. Introduction to literary theories. Mechanics of incorporating primary and secondary sources using MLA style. Development of analytical reading and writing skills. PREREQUISITE TO ALL HIGHER NUMBERED LITERATURE COURSES.

Pre-requisites: ENG 101 Minimum Grade: C

ENG 225 - Honors English

Credits: 3.00

For selected students with a high degree of self-motivation.

ENG 226 - Basic Grammar & Hist:English

Credits: 3.00

Fundamentals of English grammar and a brief, non-technical history of the language, including historical perspectives on varieties of contemporary American English. Students will review basic grammatical elements.

Pre-requisites: ENG 101 Minimum Grade: C

ENG 255 - Women and Drama

Credits: 3.00

A survey of the history and literature associated with women in theatre. Includes the history of actual women involved in the evolution of western and eastern theatre traditions as well as drama scripts which deal with the subject of women's issues. Greek through contemporary drama.

Pre-requisites: ENG 210 Minimum Grade: C

ENG 258 - Mythology

Credits: 3.00

An in-depth study of classical mythology to familiarize students with the principle classical allusions encountered in Western imaginative literature.

Pre-requisites: ENG 210 Minimum Grade: C

ENG 279 - Special Topics

Credits: 1.00 to 3.00

Offered periodically to meet student special interests in the field.

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ENG 292 - Workshop

Credits: 1.00 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

ENG 299 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

ENG 300 - Interrelations of the Arts

Credits: 3.00

An examination of the ways in which the fine arts are interrelated, with particular attention given to the differing treatments of important literary, musical, and artistic themes. (Same as Phil 300.)

ENG 309 - Eng Lit I:Beowulf-Trans Write

Credits: 3.00

Historical survey of English literature.

Pre-requisites: ENG 210 Minimum Grade: C

ENG 310 - Eng Lit:Romantics-Modern

Credits: 3.00

Continuing historical survey of English literature.

Pre-requisites: ENG 210 Minimum Grade: C

ENG 311 - World Literature I

Credits: 3.00

Selected masterpieces of world literature from ancient times to 1700. Includes some works from outside the Western tradition.

Pre-requisites: ENG 210 Minimum Grade: C

ENG 312 - World Literature II

Credits: 3.00

Selected masterpieces of world literature from 1700 to the present. Includes some works from outside the Western tradition.

Pre-requisites: ENG 210 Minimum Grade: C

ENG 314 - Adolescent Literature

Credits: 3.00

A course designed to acquaint prospective teachers of English with representative literature of adolescence.

Pre-requisites: ENG 210 Minimum Grade: D

ENG 315 - Children's Literature

Credits: 3.00

Survey of literature for children (ages 0-14) from ancient times to the present. Evaluation and use of books and other resources in the home, in public libraries, and in school media centers.

Pre-requisites: ENG 210 Minimum Grade: C

ENG 316 - Methods/English in Sec School

Credits: 3.00

A study of effective teaching methods used in presenting grammar, composition, and literature to junior and senior high school students. Usually taken as part of the Education licensure program senior block. By faculty permission.

Pre-requisites: ENG 226 Minimum Grade: C

ENG 327 - Intro to Creative Writing

Credits: 3.00

In this course students will learn various techniques of writing poetry, fiction, and other creative prose forms, to develop aesthetic standards, and to evaluate their writing and that of their classmates according to their standards. The writing process, including strategies for invention and revision, will be emphasized, and ideas for the teaching of creative writing will be presented.

ENG 350 - 20th C Brit & Commonwealth Lit

Credits: 3.00

Emphasis on the major writers of the British Commonwealth and the movements they are associated with, including, traditionalists, modernists, and post-modernists. Each course offering is limited to a consideration of three or four authors in depth.

Pre-requisites: ENG 210 Minimum Grade: C

ENG 355 - The Novel

Credits: 3.00

Selected novels written between the 18th century and the present.

Pre-requisites: ENG 210 Minimum Grade: C

ENG 356 - The Russian Novel

Credits: 3.00

A study of major Russian novels.

Pre-requisites: ENG 210 Minimum Grade: C

ENG 357 - Introduction to Linguistics

Credits: 3.00

This course provides a comprehensive introduction to phonetics and phonology, morphology, syntax, and semantics. Additional topics will include first and second language acquisition, language variance, and written language.

Pre-requisites: ENG 226 Minimum Grade: C

ENG 363 - Advanced Composition

Credits: 3.00

Advanced techniques of effective writing for a variety of purposes. Includes a unit on writing for the World Wide Web.

Pre-requisites: ENG 102 Minimum Grade: C

ENG 365 - Ethnic & Minority Literature

Credits: 3.00

A study of the literature of Native American, African-American, Chicano, and other American ethnic and minority groups.

Pre-requisites: ENG 210 Minimum Grade: C

ENG 379 - Special Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

Pre-requisites: ENG 210 Minimum Grade: C

ENG 385 - Women and Literature

Credits: 3.00

A survey of literature written by women beginning with Sappho and focusing on the western tradition. An introduction to feminist literary criticism.

Pre-requisites: ENG 210 Minimum Grade: C

ENG 392 - Workshop

Credits: .50 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

Pre-requisites: ENG 210 Minimum Grade: C

ENG 394 - American Literature I

Credits: 3.00

Pre-Columbian to 1865 survey of American Literature from its native and colonial beginnings through the mid-nineteenth century.

Pre-requisites: ENG 210 Minimum Grade: C

ENG 395 - American Literature II

Credits: 3.00

Survey of American literature from 1865 to the present. Thematic emphases include the development of African American, Native American, and feminist literary traditions; industrialization, urbanization, and the closing of the frontier; realism, naturalism, and modernism; the Lost Generation; and the Sixties and postmodernism.

Pre-requisites: ENG 210 Minimum Grade: C

ENG 399 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

Pre-requisites: ENG 210 Minimum Grade: C

ENG 403 - Shakespeare

Credits: 3.00

Combines study of comedies, histories, and tragedies.

Pre-requisites: ENG 210 Minimum Grade: C

ENG 407 - Chaucer

Credits: 3.00

Concentrates mainly on the Canterbury Tales, but covers other major works as time permits.

Pre-requisites: ENG 210 Minimum Grade: C

ENG 409 - Renaissance Literature

Credits: 3.00

Survey of Renaissance literature, with emphasis on Milton.

Pre-requisites: ENG 210 Minimum Grade: C

ENG 416 - The Teaching of Writing

Credits: 3.00

A study of theories about writing through reading, research, reflection, writing and practice. Students will practice the teaching of writing and develop instructional strategies and philosophies for all levels including college.

ENG 425 - English Syntax

Credits: 3.00

A descriptive study of English syntax in the framework of generative-transformational grammar, with emphasis on theoretical

approaches developed in the 1980's and later.

Pre-requisites: ENG 357 Minimum Grade: C

ENG 426 - Creative Writing: Poetry

Credits: 3.00

This course will teach students to develop their craft and creativity in the genre of poetry. Students will submit original poems weekly, read selected works of contemporary published poetry, and critique their own work and the work of their classmates. They will practice revision and submit revised work in a portfolio of at least 12 pages.

Pre-requisites: ENG 327 Minimum Grade: C

ENG 427 - Creative Writing: Fiction

Credits: 3.00

This course will teach students to develop their craft and creativity in the genre of prose fiction (short story and novel) and autobiographical narrative. Students will submit their original writing, read works of published fiction, and critique their own work and the work of their classmates.

Pre-requisites: ENG 327 Minimum Grade: C

ENG 443 - 20th Century American Novel

Credits: 3.00

Selected American Novelists 1900 to present.

Pre-requisites: ENG 210 Minimum Grade: C

ENG 450 - Romantic and Victorian Lit

Credits: 3.00

Selected works of major English writers of the Romantic and Victorian periods.

Pre-requisites: ENG 210 Minimum Grade: C

ENG 458 - Modern Poetry

Credits: 3.00

Study of modern and contemporary poetry with emphasis on American poets.

Pre-requisites: ENG 210 Minimum Grade: C

ENG 465 - Modern Drama

Credits: 3.00

Study of representative modern European and American plays.

Pre-requisites: ENG 210 Minimum Grade: C

ENG 470 - Classical Drama

Credits: 3.00

A chronological study of the major periods of dramatic literature, from the emergence of Greek Tragedy in the 5th century B.C. to the development of European Realism in the late 19th century. The focus of the course will be placed equally upon script analysis and dramaturgy.

Pre-requisites: ENG 210 Minimum Grade: C

ENG 479 - Special Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

Pre-requisites: ENG 210 Minimum Grade: C

ENG 480 - Contemporary Literary Theory

Credits: 3.00

Study of the developments of literary critical theory and practice from the beginning of the 20th century to the present. Some emphasis on important earlier theories as they relate to contemporary developments.

Pre-requisites: ENG 210 Minimum Grade: C

ENG 490 - Studies in Major Authors

Credits: 3.00

Study of major figures in fiction, dramatic literature, and poetry. Author(s) will be selected by instructor.

Pre-requisites: ENG 210 Minimum Grade: C

ENG 492 - Workshop

Credits: .50 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

Pre-requisites: ENG 210 Minimum Grade: C

ENG 495 - Senior Seminar

Credits: 3.00

This course is designed to be the academic capstone experience for all students who are majoring in English/Liberal Arts and to prepare students for graduate studies in the field. Subject matter will vary depending upon the instructor's specialization or area of interest. All seminar students will write a major research essay that reflects the student's mastery of library usage, research methodology, breadth of knowledge, critical thinking, and writing ability.

Pre-requisites: ENG 201 Minimum Grade: C

ENG 499 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

Environmental Science**ENV 101L - Intro to Environmental Sci Lab**

Credits: 1.00

*Co-requisites: ENV 101***Exercise Physiol & Leisure Sci****EPLS 100 - Foundations of Physical Educ**

Credits: 2.00

Acquaints freshman majors and minors with the origin, scope, development, and purpose of the teacher training program in health and physical education.

EPLS 105 - Beginning Swimming

Credits: 1.00

This is a beginning swimming course designed to teach and access the fundamental skills and the five basic strokes of swimming. Students demonstrating proficiency in these five basic strokes will be allowed to test out of this course.

EPLS 111 - Issues in Wellness

Credits: 2.00

A general education course designed to instruct students in higher levels of health and fitness; a process enabling them to live their lives to the fullest.

EPLS 130 - Teaching Ind/Dual Activities

Credits: 2.00

This course is designed for EPLS majors within the teaching emphasis. It will educate these majors in the basic skills, lead-up activities, and patterns of motor performance needed to successfully participate in and ultimately teach a variety of individual and dual activities.

EPLS 131 - Teaching Ind/Dual Activities

Credits: 2.00

This course is designed for EPLS majors within the teaching emphasis. It will educate these majors in the basic skills, lead-up activities, and patterns of motor performance needed to suc-

cessfully participate in and ultimately teach a variety of individual and dual activities.

EPLS 148 - Intro to Athletic Training

Credits: 2.00

This course is designed to introduce prospective athletic training students to the history of the NATA, athletic training programs, policy and procedures, documentation, facility design, and OSHA regulations for the athletic training profession.

EPLS 179 - Special Topics

Credits: 1.00 to 5.00

Offered periodically to meet student special interests in the field.

EPLS 192 - Workshops

Credits: .50 to 5.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

EPLS 199 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

EPLS 202 - Lifeguard Training

Credits: 3.00

Qualifies students for Red Cross Lifeguard Training certification and Lifeguard Training Instructor's certification.

EPLS 209 - Care/Prevention Athletic Injur

Credits: 2.00

Understanding the care and prevention of athletic injuries, including the evaluation, nature, types, and functions of various rehabilitation programs.

EPLS 226 - Exercise Physiology

Credits: 3.00

Introduction and overview of the physiological basis of physical education and athletics. The effects of exercise on the various systems will be considered. Practical application of exercise science to physical fitness and athletic performance will be emphasized.

Pre-requisites: BIOL 112 Minimum Grade: C

EPLS 230 - Teaching Team Activities

Credits: 2.00

This course is designed for EPLS majors with in the teaching emphasis. It will educate these majors in the basic skills, lead-up activities, and patterns of motor performance needed to successfully participate in and ultimately teach a variety of team activities.

EPLS 245 - Athletic Training Practicum I

Credits: 1.00

Advanced field experience in the application of learned principles in athletic training. Eight, four week rotations with Fall and Winter intercollegiate athletic teams. Completion of clinical proficiencies in the pathology of injuries and illnesses, and assessment and evaluation domains is required.

Pre-requisites: EPLS 209 Minimum Grade: C and EPLS 247 Minimum Grade: C and BIOL 105 Minimum Grade: C and BIOL 106 Minimum Grade: C

EPLS 246 - Athletic Training Practicum II

Credits: 1.00

Advanced field experience in the application of learned principles in athletic training. Eight, four week rotations with Winter and Spring intercollegiate athletic teams. Completion of clinical proficiencies in the pathology of injuries and illnesses, and assessment and evaluation domains is required.

Pre-requisites: EPLS 209 Minimum Grade: C and EPLS 247 Minimum Grade: C and BIOL 105 Minimum Grade: C and BIOL 106 Minimum Grade: C

EPLS 247 - Emergency Response

Credits: 2.00

Practical and accepted first aid methods and techniques stressing diagnosis and treatment of injuries caused by common accidents. This course covers practical and accepted first aid methods and techniques stressing evaluation and treatment of injuries caused by common accidents. Certification in Community First Aid and Safety, CPR, Professional Rescuer, Automated External Defibrillator and Oxygen Administration upon successful skill completion.

EPLS 249 - Sports Writing & Statistics

Credits: 1.00 to 2.00

Designed to give interested students an opportunity to help with statistical procedures related to various sport programs. Sport and news release writing may also be included when appropriate.

EPLS 250 - Intro to Coaching

Credits: 1.00

This course has been developed to meet one of the requisites for the Colorado High School Activities Association (CHSAA) Coaching Registration Program. As per CHSAA by-laws, anyone (either paid or unpaid) who does not hold a teaching certificate and is responsible for supervising athletic teams or competitive cheerleaders in both private (8/1996) and public schools must have a "Coaching Registration" granted by CHSAA. This course will allow students to take the CHSAA Coaches Test to be filed under successful completion, with CHSAA and, if additional requisites are met, allow students the ability to apply for a 3 year coaching registration. Students in this course will receive information about the registration process and will be introduced to basic athletic coaching ideals and practices needed and desired to become successful and effective leaders of young athletes.

EPLS 255 - Athletic Training Prof I

Credits: 2.00

This course exposes students to athletic training clinical experiences with concentration on Acute Care, Nutrition, and Therapeutic Modalities.

Pre-requisites: EPLS 209 Minimum Grade: C and EPLS 247 Minimum Grade: C

EPLS 260 - Tests and Measurements

Credits: 2.00

An elementary course in analysis of motor performance using objective tests and subjective ratings. Construction and evaluation of knowledge and skills tests. Basic methods of interpreting test scores and developing grading scales.

EPLS 279 - Special Topics

Credits: 1.00 to 5.00

Offered periodically to meet student special interests in the field.

EPLS 292 - Workshops

Credits: .50 to 5.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

EPLS 299 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

EPLS 300 - Promote a Healthy Environment

Credits: 3.00

In this course licensure candidate students will receive instruction in such areas as conflict resolution and mediation, empathy and compassion, non-violent restraint training, child health and nutritional concerns, crisis intervention, basic first aid and CPR, and emergency protocol as they relate to developing safe and healthy school atmospheres.

Co-requisites:

EPLS 300L - Promote a Healthy Envrnmnt Lab

Credits: .00

Co-requisites: EPLS 300

EPLS 301 - Sport & Fitness Nutrition

Credits: 2.00

This course will present a review of basic nutrition and then explore the areas of sport and fitness nutrition, supplementation, sport drug abuse, weight loss diets, eating disorders, weight gain nutrition, and the metabolic nutritional requirements of various sports and fitness activities.

EPLS 303 - Water Safety Instruction

Credits: 2.00

Qualifies students for Red Cross water safety instructor's certification.

EPLS 308 - Eval/Rehab Athletic Injuries

Credits: 3.00

Provides the student with programs, theories, and concepts vital to conditioning, reconditioning, and rehabilitation of athletic injuries.

Pre-requisites: EPLS 209 Minimum Grade: C and BIOL 105 Minimum Grade: C or BIOL 112 Minimum Grade: C

EPLS 310 - Dance Fundamentals (K-12)

Credits: 2.00

Methods of teaching creative rhythmic activities, folk, square, and social dance-- elementary and secondary.

EPLS 311 - Health Ed Teaching Methods

Credits: 2.00

Gives the prospective teacher a foundation in school health education, elementary through secondary, including methods and materials for health instruction, promotion of healthful living, and understanding of the health service program.

EPLS 312 - PE In Elementary School

Credits: 3.00

Theory and techniques of elementary school physical education activities based on a study of the psychological and physiological needs of children at various age levels.

EPLS 314 - Health Promotion

Credits: 2.00

This course examines the factors that influence a healthy society: heredity, environment, health care services, and lifestyle choices.

EPLS 315 - Methods of Teaching PE-Elem

Credits: 3.00

Methods and materials of teaching movement experiences to children of elementary school age. Colorado Assessment Examinations must have been taken.

Pre-requisites: EPLS 312 Minimum Grade: D

EPLS 316 - Methods and Materials in PE

Credits: 2.00

This course designed to introduce pre-professional secondary physical education students to the secondary teaching process. The focus of this course is on the organizational or content behaviors necessary to become an effective secondary physical educator. 20 hours of supervised field based experience is required.

Pre-requisites: EPLS 130 Minimum Grade: C and EPLS 131 Minimum Grade: C and EPLS 230 Minimum Grade: C

EPLS 316L - Methods/Materials in PE Lab

Credits: .00

EPLS 317 - Methods and Materials in PE

Credits: 2.00

This course designed to introduce pre-professional secondary physical education students to the secondary teaching process. The focus of this course is on the organizational or content behaviors necessary to become an effective secondary physical educator. 20 hours of supervised field based experience is required.

Pre-requisites: EPLS 316 Minimum Grade: C

EPLS 317L - Methods & Materials in PE

Lab

Credits: .00

Co-requisites: EPLS 317

EPLS 320 - Tech/Coach Officiating Basketbl

Credits: 3.00

Basketball. Coaching and training of athletic teams. Special emphasis on recent trends and systems, offensive and defensive play, and fundamentals of individual skills and play. A study and practicum of the rules and mechanics of officiating basketball.

EPLS 321 - Tech of Coach/Offic Football

Credits: 3.00

Football. Coaching and training of athletic teams. Special emphasis on recent trends and systems, offensive and defensive play, and fundamentals of individual skills and play. A study and practicum of the rules and mechanics of officiating football.

EPLS 323 - Tech Coach/Offic Softball

Credits: 3.00

Softball. Coaching and training of athletic teams. Special emphasis on recent trends and systems, offensive and defensive play, and fundamentals of individual skills and play. A study and practicum of the rules and mechanics of officiating softball.

EPLS 324 - Tech Coach/Offic Track & Field

Credits: 3.00

Track and field. Coaching and training of athletic teams. Special emphasis on recent trends and systems, offensive and defensive play, and fundamentals of individual skills and play. A study and practicum of the rules and mechanics of officiating track and field.

EPLS 325 - Tech/Coach & Offic Volleyball

Credits: 3.00

Volleyball. Coaching and training of athletic teams. Special emphasis on recent trends and systems, offensive and defensive play, and fundamentals of individual skills and play. A study and practicum of the rules and mechanics of officiating volleyball.

EPLS 326 - Tech Coach/Offic Wrestling

Credits: 3.00

Wrestling. Coaching and training of athletic teams. Special emphasis on recent trends and systems, offensive and defensive play, and fundamentals of individual skills and play. A study and practicum of the rules and mechanics of officiating wrestling.

EPLS 327 - Tech Coach Strength/Condition

Credits: 3.00

This course is designed to provide information relative to the foundation of coaching sport conditioning including muscle physiology, bioenergetics, training methodology, exercise technique, program design, and facility management.

Pre-requisites: BIOL 111 Minimum Grade: C and EPLS 226 Minimum Grade: C

EPLS 328 - Coach/Officiating Soccer Techs

Credits: 3.00

This course is a study of the theory, techniques and practical application of coaching soccer. Covering the evolution of the game, systems of play used in the modern game as well as the principals of offense and defense and how they are applied to the game of soccer.

EPLS 340 - Kinesiology

Credits: 3.00

Focuses on the nature of human movement as influenced by those motor factors and mechanical principles that apply at rest and in motion.

Pre-requisites: BIOL 112 Minimum Grade: C or BIOL 105 Minimum Grade: C and EPLS 226 Minimum Grade: C

EPLS 341 - Human Motor Development

Credits: 3.00

This course is designed to educate EPLS majors in the principles of human motor behavior and

its influence on cognitive, affective, and psychomotor development throughout the lifespan. It will introduce students to factors that affect the intellectual, social, emotional, and physical development, growth and maturation of individuals relative to motor acquisition and regression.

EPLS 345 - Athletic Training Practicum III

Credits: 1.00

This course provides advanced field experience in the application of learned principles in athletic training. Students will be assigned an ASC intercollegiate athletic team (other than football) to work with through the preseason, conditioning season and post-season. Completion of clinical proficiencies in therapeutic modalities and exercise domains is required.

Pre-requisites: EPLS 245 Minimum Grade: C and EPLS 246 Minimum Grade: C

EPLS 346 - Athletic Training Practicum IV

Credits: 1.00

This course provides advanced field experience in the application of learned principles in athletic training. Students will be assigned an ASC intercollegiate athletic team (other than football) to work with through the preseason, conditioning season and post-season. Completion of clinical proficiencies in therapeutic modalities and exercise domains is required.

Pre-requisites: EPLS 245 Minimum Grade: C and EPLS 246 Minimum Grade: C

EPLS 355 - Athletic Training Prof II

Credits: 2.00

This course provides athletic training clinical experiences with concentration of risk management and injury prevention, assessment and evaluation, general medical conditions, psychological intervention and referral.

Pre-requisites: EPLS 209 Minimum Grade: C and EPLS 309 Minimum Grade: C and EPLS 111 Minimum Grade: C

EPLS 356 - Athletic Training Prof III

Credits: 2.00

This course is designed for the development of knowledge, skills, and values that the entry-level certified athletic trainer must possess to understand and recognize the aspects of phar-

macology, pathology of injuries, and therapeutic exercise as it relates to athletics and physical activity.

Pre-requisites: EPLS 209 Minimum Grade: C and EPLS 308 Minimum Grade: C and EPLS 402 Minimum Grade: C

EPLS 379 - Special Topics

Credits: 1.00 to 5.00

Offered periodically to meet student special interests in the field.

EPLS 392 - Workshops

Credits: .50 to 5.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

EPLS 399 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

EPLS 401 - Therapeutic Modalities

Credits: 3.00

This course is designed to provide theory, and practical application of the various therapeutic modalities used in the treatment of athletic injuries. Information gained during this course will provide students with an understanding of tissue healing and the physiological and psychological effects that therapeutic modalities have on tissue healing and the injury cycle.

Pre-requisites: EPLS 209 Minimum Grade: C and EPLS 226 Minimum Grade: C and EPLS 309 Minimum Grade: C

EPLS 402 - Therapeutic Exercise

Credits: 3.00

This course provides the student with programs, theories, and concepts vital to conditioning, reconditioning and rehabilitation of athletic injuries.

Pre-requisites: EPLS 209 Minimum Grade: C and EPLS 308 Minimum Grade: C

EPLS 422 - Exercise Eval & Fitness Manage

Credits: 2.00

Designed to familiarize students with the current methods used to determine levels of fitness

and to prescribe proper methods used to correct deficiencies in individuals.

Pre-requisites: EPLS 226 Minimum Grade: C

EPLS 436 - Sport and Exercise Psychology

Credits: 2.00

A study of the psychological and sociological aspects of physical education and sport and the implications for effective teaching and coaching practices related to this knowledge.

EPLS 438 - Soc Aspects of Sports and PE

Credits: 3.00

This course is designed to introduce students to the sociological aspects of sport and encourage students to ask questions and think critically about sports as parts of social life. It is intended for those students taking their first look at sports from a sociological perspective.

EPLS 440 - Organization/Admin of PE

Credits: 2.00

Considers administrative policies of the physical education department; the staff activities, care of equipment, budget, plant, and evaluation. Attention is also directed toward the organization of physical education material for a progressive program in the public schools.

EPLS 445 - Athletic Training Practicum V

Credits: 1.00

This course provides advanced field placement in the application of learned principles in athletic training. Students will be assigned to work with a certified athletic trainer as the head student athletic trainer for 16 weeks at a college or high school under the direct supervision of a certified athletic trainer.

Pre-requisites: EPLS 345 Minimum Grade: C and EPLS 346 Minimum Grade: C

EPLS 446 - Athletic Training Practicum VI

Credits: 1.00

This course provides advanced field placement in the application of learned principles in athletic training. Students will be assigned to work with a certified athletic trainer in a physical therapy clinic, 20 hours per week for 16 weeks.

Pre-requisites: EPLS 345 Minimum Grade: C and EPLS 346 Minimum Grade: C

EPLS 448 - Adapted Physical Education

Credits: 2.00

A survey of common deviations of posture and feet, functional disturbances, and crippling conditions found in school children.

Consideration will be given to the extent and limitations of the responsibility of the teacher for their amelioration or improvement.

Pre-requisites: BIOL 112 Minimum Grade: C

EPLS 450 - Sr Seminar in Teaching Phys Ed

Credits: 2.00

An opportunity to refine teaching techniques and classroom management through the use of various systems, including audio-visuals, etc.

Factors such as discipline, grading, curriculum development, unit and daily lesson plans will be considered. Colorado Assessment Examinations must have been taken.

Pre-requisites: EPLS 316 Minimum Grade: C and EPLS 317 Minimum Grade: C

EPLS 450L - Sr Seminar/Teaching PE Lab

Credits: .00

EPLS 455 - Athletic Training Practicum IV

Credits: 2.00

Designed for the development of knowledge, skills, and values that the entry-level certified athletic trainer must possess to understand and recognize the aspects of health care administration and professional development as it relates to athletics and physical activity.

Pre-requisites: EPLS 209 Minimum Grade: C and EPLS 308 Minimum Grade: C and EPLS 402 Minimum Grade: C

EPLS 459 - Selected Topics

Credits: 1.00 to 5.00

A study of selected course material taught off-campus.

EPLS 469 - Educational Issues

Credits: 1.00 to 5.00

Available in each department and designed for staff development and/or in-service credit.

Selected educational issues taught off-campus. Subject matter determined by school district needs. Courses may not be used to satisfy program requirements without prior approval.

EPLS 479 - Special Topics

Credits: 1.00 to 5.00

Offered periodically to meet student special interests in the field.

EPLS 480 - Coaching Practicum

Credits: 3.00

A structured practical experience in which the student actually assists a qualified coaching professional. Students who expect to achieve teacher certification and who will be working in the public schools must have taken the Colorado Assessment Examinations prior to the practicum assignment.

EPLS 482 - Seminar

Credits: 1.00 to 5.00

Selected seminar topics taught off-campus.

EPLS 485 - Sport Management Practicum

Credits: 3.00

This practicum is designed to provide the student with actual fieldwork experiences in sport and exercise management. It will give students the opportunity to work with actual clients thus enhancing and expanding the skills developed during their undergraduate program.

*Pre-requisites: EPLS 422 Minimum Grade: C***EPLS 489 - In-Service**

Credits: 1.00 to 5.00

Available in each department and designed for staff development and/or in-service credit. In-service topics taught off-campus. Subject matter determined by school district needs. These courses may not be used to satisfy program requirements without prior approval.

EPLS 492 - Workshops

Credits: .50 to 5.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

EPLS 499 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

French**FR 103 - Elementary French I**

Credits: 4.00

Covers the principles of pronunciation and essentials of grammar in addition to practice in conversation, composition, and reading.

FR 104 - Elementary French II

Credits: 4.00

Covers the principles of pronunciation and essentials of grammar in addition to practice in conversation, composition, and reading.

FR 135 - Begin Conversational French

Credits: 2.00

Practice in speaking French. Discussion based on cultural topics.

FR 179 - Special Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

FR 192 - Workshop

Credits: 1.00 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

FR 199 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

FR 203 - Intermediate French

Credits: 3.00

A review of grammar, practice in composition, speaking and understanding French, intensive work in reading, and some discussion of the literature read.

*Pre-requisites: FR 103 Minimum Grade: D and FR 104 Minimum Grade: D***FR 204 - Intermediate French**

Credits: 3.00

A review of grammar, practice in composition, speaking and understanding French, intensive work in reading, and some discussion of the literature read.

Pre-requisites: FR 103 Minimum Grade: D and FR 104 Minimum Grade: D

FR 235 - Continuing Conv. French

Credits: 2.00

Practice in speaking French. Discussion based on cultural topics.

Pre-requisites: FR 135 Minimum Grade: D

FR 279 - Special Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

FR 292 - Workshop

Credits: 1.00 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

FR 299 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

FR 379 - Special Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

FR 392 - Workshop

Credits: .50 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

FR 399 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

FR 479 - Special Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

FR 492 - Workshop

Credits: .50 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

FR 499 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

Geography

GEOG 179 - Special Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

GEOG 192 - Workshop

Credits: 1.00 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

GEOG 199 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

GEOG 215 - Cultural Geography of Lat Am

Credits: 3.00

An introduction to the study of contemporary Latin America. Particular attention will be given to the region's cultural and sociological characteristics and to the quest for economic development.

GEOG 279 - Special Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

GEOG 292 - Workshop

Credits: 1.00 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

GEOG 299 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

GEOG 300 - World Geography

Credits: 3.00

A study of historical, political, economic, and demographic aspects of world geography emphasizing the role of geography in the development of nations. This course will fulfill the Colorado Department of Teacher Education requirement in geography for social studies licensure.

GEOG 379 - Special Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

GEOG 392 - Workshop

Credits: 1.00 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

GEOG 399 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

GEOG 479 - Special Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

GEOG 492 - Workshop

Credits: .50 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

GEOG 499 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

Geology**GEOG 111 - Physical Geology**

Credits: 3.00

An introduction to the materials of the earth and the internal and surficial processes that have acted upon the earth through time. Laboratory work includes identification and

classification of minerals and rocks and exercises involving topographic and geological maps.

Co-requisites: GEOL 111L

GEOL 111L - Physical Geology Lab

Credits: 1.00

An introduction to the materials of the earth and the internal and surficial processes that have acted upon the earth through time. Laboratory work includes identification and classification of minerals and rocks and exercises involving topographic and geological maps.

Co-requisites: GEOL 111

GEOL 112 - Historical Geology

Credits: 4.00

Introduction to the geological evolution of the earth through time using basic principles of stratigraphy and paleontology. Laboratory work includes identification and classification of fossils and correlation of sedimentary environments.

Pre-requisites: GEOL 111 Minimum Grade: C

GEOL 112L - Historical Geology Lab

Credits: 1.00

GEOL 121 - Field Study I

Credits: 1.00

Local geology of the San Luis Valley and surrounding areas on day trips. Grades are pass/fail only. Outdoor activity required.

Pre-requisites: GEOL 111 Minimum Grade: D

GEOL 122 - Field Study II

Credits: 1.00

Local geology of the San Luis Valley and surrounding areas on day trips. Grades are pass/fail only. Outdoor activity required.

Pre-requisites: GEOL 111 Minimum Grade: D

GEOL 179 - Special Topics

Credits: 1.00 to 5.00

Offered periodically to meet student special interests in the field.

GEOL 192 - Workshop

Credits: 1.00 to 4.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

GEOL 199 - Individual Studies

Credits: 1.00 to 5.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

GEOL 279 - Special Topics

Credits: 1.00 to 5.00

Offered periodically to meet student special interests in the field.

GEOL 292 - Workshop

Credits: 1.00 to 4.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

GEOL 299 - Individual Studies

Credits: 1.00 to 5.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

GEOL 321 - Geomorphology w/Env Applic

Credits: 4.00

A study of the processes that control the development of the materials and landforms found on the earth's surface. An emphasis is placed upon the hydrologic variables in generating landforms and human interactions with these formative processes. Field trips, topographic map, and aerial photo exercises are required. Spring semester of even-numbered academic years.

Pre-requisites: GEOL 111 Minimum Grade: C

GEOL 331 - Mineralogy

Credits: 4.00

Systematic identification of natural minerals and gemstones utilizing their physical and crystallographic characteristics. Fall semester of odd numbered academic years.

Pre-requisites: GEOL 111 Minimum Grade: C

GEOL 332 - Optical Mineralogy

Credits: 3.00

A laboratory course based upon the interaction of light as it passes through non-opaque minerals. Students are to learn the optical properties of the common rock-forming minerals as iden-

tified using a petrographic microscope. This course requires permission of instructor for registration purposes.

Pre-requisites: GEOL 331 Minimum Grade: C

GEOL 338 - Petrology

Credits: 4.00

The study of the occurrence and origin of igneous, sedimentary, and metamorphic rocks. Laboratory exercises will emphasize the petrographic analysis of thin sections. Course includes required field trips. Spring semester of odd-numbered academic years.

Co-requisites:

Pre-requisites: GEOL 331 Minimum Grade: C

GEOL 339 - Petrology

Credits: 5.00

The study of the occurrence and origin of igneous, sedimentary, and metamorphic rocks. Laboratory exercises in the 4-credit option will emphasize hand sample analysis. Laboratory exercises in the 5-credit option will emphasize hand sample analysis and the petrographic analysis of thin sections. Course includes required field trips. Spring semester of odd-numbered academic years. BA degree candidates will enroll with the 4-credit option. BS candidates will enroll with the 5-credit option.

Pre-requisites: GEOL 331 Minimum Grade: C and GEOL 332 Minimum Grade: C

GEOL 340 - Intro to Hydrogeology

Credits: 4.00

Dynamics of the groundwater system and its relationship with surface water systems of rivers, lakes, and oceans. Fall semester of even-numbered academic years.

Pre-requisites: MATH 106 Minimum Grade: C

GEOL 343 - Sedimentology & Stratigraphy

Credits: 4.00

The study of the origin and occurrence of sedimentary materials and their vertical succession. Sediment dynamics and structures will be explored within various depositional settings. Course includes required field trips. Fall semester of odd-numbered academic years.

Pre-requisites: GEOL 112 Minimum Grade: C

GEOL 350 - Geologic Excurs/Texas Region

Credits: 2.00

A field trip of approximately one week, generally during spring break, every third year, to the Texas region of the western U.S. Each field excursion may be taken only once for credit. An additional fee is required.

Pre-requisites: GEOL 112 Minimum Grade: C

GEOL 351 - Geol Excursion/Arizona Region

Credits: 2.00

A field trip of approximately one week, generally during spring break, every third year, to the Arizona region of the western U.S. Each field excursion may be taken only once for credit. An additional fee is required.

Pre-requisites: GEOL 112 Minimum Grade: C

GEOL 352 - Geol Excursion/Utah Region

Credits: 2.00

A field trip of approximately one week, generally during spring break, every third year, to the Utah region of the western U.S. Each field excursion may be taken only once for credit. An additional fee is required.

Pre-requisites: GEOL 112 Minimum Grade: C

GEOL 361 - Geographic Info Science

Credits: 3.00

This course is an introduction to geographic information science (GIS). The course will allow students to become familiarized with the new technology of spatial distributions and mapping. Terminology, conceptual understandings and experience with some of the available GIS software are the basic goals of this course. To register for this course you must have taken the technology proficiency exam.

Pre-requisites: CSCI 100 Minimum Grade: C or CSCI 150 Minimum Grade: C

GEOL 361L - Geographic Info Systems Lab

Credits: 1.00

GEOL 371 - Structural Geology

Credits: 4.00

Recognition, representation, and significance of geologic structures of the earth's crust. Course includes occasional required field trips. Fall semester of even-numbered academic years.

Pre-requisites: GEOL 111 Minimum Grade: C

GEOL 371L - Structural Geology Lab

Credits: 1.00

Pre-requisites: GEOL 111L Minimum Grade: D

GEOL 379 - Special Topics

Credits: 1.00 to 5.00

Offered periodically to meet student special interests in the field.

GEOL 388 - Problems in Geology

Credits: 1.00 or 2.00

Opportunity for laboratory or field research into problems of special interest. Fall and spring semesters upon sufficient interest.

GEOL 392 - Workshop

Credits: 1.00 to 4.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

GEOL 399 - Individual Studies

Credits: 1.00 to 5.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

GEOL 430 - Tectonics of North America

Credits: 3.00

An integrative course examining the lithologic, stratigraphic, and structural evidence supporting current tectonic models for the evolution of the North American Plate. Spring semester of even-numbered academic years.

Pre-requisites: GEOL 334 Minimum Grade: D and GEOL 364 Minimum Grade: D

GEOL 433 - Environmental Geochemistry

Credits: 3.00

A lecture course examining the interaction of geological materials with the surface environment. Processes of transport and fate of contaminants and pollutants from natural and manmade sources will be addressed, as well as the geology of some natural resources that contribute pollutants. Spring semester of odd-numbered academic years.

Pre-requisites: GEOL 111 Minimum Grade: C and CHEM 131 Minimum Grade: C and CHEM 132 Minimum Grade: C

GEOL 446 - Field Methods

Credits: 2.00

Techniques and concepts of basic geologic field mapping and section measuring including the use of the plane table and alidade, theodolite, Brunton compass, and GPS. Spring semester of even-numbered academic years.

Pre-requisites: GEOL 371 Minimum Grade: C

GEOL 461 - Adv Geographic Info Systems

Credits: 3.00

In depth studies of various methods of spatial analysis and advanced applications of computer methodologies in computer-based mapping, with an emphasis on natural resources and land-use. Other areas may also be addressed, as student interest indicates. This course requires permission of instructor for registration.

Pre-requisites: GEOL 361 Minimum Grade: C

GEOL 479 - Special Topics

Credits: 1.00 to 5.00

Offered periodically to meet student special interests in the field.

GEOL 488 - Problems in Geology

Credits: 1.00 or 2.00

Opportunity for laboratory or field research into problems of special interest. Fall and spring semesters upon sufficient interest.

GEOL 492 - Workshop

Credits: 1.00 to 4.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

GEOL 495 - Field Geology

Credits: 6.00

Course teaches fundamental applications of traditional geological field mapping methods and recognition of geological features in an outdoor setting. Report writing, presentations, and planning for fieldwork are also covered. Modern technology is included wherever appropriate to learning field-based methods. Spring semester of even-numbered academic years.

Pre-requisites: GEOL 446 Minimum Grade: C

GEOL 499 - Individual Studies

Credits: 1.00 to 5.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

Government

GOVT 179 - Special Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

GOVT 192 - Workshop

Credits: 1.00 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

GOVT 199 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

GOVT 206 - Contemporary American Politics

Credits: 3.00

Organization, operation, and practical concerns of politics from precinct to national levels.

GOVT 279 - Special Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

GOVT 291 - American Government

Credits: 3.00

A survey of national governmental/political processes, American democracy, the Constitution, political parties, the executive/congressional/judicial branches, and contemporary issues.

GOVT 292 - Workshop

Credits: 1.00 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

GOVT 299 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

GOVT 300 - Introduction to World Politics

Credits: 3.00

This course is of interest to history/government students who want a better understanding of the international political arena. The course also helps students understand contemporary world affairs.

GOVT 301 - Chang Dynamics/Int'l Relations

Credits: 3.00

This course is intended to supplement Govt 300, but can stand on its own. It introduces students to specific topics in the international arena.

GOVT 307 - Intro to World Governments

Credits: 3.00

This course is specifically designed to prepare education majors for the licensing exam. It is also of interest to history/government students who want a better understanding of institutions and systems.

GOVT 308 - Pacific Rim/21st Century World

Credits: 3.00

This course is of interest to history/government students who want a better understanding of international politics in the Pacific Rim region. The course also helps students understand the relationship between politics and economics.

GOVT 325 - Political Mvmnts/Latin America

Credits: 3.00

This course broadens students' understanding of Latin America by introducing them to their political aspirations and modes of organization. The course is a useful option for those pursuing Latin America as a regional emphasis in either history or government.

GOVT 379 - Special Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

GOVT 392 - Workshop

Credits: 1.00 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

GOVT 399 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

GOVT 429 - Constitutional Law I

Credits: 3.00

A chronological examination of leading Supreme Court decisions from the formation of the republic under the constitution through the 1920's.

GOVT 430 - Constitutional Law II

Credits: 3.00

American courts, decisions, and problems of the twentieth century. Recent events are approached in a special seminar format.

GOVT 450 - The Legislative Process

Credits: 3.00

A comprehensive examination of the congressional committee system, leadership roles, pressure groups, and other influences that determine the nation's laws.

GOVT 460 - Pre-Law Studies Seminar

Credits: 3.00

Taught in an intensive Socratic format, this course is designed to prepare students specifically to read, write, and think like a lawyer. In addition to formal classroom exercises, students shall visit courts and interact with practicing attorneys.

GOVT 466 - Ancient Political Theory

Credits: 3.00

This course is of interest to history/government students who want a better understanding of ancient philosophy and its relationship to political thought.

GOVT 467 - Modern Political Theory

Credits: 3.00

This course is of interest to history/government students who want a better understanding of modern philosophy and its relationship to political thought.

GOVT 468 - U S/Latin American Relations

Credits: 3.00

This course will examine U.S.-Latin American Relations from the Monroe Doctrine to the present. The course will explore recent developments in U.S.-Latin American relations, particularly the growing interdependence and the impact of the end of the Cold War.

GOVT 470 - Readings

Credits: 3.00

GOVT 479 - Special Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

GOVT 492 - Workshop

Credits: .50 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

GOVT 499 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

**History/Government/
Philosophy**

HGP 110 - Development of Civilization

Credits: 3.00

A study of Western and Eastern civilizations from their neolithic origins to the present, with emphasis on cultural and institutional developments.

HGP 111 - Development of Civilization

Credits: 3.00

A study of Western and Eastern civilizations from their neolithic origins to the present, with

emphasis on cultural and institutional developments.

HGP 179 - Special Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

HGP 192 - Workshop

Credits: 1.00 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

HGP 199 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

HGP 279 - Special Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

HGP 292 - Workshop

Credits: 1.00 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

HGP 299 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

HGP 316 - Methods/Teaching Soc Studies

Credits: 3.00

An introduction to concepts and techniques of imparting state content area standards to middle school and high school students.

HGP 379 - Special Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

HGP 392 - Workshop

Credits: .50 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

HGP 399 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

HGP 471 - Senior Seminar

Credits: 3.00

This course is designed to be the academic capstone experience for all students who have majored in history/government. All seminar members will participate in the discussion of assigned reading material. Each student will write a paper that reflects the student's mastery of library usage, research methodology, breadth of knowledge, and writing ability. The students will give oral presentations of their papers to the members of the Seminar. To be admitted to this seminar, a student must have the permission of the department head.

HGP 479 - Special Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

HGP 492 - Workshop

Credits: .50 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

HGP 499 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

History**HIST 179 - Special Topics**

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

HIST 192 - Workshop

Credits: 1.00 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

HIST 199 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

HIST 202 - American History to 1865

Credits: 3.00

A chronological examination of American problems and progress.

HIST 203 - Amer History 1865 to Present

Credits: 3.00

A chronological examination of American problems and progress.

HIST 279 - Special Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

HIST 292 - Workshop

Credits: 1.00 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

HIST 299 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

HIST 301 - Colorado History

Credits: 3.00

The development of Colorado from prehistoric times to the present.

HIST 314 - Colonial America

Credits: 3.00

An examination of the development of Europe's North American colonies from their planting to the eve of the American Revolution.

HIST 316 - Amer Revol & Federalist Era

Credits: 3.00

A comprehensive study of the period from 1763 to 1801, with particular attention given to the American Revolution, the Confederation, the Constitutional

Convention, and the administrations of Presidents Washington and Adams.

HIST 318 - Foundations of American Diplomacy

Credits: 3.00

An examination of the United States' relations with other nations from the American Revolution to the end of the 19th century.

HIST 322 - The Gilded Age

Credits: 3.00

A detailed survey of American diplomatic, social, and political developments from the Civil War to the eve of the twentieth century, with particular attention given to the industrialization and urbanization of the United States.

HIST 328 - Chicano History

Credits: 3.00

A survey of the historical development of the character, economy, social structure, politics, culture, and ideas of the Spanish-speaking people of Mexican descent in the U.S. from settlement until the present, with particular attention given to the San Luis Valley.

HIST 330 - The Middle Ages

Credits: 3.00

A survey of the development of European civilization from the decline of the Roman Empire to the Italian Renaissance.

HIST 331 - Renaissance and Reformation

Credits: 3.00

A survey of European civilization from the end of the Middle Ages through the Renaissance and Reformation, with special emphasis on culture, religion, art, politics, science, and social history.

HIST 334 - French Revolution & Napoleon

Credits: 3.00

An examination of the many complex causes, effects, and lessons of the French Revolution, including daily life, the Estates, politics, economics and the absolute monarchy in Old Regime France, the onset of the Revolution, Napoleon and his empire.

HIST 342 - England

Credits: 3.00

A study of the social, economic, political, and constitutional development of the English state, with emphasis on the evolution of the Empire and contemporary Great Britain.

HIST 346 - Imperial Spain

Credits: 3.00

This course examines the development of the Spanish Nation, focusing on the political, religious, and cultural aspects of the Dyarchy of Ferdinand and Isabella, and the colonization and Imperial administration of the New World Territories.

HIST 355 - Latin America to 1830

Credits: 3.00

A survey of the economic, political, and social dimensions of the colonial system. Themes include the pre-Columbian civilizations of the Americas, the imposition of European rule, the place of Latin America in the emerging Atlantic economy, and the independence movements of the early 19th century. Major emphasis will be given to the "core" areas of Mexico, Peru, and Northeastern Brazil, but other regions will also be considered.

HIST 356 - Latin America Since 1830

Credits: 3.00

This course will examine the evolution of Latin America from the aftermath of independence to the present. Major themes include: the incorporation of Latin America into the global economy, the effect of the export economy on the region's peasant populations, the building of national states, the fate of revolutionary struggles in the 20th century, and Latin America's "neocolonial" relationship with the United States.

HIST 357 - Mexico

Credits: 3.00

Historical survey of the social, intellectual, and political developments from the conquest to the present.

HIST 363 - Civil War & Reconstruction

Credits: 3.00

A study of the ante-bellum South, sectional dis-

cord, armed conflict, and reconstruction of the union.

HIST 379 - Special Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

HIST 392 - Workshop

Credits: .50 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

HIST 399 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

HIST 426 - US in 20th Century to 1945

Credits: 3.00

A study of the diplomatic, social, and political developments of the first half of the twentieth century, with emphasis on the impact of immigration, urbanization, technology, and America's increasing involvement in world affairs through World War II.

HIST 427 - U.S./20th Century Since 1945

Credits: 3.00

A study of recent U.S. history, with emphasis on postwar social and political developments, as well as the impact of America's role in world affairs, and with particular attention to great power rivalries, the Cold War, Korean Conflict, and Vietnam.

HIST 432 - Nineteenth Century Europe

Credits: 3.00

A study of the major ideas of the 19th century such as liberalism, nationalism, socialism, and the actions and consequences resulting from those ideas.

HIST 433 - Modern Europe

Credits: 3.00

An advanced survey of European history between 1815 and 1945. Attention will be given to political, social, economic, and technological developments. The development of Nationalism will receive special attention.

HIST 434 - Twentieth Century Europe

Credits: 3.00

This course examines how the relationship of Europe and the world has been transformed, whether a new United States of Europe is emerging, or whether Europe is collapsing into ethnic nationalism. Current materials available through the Internet will be used in this course.

HIST 436 - American Thought

Credits: 3.00

The historical, philosophical, and literary ideas that have influenced American life and thought. (Same as Govt 436 and Phil 436).

HIST 469 - American Thought

Credits: 3.00

Available in each department and designed for staff development and/or in-service credit. Selected educational issues taught off-campus. Subject matter determined by school district needs. Courses may not be used to satisfy program requirements without prior approval.

HIST 470 - Problems in American Studies

Credits: 3.00

HIST 479 - Special Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

HIST 492 - Workshop

Credits: .50 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

HIST 499 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

Interdivisional

ID 100 - First-Year Seminar

Credits: 3.00

An introduction to the goals and values of a liberal arts education. Focus on learning for its own sake, learning in community, and life-long learning. Emphasis on critical thinking and reading, analytic writing, and discussions based on readings and co-curricular experiences (e.g., films, lectures, exhibitions, etc.). ID 100 sections feature a variety of themes but share a common set of objectives.

ID 179 - Selected Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

ID 279 - Selected Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

ID 292 - Workshop

Credits: 1.00 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

ID 299 - Individual Study

Credits: 1.00 to 16.00

Provides opportunity for individual research/study into problems of special interests in the field. By faculty permission and approval of the School Dean.

ID 379 - Selected Topics

Credits: 1.00 to 4.00

Offered periodically to meet student special interests in the field.

ID 392 - Workshop

Credits: 1.00 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

ID 399 - Independent Study

Credits: 1.00 to 3.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

ID 479 - Selected Topics

Credits: 1.00 to 4.00

Offered periodically to meet student special interests in the field.

ID 492 - Workshop

Credits: 1.00 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

ID 499 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

Japanese

JAPN 103 - Beginning Japanese

Credits: 3.00

This course will cover fundamental principles of the Japanese language, including pronunciation, basic grammar and vocabulary, and kana (katakana & hiragana) writing. The course will also introduce students to Japanese culture, including calligraphy.

JAPN 104 - Intermediate Japanese

Credits: 3.00

This course continues the development of skills introduced in Japn 103. Students will study and practice the key structures of Japanese sentences and practice them in conversation as well as writing, employing the Japanese writing systems (kana and kan-ji).

Pre-requisites: JAPN 103 Minimum Grade: D

JAPN 179 - Special Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

JAPN 199 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

JAPN 299 - Individual Studies

Credits: 1.00 to 5.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

Journalism

JOUR 179 - Special Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

JOUR 192 - Workshop

Credits: .50 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

JOUR 199 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

JOUR 255 - The Media and America

Credits: 3.00

The history of the news media in the United States relates journalism to the political, economic, and social development of America. Instructor permission may be obtained if prerequisite has not been met.

Pre-requisites: ENG 102 Minimum Grade: C

JOUR 275 - Basic Media Writing

Credits: 3.00

The fundamentals of news reporting are developed with the aid of word processing computer software. The principal concepts of this course apply to all news media. Instructor permission may be obtained if prerequisite has not been met.

Pre-requisites: ENG 102 Minimum Grade: C

JOUR 279 - Special Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interest in the field. Instructor permission may be obtained if the prerequisite has not been met.

Pre-requisites: JOUR 285 Minimum Grade: C

JOUR 285 - Radio Broadcasting

Credits: 3.00

This is a course in producing radio news, public service announcements and underwriting. Other aspects of programming will be included. Instructor permission may be obtained if prerequisite has not been met.

Pre-requisites: JOUR 275 Minimum Grade: C

JOUR 290 - Applied Communications

Credits: 1.00 to 3.00

Students earn one credit hour for every three hours of work weekly on KASF-FM or its web site. See station manager for details. Instructor permission may be obtained if the prerequisite has not been met.

Pre-requisites: JOUR 285 Minimum Grade: C

JOUR 292 - Workshop

Credits: .50 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

JOUR 296 - Editing & Desktop Publishing

Credits: 3.00

Students use computers to edit, copy, write headlines, scan photos, and design pages for publication. Instructor permission may be obtained if the prerequisite has not been met. Instructor permission may be obtained if prerequisite has not been met.

Pre-requisites: JOUR 275 Minimum Grade: C

JOUR 297 - Applied Journalism

Credits: 1.00 to 3.00

Students earn one credit for every three hours of work weekly on the "South Coloradan" or its web site. See editor for details. Instructor permission may be obtained if the prerequisite has not been met.

Pre-requisites: JOUR 275 Minimum Grade: C

JOUR 299 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

JOUR 327 - World Wide Web

Credits: 3.00

The primary emphasis of this course is the hands-on production of interactive, multimedia web pages through the development of basic writing, design, and coding skills. Some emphasis on the critical analysis of the web as a cultural force. Instructor permission may be obtained if the prerequisite has not been met.

Pre-requisites: JOUR 275 Minimum Grade: C

JOUR 340 - Feature Writing

Credits: 3.00

This course focuses on newspaper, magazine and newsletter feature writing skills, including computer-assisted journalism. Instructor permission may be obtained if the prerequisite has not been met.

Pre-requisites: JOUR 275 Minimum Grade: C

JOUR 346 - Digital Still & Video

Credits: 3.00

The use of 35mm and digital cameras to photograph news subjects is covered. Students must have a 35mm camera and purchase 24-hour film developing and printing. Instructor permission may be obtained if the prerequisite has not been met.

Pre-requisites: JOUR 275 Minimum Grade: C

JOUR 350 - Media Theory and Criticism

Credits: 3.00

The purpose of this course is for students to explore foundational theories of mass communication: behaviorism, propaganda theory, public opinion formation, social responsibility theory, limited effects theory, and other contemporary theories of media. Contributions from Lippmann, McLuhan, and Chomsky will be analyzed and discussed to provide students with multiple frameworks for analyzing media usage, effects, and contributions. Instructor permission may be obtained if the prerequisite has not been met.

Pre-requisites: JOUR 285 Minimum Grade: C

JOUR 360 - Media Management

Credits: 3.00

Students learn how to manage and motivate news staff, how to deal with criticism from within and without the organization, and how

to unite diverse elements into a cohesive whole. Strongly recommended for candidates for media management positions on campus.

Pre-requisites: JOUR 296 Minimum Grade: C

JOUR 370 - Magazine Editing & Production

Credits: 3.00

Students learn basic magazine editing and production principles applicable to both print and online magazines. Skills are further developed and applied through the production of classroom publications.

Pre-requisites: JOUR 275 Minimum Grade: C

JOUR 379 - Special Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

Pre-requisites: JOUR 279 Minimum Grade: D

JOUR 390 - Advanced Applied Broadcasting

Credits: 1.00 to 3.00

Pre-requisites: JOUR 290 Minimum Grade: D

JOUR 392 - Workshop

Credits: .50 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

JOUR 396 - Advanced Applied Journalism

Credits: 1.00 to 3.00

Pre-requisites: JOUR 297 Minimum Grade: D

JOUR 399 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

JOUR 457 - Media Law & Ethics

Credits: 3.00

Explores timely controversies that involve the journalist in a society where media ethics are constantly questioned by the public.

JOUR 479 - Special Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

JOUR 492 - Workshop

Credits: .50 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

JOUR 496 - Communications Internship

Credits: 3.00

Involves the advanced communications student in a pre-employment situation designed to allow application of subject knowledge in a professional setting.

Pre-requisites: JOUR 275 Minimum Grade: D

JOUR 499 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

Library Science**LS 251 - Information Literacy**

Credits: 2.00

LS 392 - Workshops

Credits: .50 to 6.00

LS 451 - Information Literacy

Credits: 2.00

In this ten-week course, students will find, evaluate and use a variety of print and electronic sources located in and beyond the ASC Library. Building resource lists for academic or professional work is the emphasis of the class.

Mathematics**MATH 095 - Basic Arithmetic Skills**

Credits: 3.00

Numeration, operations on whole numbers, factoring, prime numbers, arithmetic operations, decimal numerals, percent, measures, ratio and proportion, and averages. Course is graded on an S/U basis and does not provide credit towards Bachelor's degrees.

MATH 097 - Basic Algebra Skills

Credits: 3.00

Numbers of ordinary arithmetic and their properties, integers and rational numbers, solutions of equations, polynomials, graphs, poly-

nomials in several variables, fractional expressions, radical notation, and quadratic equations. Course is graded on a pass/fail basis and does not provide credit towards Bachelor's degrees.

Pre-requisites: MATH 095 Minimum Grade: S

MATH 099 - Intermediate Algebra

Credits: 3.00

Real number system and its properties, linear equations, inequalities, powers and roots, quadratic equations, complex numbers, functions and their graphs.

Pre-requisites: MATH 097 Minimum Grade: S or Math Placement Test 20 or ACT Math 19

MATH 101 - Intermediate Algebra

Credits: 3.00

Real number system and its properties, linear equations, inequalities, powers and roots, fractional expressions, quadratic equations, complex numbers, functions and their graphs.

Pre-requisites: MATH 099 Minimum Grade: S or Math Placement Test 20 or ACT Math 19

MATH 104 - Finite Mathematics

Credits: 3.00

Topics covered include functions and their graphs, matrices, linear programming, probability, and descriptive statistics. Applications are studied from the areas of business, behavioral sciences, economics, and the social sciences. The computer will be used as a problem solving tool.

Pre-requisites: MATH 101 Minimum Grade: C or Math Placement Test 23 or ACT Math 19 or SAT Math 440

MATH 106 - College Algebra

Credits: 3.00

Exponential and logarithmic functions, systems of equations and matrices, sequences and series, and mathematical induction.

Pre-requisites: MATH 101 Minimum Grade: C or Math Placement Test 23 or ACT Math 19 or SAT Math 440

MATH 107 - Trig & Analytic Geometry

Credits: 3.00

Trigonometry and analytic geometry.

Pre-requisites: MATH 106 Minimum Grade: C

MATH 120 - Single Variable Calculus

Credits: 5.00

Limits, derivatives, integrals, and infinite series of real-valued functions of a single variable.

*Pre-requisites: MATH 107 Minimum Grade: C and MATH 106 Minimum Grade: C or ACT Math 26***MATH 121 - Single Variable Calculus**

Credits: 5.00

Limits, derivatives, integrals, and infinite series of real-valued functions of a single variable.

*Pre-requisites: MATH 120 Minimum Grade: D***MATH 140 - Geometry Using Technology**

Credits: 3.00

An introduction to powerful interactive programming environments, such as LOGO and Geometer's Sketchpad, will enable the student to survey Euclidean Geometry using technology. This course will discuss major concepts in Euclidean Geometry and introduce basic geometric proof.

MATH 155 - Integrated Mathematics I

Credits: 3.00

This is the first of a 2-course sequence presenting arithmetic and algebra from a modern perspective. Students work to understand and be able to articulate connections among mathematical structures, including natural numbers, integers, rational numbers, relations, functions and equations.

*Pre-requisites: ACT Math 19 or Math Placement Test 23 or MATH 101 Minimum Grade: C***MATH 156 - Integrated Mathematics II**

Credits: 3.00

This is the second of a 2-course sequence. Topics include probability, statistics, geometric figures, congruencies, similarities, and coordinate geometry.

*Pre-requisites: MATH 155 Minimum Grade: C***MATH 179 - Special Topics**

Credits: 1.00 to 5.00

Offered periodically to meet student special interests in the field.

MATH 192 - Workshop

Credits: 1.00 to 4.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

MATH 199 - Individual Studies

Credits: 1.00 to 5.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

MATH 200 - Discrete Mathematics

Credits: 3.00

Mathematical logic, machine arithmetic, mathematical induction, algorithms and algorithm analysis, counting methods, sets, Boolean algebra, graphs and trees, recursion, and abstract machines.

*Pre-requisites: (MATH 106 Minimum Grade: D or MATH 120 Minimum Grade: D) and (CSCI 150 Minimum Grade: D or CSCI 208 Minimum Grade: D or MATH 210 Minimum Grade: D)***MATH 205 - Intro to Statistical Methods**

Credits: 3.00

Basic techniques of applied statistics, including data organization and presentation, experiment design, calculating statistical measures, choosing, applying, and interpreting statistical tests, correlation and regression, and software utilization.

*Pre-requisites: MATH 104 Minimum Grade: D or MATH 106 Minimum Grade: D or MATH 107 Minimum Grade: D or MATH 120 Minimum Grade: D***MATH 210 - C++ for Scientists & Engineers**

Credits: 3.00

A study of the programming language FORTRAN.

*Pre-requisites: MATH 106 Minimum Grade: D or MATH 107 Minimum Grade: D***MATH 220 - Multi-Variable Calculus**

Credits: 4.00

A course in the calculus of functions in more than one variable. Topics include vector valued functions, partial derivatives, multiple integrals, Green's theorem and its extensions.

Pre-requisites: MATH 121 Minimum Grade: D

MATH 236 - Research in Mathematics

Credits: 1.00

An independent research course. The student will work with a professor on a research project either designed by the student or the professor. The student's research must result in a paper and a presentation before a group of peers and professors.

Pre-requisites: MATH 121 Minimum Grade: C

MATH 279 - Special Topics

Credits: 1.00 to 5.00

Offered periodically to meet student special interests in the field.

MATH 292 - Workshop

Credits: 1.00 to 4.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

MATH 299 - Individual Studies

Credits: 1.00 to 5.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

MATH 301 - Undergraduate Seminar

Credits: 1.00

Monthly seminar on topics of interest to participants and mathematics/computer science staff. Course is graded on a pass/fail basis.

Pre-requisites: MATH 120 Minimum Grade: D or CSCI 150 Minimum Grade: D

MATH 310 - Foundations of School Math

Credits: 3.00

A course designed to help future teachers recognize and develop the connections between fundamental mathematical principles and classroom practice. It will focus on a thorough development of basic mathematical ideas such as number and operations, geometry, measurement, problem solving, reasoning and proof, communication, connections and representations.

Pre-requisites: MATH 104 Minimum Grade: D or MATH 106 Minimum Grade: D or MATH 107 Minimum Grade: D or MATH 120 Minimum Grade: D

MATH 321 - Linear Algebra

Credits: 3.00

An introduction to the theory and application of vector spaces, linear transformations, matrices, eigenvalues, and eigenvectors.

Pre-requisites: MATH 121 Minimum Grade: D

MATH 322 - Algebraic Structures

Credits: 3.00

Logic, sets, groups, rings, fields, unique factorization domains, and Galois theory.

Pre-requisites: MATH 200 Minimum Grade: D and MATH 321 Minimum Grade: D

MATH 323 - Algebraic Structures

Credits: 3.00

Logic, sets, groups, rings, fields, unique factorization domains, and Galois theory.

Pre-requisites: MATH 322 Minimum Grade: D

MATH 327 - Differential Equations

Credits: 3.00

First order differential equations, linear ordinary differential equations, systems of equations, applications of differential equations, and existence and uniqueness of solutions.

Pre-requisites: MATH 120 Minimum Grade: D and MATH 121 Minimum Grade: D

MATH 328 - Methods of Teaching Math-Elem

Credits: 3.00

This course is designed to provide the student with methods and techniques for teaching mathematics in the elementary school along with a study of current National and Colorado State Standards for elementary school mathematics. The course provides a deep understanding of the concepts covered in elementary school. Techniques for assessing student knowledge and ways of integrating mathematics with other disciplines will also be covered.

Pre-requisites: MATH 104 Minimum Grade: C and (MATH 106 Minimum Grade: C or MATH 107 Minimum Grade: C or MATH 120 Minimum Grade: C or MATH 140 Minimum Grade: C or MATH 205 Minimum Grade: C or MATH 310 Minimum Grade: C or PSYC 211 Minimum Grade: C) or MATH 106 Minimum Grade: C and (MATH 104 Minimum Grade: C or MATH 107 Minimum Grade: C or MATH

140 Minimum Grade: C or MATH 205 Minimum Grade: C or PSYC 211 Minimum Grade: C) or MATH 120 Minimum Grade: C and (MATH 104 Minimum Grade: C or MATH 106 Minimum Grade: C or MATH 107 Minimum Grade: C or MATH 140 Minimum Grade: C or MATH 205 Minimum Grade: C or MATH 310 Minimum Grade: C or PSYC 211 Minimum Grade: C) and Teacher Ed Professional Prog 1

MATH 330 - Numerical Analysis

Credits: 3.00

Solve mathematical problems using numerical methods.

Pre-requisites: MATH 121 Minimum Grade: D and (CSCI 150 Minimum Grade: D or CSCI 208 Minimum Grade: D or MATH 210 Minimum Grade: D)

MATH 331 - Modern Geometry

Credits: 3.00

Review Euclidean Geometry and compare and contrast Euclidean with elliptic and hyperbolic geometry.

Pre-requisites: MATH 121 Minimum Grade: C and MATH 200 Minimum Grade: C

MATH 335 - History of Mathematics

Credits: 3.00

A chronological tracing of mathematics from the ancient Chinese into the twentieth century. The emphasis is on problems and the individuals who formulated and solved them.

Pre-requisites: MATH 121 Minimum Grade: D and MATH 120 Minimum Grade: D

MATH 340 - Probability & Statistics

Credits: 3.00

Application and theory of the principles of probability and statistics in the sciences and engineering. Topics include random variables, probability distributions, sampling, estimation, tests of hypothesis, and regression.

Pre-requisites: MATH 121 Minimum Grade: D

MATH 350 - Methods of Teaching Sec Math

Credits: 3.00

This course is designed to provide the student with methods and techniques for teaching mathematics at the secondary school level along

with a study of current National and Colorado State Standards for secondary school mathematics. Techniques for assessing student knowledge and ways of integrating mathematics with other disciplines will also be covered.

Pre-requisites: MATH 331 Minimum Grade: D

MATH 379 - Special Topics

Credits: 1.00 to 5.00

Offered periodically to meet student special interests in the field.

MATH 380 - Discrete Mathematics II

Credits: 4.00

Covers select topics from discrete mathematics in depth. Topics may include set theory, graph theory, difference equations, number theory or combinatorics. Course will make some use of the computer.

Pre-requisites: MATH 121 Minimum Grade: D

MATH 392 - Workshop

Credits: 1.00 to 4.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

MATH 399 - Individual Studies

Credits: 1.00 to 5.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

MATH 403 - Senior Assessment

Credits: 2.00

Students will write a project paper or develop a programming project and present the results of their researches to the faculty. Students will find a project advisor at least one semester prior to enrollment and will have substantially completed the research before enrolling. Each student takes a comprehensive capstone examination that includes a nationally normed test over the subject area and abstracting a journal article.

MATH 415 - Mathematical Modeling & Applic

Credits: 4.00

Provides the student with experiences with the interaction of mathematical thinking and real-world problems. This course will make some

use of the computer.

Pre-requisites: MATH 121 Minimum Grade: D

MATH 420 - Advanced Analysis

Credits: 3.00

Examines modern n-dimensional real analysis and an introduction to complex analysis.

Pre-requisites: MATH 220 Minimum Grade: D and MATH 321 Minimum Grade: D

MATH 421 - Advanced Analysis

Credits: 3.00

Examines modern n-dimensional real analysis and an introduction to complex analysis.

Pre-requisites: MATH 321 Minimum Grade: D

MATH 436 - Research in Mathematics

Credits: 1.00

An independent research course. The student will work with a professor on a research project either designed by the student or the professor. The student's research must result in a professional quality paper or project and a presentation before a group of peers and professors.

MATH 479 - Special Topics

Credits: 1.00 to 5.00

Offered periodically to meet student special interests in the field.

MATH 492 - Workshop

Credits: .50 to 4.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

MATH 499 - Individual Studies

Credits: 1.00 to 5.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

Music

MUS 000 - Recital Attendance

Credits: .00

A requirement for music majors and minors, which consists of attendance at a designated number of concerts/recitals each semester.

MUS 100 - Intro to Music Literature

Credits: 3.00

A survey of Western art music from the Middle Ages to the present that includes a brief study of musical elements, development of musical styles, and an emphasis on major composers and compositions. Listening, lectures, readings, and experiencing performances are vital components of this course.

MUS 101 - Music Fundamentals

Credits: 2.00

An introductory course primarily for music majors and minors that includes the fundamentals of music theory, notation, and basic aural skills. May not be counted as credit towards a music degree.

MUS 102 - Introduction to Jazz

Credits: 3.00

A survey of jazz styles and principal performers from the development of early jazz to its emergence as a significant contribution to world music. Listening, lectures, readings, and experiencing performances are vital components of this course.

MUS 103 - Intro to Music Technology

Credits: 1.00

Introduction to basic music technology including MIDI, sequencing, music notation, and tutorials. Development of music technology skills utilizing music lab facilities and equipment.

Pre-requisites: MUS 101 Minimum Grade: C

MUS 104 - Music Theory I

Credits: 3.00

Development of basic music skills and harmony with practical application through part-writing and composition.

Pre-requisites: MUS 101 Minimum Grade: C

MUS 108 - Aural Skills I

Credits: 1.00

Foundational work in sight singing and written dictation.

Pre-requisites: MUS 101 Minimum Grade: C

MUS 120 - Class Piano I

Credits: 1.00

A study of keyboard techniques with emphasis on the skills needed to fulfill the piano proficiency requirement.

MUS 121 - Class Piano II

Credits: 1.00

A study of keyboard techniques with emphasis on the skills needed to fulfill the piano proficiency requirement.

Pre-requisites: MUS 120 Minimum Grade: C

MUS 130 - Secondary Applied Music

Credits: 1.00

Private instruction in applied music. Applicable to a music degree only as secondary applied credit. May be repeated for credit (eight hours maximum).

Pre-requisites: MUS 101 Minimum Grade: D

MUS 140 - Applied Music

Credits: 2.00

Private instruction in applied music. May be repeated for credit (eight hours maximum).

MUS 141 - Applied Music

Credits: 2.00

Private instruction in applied music. May be repeated for credit (eight hours maximum).

Pre-requisites: MUS 140 Minimum Grade: D

MUS 179 - Special Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

MUS 192 - Workshop

Credits: .50 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

MUS 199 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

MUS 204 - Music Theory II

Credits: 3.00

Advanced study in music writing and analysis with emphasis on tonal and chromatic harmony.

Pre-requisites: MUS 104 Minimum Grade: C

MUS 208 - Aural Skills II

Credits: 1.00

Emphasis on sight singing in parts, more difficult keys and intervals, modulations, and rhythmic patterns in dictation.

Co-requisites: MUS 204

Pre-requisites: MUS 108 Minimum Grade: C

MUS 212 - Jazz Improvisation I

Credits: 1.00

Emphasis on basic jazz literature, chord symbols, melodic patterns, ear training, melodic concepts, and analysis of improvised solos.

Pre-requisites: MUS 104 Minimum Grade: C

MUS 220 - Class Piano III

Credits: 1.00

A continuation of keyboard technique with emphasis on skills needed to fulfill the piano proficiency requirement.

Pre-requisites: MUS 121 Minimum Grade: C

MUS 226 - Languages for Singing

Credits: 3.00

A study of the phonetics of languages used in singing. The course includes English, Italian, Latin, German and French diction.

MUS 240 - Applied Music

Credits: 2.00

Private instruction in applied music. May be repeated for credit (eight hours maximum).

Pre-requisites: MUS 141 Minimum Grade: C

MUS 241 - Applied Music

Credits: 2.00

Private instruction in applied music. May be repeated for credit (eight hours maximum).

Pre-requisites: MUS 240 Minimum Grade: C

MUS 245 - Band

Credits: 1.00

Open to all students, regardless of major field, who demonstrate sufficient ability on a standard wind or percussion instrument. May be repeated for credit.

MUS 246 - Jazz Ensemble

Credits: 1.00

An advanced instrumental jazz ensemble, open to all qualified students by audition. Repertoire

is selected from a variety of jazz styles and periods. May be repeated for credit.

MUS 247 - Concert Choir

Credits: 1.00

Open to all qualified students with repertoire selected from the standard choral concert literature. May be repeated for credit.

MUS 248 - Jazz Singers

Credits: 1.00

An advanced vocal jazz ensemble, open to qualified students by audition. Repertoire is selected from a variety of jazz styles and periods. May be repeated for credit.

MUS 249 - Chamber Ensemble

Credits: 1.00

Selected groups including instrumental, vocal, and mixed ensembles for performance of music in specific periods and mediums. May be repeated for credit.

MUS 250 - Orchestra

Credits: 1.00

Open to all students, regardless of major field, who demonstrate sufficient ability on a standard orchestral instrument. May be repeated for credit.

MUS 252 - Music Theatre Workshop

Credits: 1.00

The study and production of musical theatre and opera repertoire appropriate for educational theatre. May be repeated for credit.

MUS 255 - Wind Ensemble

Credits: 1.00

An advanced mixed instrumental ensemble, open to wind and percussion students by audition. Repertoire is selected from standard and contemporary wind ensemble literature. May be repeated for credit.

MUS 257 - Chamber Choir

Credits: 1.00

An advanced mixed choral ensemble, open to students by audition. Repertoire is selected from standard and contemporary choral concert literature as well as music of other cultures, ethnicities and traditions. May be repeated for credit.

MUS 279 - Special Topics

Credits: .50 to 6.00

Offered periodically to meet student special interests in the field.

MUS 292 - Workshop

Credits: .50 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

MUS 299 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

MUS 304 - Advanced Theory/Counterpoint

Credits: 3.00

Advanced tonal chromatic harmony and an introduction to 18th century counterpoint.

Pre-requisites: MUS 204 Minimum Grade: C

MUS 308 - Advanced Aural Skills

Credits: 1.00

Advanced sight singing and ear training, including harmonic and melodic dictation using chromatic intervals.

Pre-requisites: MUS 208 Minimum Grade: C

MUS 312 - Jazz Improvisation II

Credits: 1.00

Emphasis on the analysis and performance of intermediate jazz literature and composition in contemporary styles.

Pre-requisites: MUS 212 Minimum Grade: C

MUS 320 - Advanced Piano Class

Credits: 1.00

Advanced keyboard technique with emphasis on skills needed to fulfill the piano proficiency requirement.

Pre-requisites: MUS 220 Minimum Grade: C

MUS 321 - Voice Methods

Credits: 1.00

A course designed to enable music education majors to gain a practical knowledge of the voice and relevant pedagogy. Not open to students whose principal instrument is voice.

MUS 322 - Percussion Methods

Credits: 1.00

A course designed to enable music education majors to gain a practical knowledge of percussion instruments and relevant pedagogy.

MUS 323 - Brass Methods

Credits: 1.00

A course designed to enable music education majors to gain a practical knowledge of brass instruments and relevant pedagogy.

MUS 324 - Woodwind Methods

Credits: 1.00

A course designed to enable music education majors to gain practical knowledge of woodwind instruments and relevant pedagogy.

MUS 325 - String Methods

Credits: 1.00

A course designed to enable music education majors to gain a practical knowledge of string instruments and relevant pedagogy.

MUS 326 - Music History I

Credits: 3.00

A detailed survey of music history from antiquity to the present.

Pre-requisites: MUS 100 Minimum Grade: C and MUS 104 Minimum Grade: C

MUS 327 - Music History II

Credits: 3.00

A detailed survey of music history from antiquity to the present.

Pre-requisites: MUS 100 Minimum Grade: C and MUS 104 Minimum Grade: C

MUS 333 - Form and Analysis

Credits: 2.00

A study of the structural elements of music from the phrase through the sonata, rondo, and variation forms.

Pre-requisites: MUS 304 Minimum Grade: C

MUS 340 - Applied Music

Credits: 2.00

Private instruction in applied music. May be repeated for credit (eight hours maximum).

Pre-requisites: MUS 241 Minimum Grade: C

MUS 341 - Applied Music

Credits: 2.00

Private instruction in applied music. May be repeated for credit (eight hours maximum).

Pre-requisites: MUS 340 Minimum Grade: D

MUS 345 - Junior Recital

Credits: 1.00

Preparation and presentation of a public recital of approximately one-half hour of music. Must be taken concurrently with Mus 341.

Co-requisites: MUS 341

Pre-requisites: MUS 340 Minimum Grade: C or MUS 341 Minimum Grade: C

MUS 360 - Conducting Techniques

Credits: 2.00

Development of fundamental conducting skills, score reading skills, musical concepts, and terminology.

Pre-requisites: MUS 204 Minimum Grade: C and MUS 208 Minimum Grade: C

MUS 364 - Accompanying Practicum I

Credits: 2.00

Training for the advanced pianist in vocal and instrumental accompanying skills, and related skills for dance accompanying.

Pre-requisites: MUS 241 Minimum Grade: C

MUS 365 - Accompanying Practicum II

Credits: 2.00

Training for the advanced pianist in vocal and instrumental accompanying skills, and related skills for dance accompanying.

Pre-requisites: MUS 364 Minimum Grade: C

MUS 370 - Music for Elementary Teachers

Credits: 3.00

A music course designed to fit the needs of the elementary classroom teacher through a study of the rudiments of music and pedagogical approaches to using music in the elementary classroom.

MUS 379 - Special Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

MUS 392 - Workshop

Credits: .50 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

MUS 399 - Individual Studies

Credits: .00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

MUS 421 - Elem School Music Methods

Credits: 3.00

A comprehensive study of techniques and approaches to teaching general music in the elementary schools (grades K-6).

Pre-requisites: MUS 304 Minimum Grade: C and MUS 360 Minimum Grade: C

MUS 422 - Secondary School Music Methods

Credits: 3.00

A comprehensive study of principles and procedures for teaching and administering music programs in secondary schools (grades 7-12).

Pre-requisites: MUS 304 Minimum Grade: C and MUS 360 Minimum Grade: C

MUS 423 - Choral Literature and Methods

Credits: 3.00

A study of choral literature and rehearsal techniques appropriate for secondary school choral ensembles, including resource materials, techniques for choral sound production, and effective teaching strategies.

Co-requisites: MUS 354

Pre-requisites: MUS 304 Minimum Grade: C and MUS 360 Minimum Grade: C

MUS 424 - Instrumental Lit/Methods

Credits: 3.00

A study of instrumental literature and rehearsal techniques appropriate for secondary school instrumental ensembles, including resource materials, techniques for ensemble development, and effective teaching strategies.

Co-requisites: MUS 354

Pre-requisites: MUS 304 Minimum Grade: C and MUS 360 Minimum Grade: C

MUS 425 - Opera Literature

Credits: 3.00

A study of operatic masterpieces from the origins of the form to the present.

MUS 426 - Song Literature

Credits: 3.00

Historic survey of the art of song.

MUS 427 - Instrumental Lit & Pedagogy

Credits: 3.00

A study of selected solos, etudes, chamber music, and pedagogical techniques for winds and percussion instruments.

MUS 428 - Piano Literature and Pedagogy

Credits: 3.00

Historical survey of the repertoire for piano and a study of pedagogical techniques for the piano.

MUS 429 - Voice Literature and Pedagogy

Credits: 3.00

A study of pedagogical techniques and vocal problems and the assignment of appropriate literature. A survey of materials includes treatises, technique books, physiological books, repertoire, and other areas relevant to singing and to the teaching of singing.

MUS 440 - Applied Music

Credits: 2.00

Private instruction in applied music. May be repeated for credit (four hours maximum).

Pre-requisites: MUS 341 Minimum Grade: C and MUS 345 Minimum Grade: C

MUS 441 - Applied Music

Credits: 2.00

Private instruction in applied music. May be repeated for credit (four hours maximum).

Pre-requisites: MUS 345 Minimum Grade: C

MUS 445 - Senior Recital

Credits: 2.00

Preparation and presentation of a public recital of approximately forty-five minutes of music. Must be taken concurrently with Mus 440 or Mus 441.

Co-requisites:

Pre-requisites: MUS 440 Minimum Grade: C and MUS 441 Minimum Grade: C

MUS 446 - Jazz Ensemble

Credits: 1.00

An advanced instrumental jazz ensemble, open by audition to junior and senior students who perform a significant leadership role in the ensemble. Repertoire is selected from a variety of jazz styles and periods. May be repeated for credit.

MUS 448 - Jazz Singers

Credits: 1.00

An advanced vocal jazz ensemble, open by audition to junior and senior students who perform a significant leadership role in the ensemble. Repertoire is selected from a variety of jazz styles and periods. May be repeated for credit.

MUS 449 - Chamber Ensemble

Credits: 1.00

Selected groups including instrumental, vocal and mixed ensembles for performance of music in specific periods and mediums, open by audition to junior and senior students who perform a significant leadership role in the ensemble. May be repeated for credit.

MUS 455 - Wind Ensemble

Credits: 1.00

An advanced mixed instrumental ensemble, open by audition to junior and senior students who perform a significant leadership role in the ensemble. Repertoire is selected from standard and contemporary wind ensemble literature. May be repeated for credit.

MUS 457 - Chamber Choir

Credits: 1.00

An advanced mixed choral ensemble, open by audition to junior and senior students who perform a significant leadership role in the ensemble. Repertoire is selected from standard and contemporary choral concert literature as well as music of other cultures, ethnicities and traditions. May be repeated for credit.

MUS 460 - Advanced Choral Conducting

Credits: 2.00

Advanced techniques for the choral conductor.

Pre-requisites: MUS 360 Minimum Grade: C

MUS 461 - Advanced Instr Conducting

Credits: 2.00

Advanced techniques for the instrumental conductor.

Pre-requisites: MUS 360 Minimum Grade: C

MUS 479 - Special Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

MUS 486 - Marching Band Techniques

Credits: 2.00

Designed to help the band director chart marching band shows and deal with the logistics and techniques needed to manage the marching band.

Pre-requisites: MUS 422 Minimum Grade: C

MUS 492 - Workshop

Credits: .50 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

MUS 499 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

Physical Education

PE 000 - Physical Fitness

Credits: 1.00 to 4.00

PE 100 - Strength and Conditioning

Credits: 1.00

Enrollment in these courses are restricted to varsity athletes. Students will be instructed five days a week to improve strength, speed, power, and quickness. These courses include daily strength and conditioning activity. Strength training takes place in the weight room incorporating four core lifts. Conditioning drills are held in the field house and include agility, plyometrics, speed development, etc.

PE 101 - Prin & Prac - Football

Credits: 1.00

Football. Fundamental skills systems, strategies, and training programs associated with sport

participation. Designed for participants involved in a collegiate athletic program. One course may be substituted for PE 111-198.

PE 102 - Prin/Pract Basketball

Credits: 1.00

Basketball. Fundamental skills systems, strategies, and training programs associated with sport participation. Designed for participants involved in a collegiate athletic program. One course may be substituted for PE 111-198.

PE 103 - Prin/Prac Cross Country

Credits: 1.00

Cross country. Fundamental skills systems, strategies, and training programs associated with sport participation. Designed for participants involved in a collegiate athletic program. One course may be substituted for PE 111-198.

PE 104 - Prin & Prac - Golf

Credits: 1.00

Golf. Fundamental skills systems, strategies, and training programs associated with sport participation. Designed for participants involved in a collegiate athletic program. One course may be substituted for PE 111-198.

PE 105 - Prin & Prac - Soccer

Credits: 1.00

Soccer. Fundamental skills systems, strategies, and training programs associated with sport participation. Designed for participants involved in a collegiate athletic program. One course may be substituted for PE 111-198.

PE 107 - Prin/Prac Softball

Credits: 1.00

Softball. Fundamental skills systems, strategies, and training programs associated with sport participation. Designed for participants involved in a collegiate athletic program. One course may be substituted for PE 111-198.

PE 108 - Prin & Prac - Volleyball

Credits: 1.00

Volleyball. Fundamental skills systems, strategies, and training programs associated with sport participation. Designed for participants involved in a collegiate athletic program. One course may be substituted for PE 111-198.

PE 109 - Prin & Prac - Wrestling

Credits: 1.00

Wrestling. Fundamental skills systems, strategies, and training programs associated with sport participation. Designed for participants involved in a collegiate athletic program. One course may be substituted for PE 111-198.

PE 110 - Prin & Prac - Track

Credits: 1.00

Track. Fundamental skills systems, strategies, and training programs associated with sport participation. Designed for participants involved in a collegiate athletic program. One course may be substituted for PE 111-198.

PE 112 - Strength and Conditioning

Credits: 1.00

Enrollment in these courses are restricted to varsity athletes. Students will be instructed five days a week to improve strength, speed, power, and quickness. These courses include daily strength and conditioning activity. Strength training takes place in the weight room incorporating four core lifts. Conditioning drills are held in the field house and include agility, plyometrics, speed development, etc.

PE 113 - Archery

Credits: 1.00

Archery. Basic activity course designed to provide sport, recreational, health, physical fitness, and leisure-time pursuits and general appreciation for physical well-being associated with physical activity participation.

PE 114 - Bicycling, S1

Credits: 1.00

Bicycling. Basic activity course designed to provide sport, recreational, health, physical fitness, and leisure-time pursuits and general appreciation for physical well-being associated with physical activity participation.

PE 115 - Body Mechanics

Credits: 1.00

Body mechanics. Basic activity course designed to provide sport, recreational, health, physical fitness, and leisure-time pursuits and general appreciation for physical well-being associated with physical activity participation.

PE 116 - Bowling

Credits: 1.00

Bowling. Basic activity course designed to provide sport, recreational, health, physical fitness, and leisure-time pursuits and general appreciation for physical well-being associated with physical activity participation.

PE 117 - Dance - Aerobics

Credits: 1.00

Dance-aerobics. Basic activity course designed to provide sport, recreational, health, physical fitness, and leisure-time pursuits and general appreciation for physical well-being associated with physical activity participation.

PE 118 - Dance - Folk

Credits: 1.00

Dance-folk. Basic activity course designed to provide sport, recreational, health, physical fitness, and leisure-time pursuits and general appreciation for physical well-being associated with physical activity participation.

PE 119 - Dance - Square

Credits: 1.00

Dance-square. Basic activity course designed to provide sport, recreational, health, physical fitness, and leisure-time pursuits and general appreciation for physical well-being associated with physical activity participation.

PE 120 - Dance - Modern

Credits: 1.00

Dance-modern. Basic activity course designed to provide sport, recreational, health, physical fitness, and leisure-time pursuits and general appreciation for physical well-being associated with physical activity participation.

PE 124 - Flag Football/Basketball

Credits: 1.00

Flag football/basketball. Basic activity course designed to provide sport, recreational, health, physical fitness, and leisure-time pursuits and general appreciation for physical well-being associated with physical activity participation.

PE 126 - Golf

Credits: 1.00

Golf. Basic activity course designed to provide

sport, recreational, health, physical fitness, and leisure-time pursuits and general appreciation for physical well-being associated with physical activity participation.

PE 128 - Physical Conditioning

Credits: 1.00

Physical conditioning. Basic activity course designed to provide sport, recreational, health, physical fitness, and leisure-time pursuits and general appreciation for physical well-being associated with physical activity participation.

PE 130 - Racquetball/Badminton

Credits: 1.00

Racquetball/badminton. Basic activity course designed to provide sport, recreational, health, physical fitness, and leisure-time pursuits and general appreciation for physical well-being associated with physical activity participation.

PE 132 - Soccer/Volleyball

Credits: 1.00

Soccer/volleyball. Basic activity course designed to provide sport, recreational, health, physical fitness, and leisure-time pursuits and general appreciation for physical well-being associated with physical activity participation.

PE 133 - Softball/Volleyball

Credits: 1.00

Softball/volleyball. Basic activity course designed to provide sport, recreational, health, physical fitness, and leisure-time pursuits and general appreciation for physical well-being associated with physical activity participation.

PE 134 - Skiing

Credits: 1.00

Skiing. Basic activity course designed to provide sport, recreational, health, physical fitness, and leisure-time pursuits and general appreciation for physical well-being associated with physical activity participation.

PE 135 - Swimming

Credits: 1.00

Swimming. Basic activity course designed to provide sport, recreational, health, physical fitness, and leisure-time pursuits and general appreciation for physical well-being associated with physical activity participation.

PE 136 - Tennis/Paddle Tennis

Credits: 1.00

Tennis/paddle tennis. Basic activity course designed to provide sport, recreational, health, physical fitness, and leisure-time pursuits and general appreciation for physical well-being associated with physical activity participation.

PE 138 - Weight Training

Credits: 1.00

Weight training. Basic activity course designed to provide sport, recreational, health, physical fitness, and leisure-time pursuits and general appreciation for physical well-being associated with physical activity participation.

PE 139 - Running Awareness

Credits: 1.00

Running awareness. Basic activity course designed to provide sport, recreational, health, physical fitness, and leisure-time pursuits and general appreciation for physical well-being associated with physical activity participation.

PE 149 - Cheerleading

Credits: 1.00

Cheerleading. Basic activity course designed to provide sport, recreational, health, physical fitness, and leisure-time pursuits and general appreciation for physical well-being associated with physical activity participation.

PE 150 - Cheerleading

Credits: 1.00

This course provides physical activity credit. Enrollment is restricted to members of the varsity cheerleading squad at Adams State College. Spirit groups serve as support groups for the intercollegiate athletic program and as such, play a very important role in the administration of athletic contests.

PE 152 - Advanced Swimming

Credits: 1.00

Advanced swimming. Basic activity course designed to provide sport, recreational, health, physical fitness, and leisure-time pursuits and general appreciation for physical well-being associated with physical activity participation.

PE 153 - Jazzercise

Credits: 1.00

Jazzercise. Basic activity course designed to provide sport, recreational, health, physical fitness, and leisure-time pursuits and general appreciation for physical well-being associated with physical activity participation.

PE 154 - Dance Fitness

Credits: 1.00

Dance fitness. Basic activity course designed to provide sport, recreational, health, physical fitness, and leisure-time pursuits and general appreciation for physical well-being associated with physical activity participation.

PE 156 - Fitness for Life

Credits: 1.00

Fitness for life. Basic activity course designed to provide sport, recreational, health, physical fitness, and leisure-time pursuits and general appreciation for physical well-being associated with physical activity participation.

PE 157 - Aerobic Fitness

Credits: 1.00

Aerobic fitness. Basic activity course designed to provide sport, recreational, health, physical fitness, and leisure-time pursuits and general appreciation for physical well-being associated with physical activity participation.

PE 158 - Ballet

Credits: 1.00

Ballet. Basic activity course designed to provide sport, recreational, health, physical fitness, and leisure-time pursuits and general appreciation for physical well-being associated with physical activity participation.

PE 160 - Major Sport Football

Credits: 1.00

Football. Designed to improve techniques and fundamentals associated with sport participation.

PE 161 - Major Sport Basketball

Credits: 1.00

Basketball. Designed to improve techniques and fundamentals associated with sport participation.

PE 162 - Major Sport Track

Credits: 1.00

Track. Designed to improve techniques and fundamentals associated with sport participation.

PE 163 - Major Sport Softball

Credits: 1.00

Softball. Designed to improve techniques and fundamentals associated with sport participation.

PE 164 - Major Sport Wrestling

Credits: 1.00

Wrestling. Designed to improve techniques and fundamentals associated with sport participation.

PE 165 - Major Sport Golf

Credits: 1.00

Golf. Designed to improve techniques and fundamentals associated with sport participation.

PE 166 - Major Sport Volleyball

Credits: 1.00

Volleyball. Designed to improve techniques and fundamentals associated with sport participation.

PE 167 - Major Sport Cross Country

Credits: 1.00

Cross country. Designed to improve techniques and fundamentals associated with sport participation.

PE 168 - Major Sport Soccer

Credits: 1.00

Soccer. Designed to improve techniques and fundamentals associated with sport participation.

PE 170 - Major Sport Intermed Karate

Credits: 1.00

PE 171 - Major Sport Beginning Karate

Credits: 1.00

PE 179 - Special Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

PE 192 - Workshops

Credits: .50 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

PE 199 - Individual Studies

Credits: 1.00 to 3.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

PE 200 - Strength and Conditioning

Credits: 1.00

Enrollment in these courses are restricted to varsity athletes. Students will be instructed five days a week to improve strength, speed, power, and quickness. These courses include daily strength and conditioning activity. Strength training takes place in the weight room incorporating four core lifts. Conditioning drills are held in the field house and include agility, plyometrics, speed development, etc.

PE 201 - Prin & Prac - Football

Credits: 1.00

Football. Fundamental skills systems, strategies, and training programs associated with sport participation. Designed for participants involved in a collegiate athletic program. One course may be substituted for PE 111-198.

PE 202 - Prin/Prac Basketball

Credits: 1.00

Basketball. Fundamental skills systems, strategies, and training programs associated with sport participation. Designed for participants involved in a collegiate athletic program. One course may be substituted for PE 111-198.

PE 203 - Prin/Prac Cross Country

Credits: 1.00

Cross country. Fundamental skills systems, strategies, and training programs associated with sports participation. Designed for participants involved in a collegiate athletic program. One course may be substituted for PE 111-198.

PE 204 - Prin & Prac - Golf

Credits: 1.00

Golf. Fundamental skills systems, strategies, and training programs associated with sport participation. Designed for participants involved in a collegiate athletic program. One course may be substituted for PE 111-198.

PE 205 - Princ & Prac - Soccer

Credits: 1.00

Soccer. Fundamental skills systems, strategies, and training programs associated with sport participation. Designed for participants involved in a collegiate athletic program. One course may be substituted for PE 111-198.

PE 207 - Prin/Prac Softball

Credits: 1.00

Softball. Fundamental skills systems, strategies, and training programs associated with sport participation. Designed for participants involved in a collegiate athletic program. One course may be substituted for PE 111-198.

PE 208 - Prin & Prac - Volleyball

Credits: 1.00

Volleyball. Fundamental skills systems, strategies, and training programs associated with sport participation. Designed for participants involved in a collegiate athletic program. One course may be substituted for PE 111-198.

PE 209 - Prin & Prac - Wrestling

Credits: 1.00

Wrestling. Fundamental skills systems, strategies, and training programs associated with sport participation. Designed for participants involved in a collegiate athletic program. One course may be substituted for PE 111-198.

PE 210 - Prin & Prac - Track/Field

Credits: 1.00

Track. Fundamental skills systems, strategies, and training programs associated with sport participation. Designed for participants involved in a collegiate athletic program. One course may be substituted for PE 111-198.

Other: 1.00

PE 211 - Intramural Flag Football

Credits: .50

Flag football. For men and women who wish to participate in intramural athletics. Any one

intramural activity may not be repeated for credit.

PE 212 - Strength and Conditioning

Credits: 1.00

Enrollment in these courses are restricted to varsity athletes. Students will be instructed five days a week to improve strength, speed, power, and quickness. These courses include daily strength and conditioning activity. Strength training takes place in the weight room incorporating four core lifts. Conditioning drills are held in the field house and include agility, plyometrics, speed development, etc.

PE 221 - Intramural Basketball

Credits: .50

Basketball. For men and women who wish to participate in intramural athletics. Any one intramural activity may not be repeated for credit.

PE 231 - Intramural Volleyball

Credits: .50

Volleyball. For men and women who wish to participate in intramural athletics. Any one intramural activity may not be repeated for credit.

PE 249 - Cheerleading

Credits: 1.00

This course provides physical activity credit. Enrollment is restricted to members of the varsity cheerleading squad at Adams State College. Spirit groups serve as support groups for the intercollegiate athletic program and as such, play a very important role in the administration of athletic contests.

PE 250 - Cheerleading

Credits: 1.00

This course provides physical activity credit. Enrollment is restricted to members of the varsity cheerleading squad at Adams State College. Spirit groups serve as support groups for the intercollegiate athletic program and as such, play a very important role in the administration of athletic contests.

PE 260 - Major Sport Football

Credits: 1.00

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Football. Designed to improve techniques and fundamentals associated with sport participation.

PE 261 - Major Sport Basketball

Credits: 1.00

Basketball. Designed to improve techniques and fundamentals associated with sport participation.

PE 262 - Major Sport Track

Credits: 1.00

Track. Designed to improve techniques and fundamentals associated with sport participation.

PE 263 - Major Sport Softball

Credits: 1.00

Softball. Designed to improve techniques and fundamentals associated with sport participation.

PE 264 - Major Sport Wrestling

Credits: 1.00

Wrestling. Designed to improve techniques and fundamentals associated with sport participation.

PE 265 - Major Sport Golf

Credits: 1.00

Golf. Designed to improve techniques and fundamentals associated with sport participation.

PE 266 - Major Sport Volleyball

Credits: 1.00

Volleyball. Designed to improve techniques and fundamentals associated with sport participation.

PE 267 - Major Sport Cross Country

Credits: 1.00

Cross country. Designed to improve techniques and fundamentals associated with sport participation.

PE 268 - Major Sport Soccer

Credits: 1.00

Soccer. Designed to improve techniques and fundamentals associated with sport participation.

PE 271 - Intram. Inner Tube Water Polo

Credits: .50

Inner tube water polo. For men and women who wish to participate in intramural athletics. Any one intramural activity may not be repeated for credit.

PE 279 - Special Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

PE 291 - Intramural Softball

Credits: .50

Softball. For men and women who wish to participate in intramural athletics. Any one intramural activity may not be repeated for credit.

PE 292 - Workshops

Credits: .50 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

PE 299 - Individual Studies

Credits: 1.00 to 3.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

PE 300 - Strength and Conditioning

Credits: 1.00

Enrollment in these courses are restricted to varsity athletes. Students will be instructed five days a week to improve strength, speed, power, and quickness. These courses include daily strength and conditioning activity. Strength training takes place in the weight room incorporating four core lifts. Conditioning drills are held in the field house and include agility, plyometrics, speed development, etc.

PE 301 - Prin & Prac - Football

Credits: 1.00

Football. Fundamental skills systems, strategies, and training programs associated with sport participation. Designed for participants involved in a collegiate athletic program. One course may be substituted for PE 111-198.

PE 302 - Prin/Prac Basketball

Credits: 1.00

Basketball. Fundamental skills systems, strategies, and training programs associated with sport participation. Designed for participants involved in a collegiate athletic program. One course may be substituted for PE 111-198.

PE 303 - Prin/Prac Cross Country

Credits: 1.00

Cross country. Fundamental skills systems, strategies, and training programs associated with sport participation. Designed for participants involved in a collegiate athletic program. One course may be substituted for PE 111-198.

PE 304 - Prin & Prac - Golf

Credits: 1.00

Golf. Fundamental skills systems, strategies, and training programs associated with sport participation. Designed for participants involved in a collegiate athletic program. One course may be substituted for PE 111-198.

PE 305 - Princ & Prac - Soccer

Credits: 1.00

Soccer. Fundamental skills systems, strategies, and training programs associated with sport participation. Designed for participants involved in a collegiate athletic program. One course may be substituted for PE 111-198.

PE 306 - Principles & Prac - Soccer

Credits: 1.00

PE 307 - Prin/Prac Softball

Credits: 1.00

Softball. Fundamental skills systems, strategies, and training programs associated with sports participants. Designed for participants involved in a collegiate athletic program. One course may substitute for PE 111-198.

PE 308 - Prin & Prac - Volleyball

Credits: 1.00

Volleyball. Fundamental skills systems, strategies, and training programs associated with sport participation. Designed for participants involved in a collegiate athletic program. One course may be substituted for PE 111-198.

PE 309 - Prin & Prac - Wrestling

Credits: 1.00

Wrestling. Fundamental skills systems, strategies, and training programs associated with sport participation. Designed for participants involved in a collegiate athletic program. One course may be substituted for PE 111-198.

PE 310 - Prin & Prac - Track/Field

Credits: 1.00

Track. Fundamental skills systems, strategies, and training programs associated with sport participation. Designed for participants involved in a collegiate athletic program. One course may be substituted for PE 111-198.

PE 312 - Strength and Conditioning

Credits: 1.00

Enrollment in these courses are restricted to varsity athletes. Students will be instructed five days a week to improve strength, speed, power, and quickness. These courses include daily strength and conditioning activity. Strength training takes place in the weight room incorporating four core lifts. Conditioning drills are held in the field house and include agility, plyometrics, speed development, etc.

PE 349 - Cheerleading

Credits: 1.00

This course provides physical activity credit. Enrollment is restricted to members of the varsity cheerleading squad at Adams State College. Spirit groups serve as support groups for the intercollegiate athletic program and as such, play a very important role in administration of athletic contests.

PE 350 - Cheerleading

Credits: 1.00

This course provides physical activity credit. Enrollment is restricted to members of the varsity cheerleading squad at Adams State College. Spirit groups serve as support groups for the intercollegiate athletic program and as such, play a very important role in the administration of athletic contests.

PE 360 - Major Sport Football

Credits: 1.00

Football. Designed to improve techniques and

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fundamentals associated with sport participation.

PE 361 - Major Sport Basketball

Credits: 1.00

Basketball. Designed to improve techniques and fundamentals associated with sport participation.

PE 362 - Major Sport Track

Credits: 1.00

Track. Designed to improve techniques and fundamentals associated with sport participation.

PE 363 - Major Sport Softball

Credits: 1.00

Softball. Designed to improve techniques and fundamentals associated with sport participation.

PE 364 - Major Sport Wrestling

Credits: 1.00

Wrestling. Designed to improve techniques and fundamentals associated with sport participation.

PE 365 - Major Sport Golf

Credits: 1.00

Golf. Designed to improve techniques and fundamentals associated with sport participation.

PE 366 - Major Sport Volleyball

Credits: 1.00

Volleyball. Designed to improve techniques and fundamentals associated with sport participation.

PE 367 - Major Sport Cross Country

Credits: 1.00

Cross country. Designed to improve techniques and fundamentals associated with sport participation.

PE 368 - Major Sport Soccer

Credits: 1.00

Soccer. Designed to improve techniques and fundamentals associated with sport participation.

PE 379 - Special Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

PE 392 - Workshops

Credits: .50 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

PE 399 - Individual Studies

Credits: 1.00 to 3.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

PE 400 - Strength and Conditioning

Credits: 1.00

Enrollment in these courses are restricted to varsity athletes. Students will be instructed five days a week to improve strength, speed, power, and quickness. These courses include daily strength and conditioning activity. Strength training takes place in the weight room incorporating four core lifts. Conditioning drills are held in the field house and include agility, plyometrics, speed development, etc.

PE 401 - Prin & Prac - Football

Credits: 1.00

Football. Fundamental skills systems, strategies, and training programs associated with sport participation. Designed for participants involved in a collegiate athletic program. One course may be substituted for PE 111-198.

PE 402 - Prin/Prac Basketball

Credits: 1.00

Basketball. Fundamental skills systems, strategies, and training programs associated with sport participation. Designed for participants involved in a collegiate athletic program. One course may be substituted for PE 111-198.

PE 403 - Prin/Prac Cross Country

Credits: 1.00

Cross country. Fundamental skills systems, strategies, and training programs associated with sport participation. Designed for participants involved in a collegiate athletic program. One course may be substituted for PE 111-198.

PE 404 - Prin & Prac - Golf

Credits: 1.00

Golf. Fundamental skills systems, strategies, and training programs associated with sport participation. Designed for participants involved in a collegiate athletic program. One course may be substituted for PE 111-198.

PE 405 - Prin & Prac - Soccer

Credits: 1.00

Soccer. Fundamental skills systems, strategies, and training programs associated with sport participation. Designed for participants involved in a collegiate athletic program. One course may be substituted for PE 111-198.

PE 407 - Prin/Prac Softball

Credits: 1.00

Softball. Fundamental skills systems, strategies, and training programs associated with sport participation. Designed for participants involved in a collegiate athletic program. One course may be substituted for PE 111-198.

PE 408 - Prin & Prac - Volleyball

Credits: 1.00

Volleyball. Fundamental skills systems, strategies, and training programs associated with sport participation. Designed for participants involved in a collegiate athletic program. One course may be substituted for PE 111-198.

PE 409 - Prin & Prac - Wrestling

Credits: 1.00

Wrestling. Fundamental skills systems, strategies, and training programs associated with sport participation. Designed for participants involved in a collegiate athletic program. One course may be substituted for PE 111-198.

PE 410 - Prin & Prac - Track/Field

Credits: 1.00

Track. Fundamental skills systems, strategies, and training programs associated with sport participation. Designed for participants involved in a collegiate athletic program. One course may be substituted for PE 111-198.

PE 412 - Strength and Conditioning

Credits: 1.00

Enrollment in these courses are restricted to

varsity athletes. Students will be instructed five days a week to improve strength, speed, power, and quickness. These courses include daily strength and conditioning activity. Strength training takes place in the weight room incorporating four core lifts. Conditioning drills are held in the field house and include agility, plyometrics, speed development, etc.

PE 449 - Cheerleading

Credits: 1.00

This course provides physical activity credit. Enrollment is restricted to members of the varsity cheerleading squad at Adams State College. Spirit groups serve as support groups for the intercollegiate athletic program and as such, play a very important role in the administration of athletic contests.

PE 450 - Cheerleading

Credits: 1.00

This course provides physical activity credit. Enrollment is restricted to members of the varsity cheerleading squad at Adams State College. Spirit groups serve as support \ groups or the intercollegiate athletic program and as such, play a very important role in the administration of athletic contests.

PE 460 - Major Sport Football

Credits: 1.00

Football. Designed to improve techniques and fundamentals associated with sport participation.

PE 461 - Major Sport Basketball

Credits: 1.00

Basketball. Designed to improve techniques and fundamentals associated with sport participation.

PE 462 - Major Sport Track

Credits: 1.00

Track. Designed to improve techniques and fundamentals associated with sport participation.

PE 463 - Major Sport Softball

Credits: 1.00

Softball. Designed to improve techniques and fundamentals associated with sport participation.

PE 464 - Major Sport Wrestling

Credits: 1.00

Wrestling. Designed to improve techniques and fundamentals associated with sport participation.

PE 465 - Major Sport Golf

Credits: 1.00

Golf. Designed to improve techniques and fundamentals associated with sport participation.

PE 466 - Major Sport Volleyball

Credits: 1.00

Volleyball. Designed to improve techniques and fundamentals associated with sport participation.

PE 467 - Major Sport Cross Country

Credits: 1.00

Cross country. Designed to improve techniques and fundamentals associated with sport participation.

PE 468 - Major Sport Soccer

Credits: 1.00

Soccer. Designed to improve techniques and fundamentals associated with sport participation.

PE 479 - Special Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

PE 492 - Workshops

Credits: .50 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

PE 499 - Individual Studies

Credits: 1.00 to 3.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

Philosophy

PHIL 179 - Special Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

PHIL 192 - Workshop

Credits: .50 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

PHIL 199 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

PHIL 201 - Introduction to Philosophy

Credits: 3.00

A survey of philosophical inquiries, theories, and major problems arising from man's attempt to understand the significance of the world in which he lives and works.

PHIL 202 - Ethics

Credits: 3.00

An examination of criteria governing ethical responses in typical situations as presented by representative thinkers. The application of principles in the development of reasonable standards of conduct and in the formulation of codes of ethics.

PHIL 205 - Logic

Credits: 3.00

An introduction to the essential principles of logical thinking, with particular attention to the fundamentals of inductive and deductive reasoning.

PHIL 279 - Special Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

PHIL 292 - Workshop

Credits: .50 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

PHIL 299 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

PHIL 300 - Interrelations of the Arts

Credits: 3.00

An examination of the ways the fine arts are interrelated, with particular attention given to the differing treatments of important literary, musical, and artistic themes. (Same as Eng 300.)

PHIL 303 - Religions of the World - East

Credits: 3.00

A survey of the living religions of the world.

PHIL 304 - Religions of the World - West

Credits: 3.00

A survey of the living religions of the world.

PHIL 379 - Special Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

PHIL 392 - Workshop

Credits: .50 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

PHIL 399 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

PHIL 436 - American Thought

Credits: 3.00

The historical, philosophical, and literary ideas that have influenced American life and thought. (Same as Hist 436 and Govt 436.)

PHIL 466 - Ancient Political Theory

Credits: 3.00

Designed to provoke philosophical reflection regarding the perennial, and still fundamental, questions about man in relation to the state. The first semester will focus on the period from Plato to St. Thomas. The second semester will treat thinkers from Machiavelli through Marx. (Same as Govt 466, 467.)

PHIL 467 - Modern Political Theory

Credits: 3.00

PHIL 479 - Special Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

PHIL 492 - Workshop

Credits: .50 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

PHIL 499 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

Physics**PHYS 102 - Applied Science Techniques**

Credits: 1.00

Consists of a lecture segment and a laboratory. In the lecture, students with an interest in science/engineering will learn more about the various areas of science/engineering and how science, math, and technology impact these areas. To help students develop the necessary mathematical and laboratory skills essential for further study in these areas, students will perform and analyze experiments during the laboratory segment (2 hours). Course will conclude with a design project.

PHYS 179 - Special Topics

Credits: 1.00 to 5.00

Offered periodically to meet student special interests in the field.

PHYS 192 - Workshop

Credits: 1.00 to 4.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

PHYS 199 - Individual Studies

Credits: 1.00 to 5.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

PHYS 201 - Introduction to Astronomy

Credits: 4.00

Designed to introduce students to all phases of observational astronomy.

PHYS 201L - Introduction to Astronomy Lab

Credits: 1.00

PHYS 210 - Computer Aided Drafting

Credits: 3.00

Examines the drafting/design field of mechanically oriented objects. Standards used in the industry will be discussed and adhered to on all drawings. Topics include sectioning, auxiliary views, fastening devices, tolerancing, exploded assemblies, working drawings, illustration techniques, and computer aided drafting and design.

PHYS 221 - College Physics (Alg-Trig) Lec

Credits: 4.00

An introduction to the basic principles and concepts of mechanics, heat, sound, light, magnetism, electricity, and modern physics.

Co-requisites: PHYS 222

Pre-requisites: MATH 106 Minimum Grade: D and MATH 107 Minimum Grade: D

PHYS 222 - College Physics (Alg-Trig) Lab

Credits: 1.00

One two-hour laboratory per week.

Co-requisites: PHYS 221

Pre-requisites: PHYS 223 Minimum Grade: D

PHYS 223 - College Physics (Alg-Trig) Lec

Credits: 4.00

An introduction to the basic principles and concepts of mechanics, heat, sound, light, magnetism, electricity, and modern physics.

Co-requisites: PHYS 224

Pre-requisites: PHYS 221 Minimum Grade: D and PHYS 222 Minimum Grade: D

PHYS 224 - College Physics (Alg-Trig) Lab

Credits: 1.00

One two-hour laboratory per week.

Co-requisites: PHYS 223

Pre-requisites: PHYS 221 Minimum Grade: D and PHYS 222 Minimum Grade: D

PHYS 230 - General Physics (Calculus) Lec

Credits: 4.00

A calculus-based study of the fundamental principles and concepts of mechanics, sound, heat, electricity, magnetism, and light. Designed for students planning additional course work in chemistry, physics, engineering, or mathematics. Four lectures and one problems session per week. The laboratory must be taken concurrently.

Co-requisites: MATH 121, PHYS 231

Pre-requisites: MATH 120 Minimum Grade: D and MATH 121 Minimum Grade: D

PHYS 231 - General Physics (Calculus) Lab

Credits: 1.00

One two-hour laboratory per week with lab projects that coincide with the lecture material in Phys 230, 232. A calculus-based treatment of data will be required for some lab projects.

Co-requisites: PHYS 230

Pre-requisites: PHYS 232 Minimum Grade: D

PHYS 232 - General Physics (Calculus) Lec

Credits: 4.00

A calculus-based study of the fundamental principles and concepts of mechanics, sound, heat, electricity, magnetism, and light. Designed for students planning additional course work in chemistry, physics, engineering, or mathematics. Four lectures and one problems session per week. The laboratory must be taken concurrently.

Co-requisites: PHYS 233

Pre-requisites: PHYS 230 Minimum Grade: D

PHYS 233 - General Physics (Calculus) Lab

Credits: 1.00

One two-hour laboratory per week with lab projects that coincide with the lecture material in Phys 230, 232. A calculus-based treatment of data will be required for some lab projects.

Co-requisites: PHYS 232

Pre-requisites: PHYS 230 Minimum Grade: D and PHYS 231 Minimum Grade: D

PHYS 242 - Statics

Credits: 3.00

An application of transitional and rotational equilibrium of physical structures. A few well understood basic principles will be used to ana-

lyze and solve problems in a logical manner. Vector algebra is introduced and is used throughout the course.

Pre-requisites: PHYS 230 Minimum Grade: D

PHYS 243 - Dynamics

Credits: 3.00

A one, two and three dimensional study of the kinematics and dynamics of point particles, rigid-bodies, and systems of particles using the fundamental principles of classical mechanics. The emphasis is on the development of logical problem-solving techniques using both deductive and inductive reasoning. Calculus and vector algebra are used extensively.

Pre-requisites: PHYS 242 Minimum Grade: D

PHYS 244 - Electric Circuits

Credits: 3.00

A development of the concepts used to analyze DC and AC circuits. Topics will include Kirchhoff's Voltage and Current Laws, series-parallel networks, mesh analysis, network theorems (DC and AC), and resonance circuit analysis. Mathematical techniques (determinants, Gaussian elimination) are developed as needed. This is a problem-solving class and no laboratory work is associated with the class.

Pre-requisites: PHYS 230 Minimum Grade: D and MATH 220 Minimum Grade: D

PHYS 246 - Engineering Thermodynamics

Credits: 3.00

A study of the bulk properties of matter in terms of energy (heat) and the laws of thermodynamics. Applications will be in the areas of energy systems and processes, pollution, heat transfer, and heat engines.

Pre-requisites: PHYS 230 Minimum Grade: D

PHYS 279 - Special Topics

Credits: 1.00 to 5.00

Offered periodically to meet student special interests in the field.

PHYS 292 - Workshop

Credits: 1.00 to 4.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

PHYS 299 - Individual Studies

Credits: 1.00 to 5.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

PHYS 300 - Electron/Electric Measure

Credits: 3.00

Study of solid state devices, circuits, electrical measurements practice and theory, servos, operational amplifiers, digital and analog systems, and wave and pulse shaping analysis. Offered fall of even years.

Pre-requisites: PHYS 223 Minimum Grade: C or PHYS 232 Minimum Grade: C

PHYS 302 - Mechanics

Credits: 4.00

Advanced study of the laws of motion, including particle dynamics, harmonic oscillators, energy, and gravitation. Offered spring of odd years.

Pre-requisites: PHYS 230 Minimum Grade: C and PHYS 231 Minimum Grade: C and PHYS 232 Minimum Grade: C and PHYS 233 Minimum Grade: C and MATH 327 Minimum Grade: C

PHYS 304 - Electricity and Magnetism

Credits: 4.00

The elements of the mathematical theory of magnetostatics, electrostatics, electric currents, electrodynamics, and electromagnetic waves. Offered in the fall of odd years.

Pre-requisites: PHYS 230 Minimum Grade: C and PHYS 231 Minimum Grade: C and PHYS 232 Minimum Grade: C and PHYS 233 Minimum Grade: C and MATH 327 Minimum Grade: C

PHYS 306 - Modern Physics

Credits: 4.00

A survey of topics in modern physics including: special relativity, properties of electromagnetic radiation, an introduction to quantum mechanics with applications to barriers and atoms, statistical mechanics, solid state physics, properties of nuclei and their transformations, natural and induced radioactivity, and elementary particles. Offered spring semesters of even years.

208 Course Offerings

Pre-requisites: PHYS 231 Minimum Grade: D and PHYS 232 Minimum Grade: D and PHYS 233 Minimum Grade: D and MATH 120 Minimum Grade: D and MATH 121 Minimum Grade: D and CHEM 131 Minimum Grade: D and CHEM 132 Minimum Grade: D

PHYS 320 - Planetarium Operation

Credits: 2.00

Techniques in the preparation and presentation of planetarium shows at the Zacheis Planetarium/Observatory.

Pre-requisites: PHYS 201 Minimum Grade: D

PHYS 379 - Special Topics

Credits: 1.00 to 5.00

Offered periodically to meet student special interests in the field.

PHYS 392 - Workshop

Credits: 1.00 to 4.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

PHYS 399 - Individual Studies

Credits: 1.00 to 5.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

PHYS 436 - Research in Physics

Credits: 1.00

The physics "capstone" experience. An independent research course tailored to meet the needs/desires of the student. The student will work with a professor on a research project either designed by the student or by the professor. The research must produce a professional quality paper and a presentation before a group of peers and professors.

PHYS 479 - Special Topics

Credits: 1.00 to 5.00

Offered periodically to meet student special interests in the field.

PHYS 492 - Workshop

Credits: 1.00 to 4.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

PHYS 499 - Individual Studies

Credits: 1.00 to 5.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

Psychology

PSYC 101 - Introduction to Psychology

Credits: 3.00

This course provides students with a survey of research and theory in the science of psychology. An important goal of the course is to broaden the student's understanding of self and others. Course topics include critical thinking skills, research methods, neuroscience, sensation and perception, life-span development, learning, memory, personality, psychological disorders, and social psychology.

PSYC 179 - Special Topics

Credits: 1.00 to 3.00

Offered periodically to meet student special interests in the field.

PSYC 192 - Workshops

Credits: .50 to 3.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

PSYC 199 - Independent Study

Credits: 1.00 to 3.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

PSYC 204 - Child Development

Credits: 3.00

The goal of this course is to examine the interaction of heredity and environment on human development from conception through pre-adolescence. Issues in physical, cognitive, and social development from the individual and normative perspectives are explored. Some topics include the birth process, early cognitive and language development, gender socialization, the impact of parenting styles, and moral reasoning.

Pre-requisites: PSYC 101 Minimum Grade: C

PSYC 205 - Adolescent & Adult Development

Credits: 3.00

This course continues the study of life-span development from adolescence through old age and death. Issues in physical, cognitive, and social development from the individual and normative perspectives are explored. Topics include identity formation, sexual orientation, marriage, models of aging, changes in cognition, social development, and coping with old age.

Pre-requisites: PSYC 101 Minimum Grade: C

PSYC 211 - Introduction to Statistics

Credits: 4.00

In this course, students will develop a working appreciation of statistical concepts and applications as employed in the behavioral sciences. The course presents descriptive and inferential statistics and their applications. The laboratory component of this course gives students an opportunity to develop skills in using statistical software.

Pre-requisites: PSYC 101 Minimum Grade: C and MATH 099 Minimum Grade: S or MATH 101 Minimum Grade: C or MATH 104 Minimum Grade: C or MATH 106 Minimum Grade: C or MATH 120 Minimum Grade: C or MATH 140 Minimum Grade: C or MATH 107 Minimum Grade: C or MATH 121 Minimum Grade: C

PSYC 215 - American Sign Language I

Credits: 3.00

PSYC 245 - Brain and Behavior

Credits: 3.00

This course provides students with a basic overview of the biological processes underlying human behavior. This course begins by presenting fundamental nervous system structures and processes and concludes by examining the role of biology in complex behaviors. Clinical case studies are used to illustrate psychological and neurological disorders. Sample topics include evolution and genetics, neural communication, major brain structures and their functions, human brain damage, sleep and dreaming, drug addiction, memory and amnesia, and stress and illness.

Pre-requisites: PSYC 101 Minimum Grade: C

PSYC 279 - Special Topics

Credits: 1.00 to 3.00

Offered periodically to meet student special interests in the field.

PSYC 292 - Workshops

Credits: .50 to 3.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

PSYC 299 - Independent Study

Credits: 1.00 to 3.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

PSYC 302 - Residence Hall**Guid/Governance**

Credits: 1.00 to 3.00

Philosophy and techniques of counseling and programming and their application to residence hall living.

PSYC 303 - Residence Hall**Guid/Governance**

Credits: 1.00 to 3.00

Philosophy and techniques of counseling and programming and their application to residence hall living.

Pre-requisites: PSYC 302 Minimum Grade: C

PSYC 310 - Child & Adoles Abnormal Psych

Credits: 3.00

This course provides an examination of the classification, scientific theories, and research regarding abnormal behavior of children and adolescents. Distinctions between adult and childhood disorders will be explored from a developmental perspective. The study of abnormal behavior of children and adolescence (or developmental psychopathology) focuses on nature and development of mental disorders, such as depression, attention-deficit hyperactivity disorder, separation anxiety disorder, the autistic spectrum of disorders, to name just a few. Information regarding the etiology (causes) adult and childhood disorders will be explored.

Pre-requisites: PSYC 101 Minimum Grade: C and PSYC 204 Minimum Grade: C

PSYC 312 - Introduction to Counseling

Credits: 3.00

This course provides an introduction to the profession of counseling and the importance of interpersonal communication skills and self-awareness across a variety of disciplines. Topics include an introduction to different counseling approaches, such as individual, family, and group counseling.

Pre-requisites: PSYC 101 Minimum Grade: C and PSYC 204 Minimum Grade: C or PSYC 205 Minimum Grade: C

PSYC 315 - Multicultural Issues

Credits: 3.00

In this course, students will explore various components of a multicultural society and the impact of social and cultural forces on identity development and formation. The processes of acculturation and assimilation will be discussed. Students will also gain insight into their own cultural experiences in a pluralistic society.

Pre-requisites: PSYC 101 Minimum Grade: C and PSYC 204 Minimum Grade: C or PSYC 205 Minimum Grade: C

PSYC 316 - Drugs, Society & Human Behavior

Credits: 3.00

This course addresses the social, biological, and psychological factors of the major drugs associated with therapeutic and recreational use and abuse. Topics include drug use as a social problem, theories and treatment of addiction, how drugs work, and the detrimental health effects of drug use.

Pre-requisites: PSYC 101 Minimum Grade: C and PSYC 211 Minimum Grade: C and PSYC 245 Minimum Grade: C

PSYC 321 - American Sign Language II

Credits: 3.00

Pre-requisites: PSYC 215 Minimum Grade: C

PSYC 330 - Professional Seminar

Credits: 1.00

This course provides psychology majors with an overview of careers and opportunities in the field of psychology. Educational requirements, career opportunities, and professional and ethical issues are discussed.

Pre-requisites: PSYC 101 Minimum Grade: C and PSYC 204 Minimum Grade: C or PSYC 205 Minimum Grade: C

PSYC 340 - Psyc of Risk:Outdoor Adventure

Credits: 3.00

PSYC 345 - Psychological Testing & Assess

Credits: 3.00

This course provides students with an introduction to the methods and issues involved in testing and assessment. Various assessment domains are presented including personality, cognitive ability, and interests/values. Topics covered in this course include the historical foundation of assessment, reliability, validity, and test construction; and ethical considerations.

Pre-requisites: PSYC 204 Minimum Grade: C and PSYC 101 Minimum Grade: C or PSYC 205 Minimum Grade: C or PSYC 211 Minimum Grade: C

PSYC 350 - Industrial/Organiz'tl Psych

Credits: 3.00

This course focuses on the application of psychological principles to the workplace. The domains of personnel psychology, organizational psychology, and human factors are presented. Research and real-world applications are discussed in relation to employee selection, training, and promotion; organizational climate and leadership; and human-computer interface.

Pre-requisites: PSYC 101 Minimum Grade: C

PSYC 351 - American Sign Language III

Credits: 3.00

Pre-requisites: PSYC 215 Minimum Grade: C and PSYC 321 Minimum Grade: C

PSYC 355 - Experimental Psychology

Credits: 4.00

This course focuses on the procedures and potential problems associated with research in the behavioral sciences. Students learn how to develop research questions, choose an appropriate research design, collect and analyze data using statistical software, interpret results, and write a report using APA style. The laboratory component provides hands-on experience

working with these concepts.

Pre-requisites: PSYC 101 Minimum Grade: C and PSYC 211 Minimum Grade: C

PSYC 360 - Psychology of Gender

Credits: 3.00

This course will examine gender development from a variety of theoretical approaches, including evolutionary, cognitive, social learning, and cross-cultural. Topics will include how gender influences thinking, communication, interpersonal relationships, education, work, and family.

Pre-requisites: PSYC 101 Minimum Grade: C and PSYC 211 Minimum Grade: C and PSYC 204 Minimum Grade: C

PSYC 375 - Human Sexuality

Credits: 3.00

In this multidisciplinary course, students will be introduced to the physiological, medical, sociological, psychological, legal, pathological, ethical and moral, and educational facets of human sexuality. Topics in this course include male and female sexual anatomy and sexual response, contraception and disease control, sexually transmitted diseases, and sexual orientation.

Pre-requisites: PSYC 101 Minimum Grade: C and PSYC 204 Minimum Grade: C and PSYC 205 Minimum Grade: C

PSYC 379 - Special Topics

Credits: .50 to 6.00

Offered periodically to meet student special interests in the field.

PSYC 380 - Health Psychology

Credits: 3.00

Health Psychology examines the psychosocial factors relevant to health. The course emphasis will be on the contribution of psychological theory to the encouragement of health and wellness and prevention of physical illness. Topics include stress management, health and behavior, chronic and life-threatening illness, treatment, and evaluation of health-related research. Psyc 211 Recommended.

Pre-requisites: PSYC 101 Minimum Grade: C

PSYC 385 - Applied Behavioral Psychology

Credits: 3.00

Pre-requisites: PSYC 101 Minimum Grade: C

PSYC 392 - Workshops

Credits: .50 to 3.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

PSYC 399 - Independent Study

Credits: 1.00 to 3.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

PSYC 410 - Social Psychology

Credits: 3.00

This course will examine how social processes impact thoughts, feelings, and behavior through the survey of theory and research. Topics will include attraction, aggression, helping, obedience, attitudes, and prejudice.

Pre-requisites: PSYC 101 Minimum Grade: C and PSYC 211 Minimum Grade: C and PSYC 355 Minimum Grade: C and PSYC 204 Minimum Grade: C and PSYC 205 Minimum Grade: C

PSYC 414 - Cognitive Psychology

Credits: 3.00

This course presents the scientific study of the basic phenomena, concepts, and processes involved in perception, attention, memory, and higher cognitive functions. Cognitive theory and research methods are used in interpreting cognitive phenomena.

Pre-requisites: PSYC 101 Minimum Grade: C and PSYC 211 Minimum Grade: C and PSYC 355 Minimum Grade: C

PSYC 416 - Behavioral Neuroscience

Credits: 3.00

This course provides a more thorough examination of the biological basis of human behavior. The biological mechanisms of behavior are emphasized as well as the evolution, genetics, and adaptiveness of behavioral processes. The impact on society of recent developments in neuroscience is also examined.

Pre-requisites: PSYC 101 Minimum Grade: C

and PSYC 211 Minimum Grade: C and PSYC 245 Minimum Grade: C and PSYC 355 Minimum Grade: C

PSYC 430 - Abnormal Psychology

Credits: 3.00

The purpose of this course is to provide students with the historical and social background necessary to understand abnormal behavior. Students will examine the psychodynamic, behavioral, and cognitive approaches related to the development and treatment of mental disorders and their classifications. Topics will include schizophrenia, depression, bipolar, and personality disorders.

Pre-requisites: PSYC 101 Minimum Grade: C and PSYC 204 Minimum Grade: C and PSYC 205 Minimum Grade: C and PSYC 211 Minimum Grade: C

PSYC 450 - American Sign Language IV

Credits: 3.00

Pre-requisites: PSYC 215 Minimum Grade: C and PSYC 321 Minimum Grade: C and PSYC 351 Minimum Grade: C

PSYC 456 - Theories of Learning

Credits: 3.00

This course presents the historical underpinnings of the major theories and principles of learning, and how they are used in applied settings. The classic learning theories and methods are contrasted with contemporary theories and research. Topics covered include classical and operant conditioning, observational learning, and motivation. Psyc 355 Recommended.

Pre-requisites: PSYC 101 Minimum Grade: C and PSYC 204 Minimum Grade: C and PSYC 205 Minimum Grade: C and PSYC 355 Minimum Grade: C

PSYC 458 - Sensation and Perception

Credits: 3.00

This course examines the physiological and behavioral components of basic sensory processes and the role they play in perception. These sensory systems include vision, audition, the somatic senses (touch, temperature, and pain) and the chemical senses (taste and smell). The development and clinical aspects of these sensory systems are also studied. Sample topics

include receptors and neural processing, color perception, depth and size perception, perception of movement, speech perception, and the perception of pitch.

Pre-requisites: PSYC 101 Minimum Grade: C and PSYC 211 Minimum Grade: C and PSYC 245 Minimum Grade: C and PSYC 355 Minimum Grade: C

PSYC 460 - Counsel Skills for Clsrm Tchrs

Credits: 3.00

Designed to develop knowledge of the basic theories in guidance and counseling as they apply to the classroom teacher. Special emphasis will be placed on the application of these theories and techniques with exceptional students, parents of exceptional students, and with other professionals involved in the educational process. Skills will be developed in the following major areas: 1) communication skills and group process, 2) career and vocational planning, and 3) use of school and community resources.

Pre-requisites: PSYC 101 Minimum Grade: C and PSYC 204 Minimum Grade: C or PSYC 205 Minimum Grade: C

PSYC 465 - Theories of Personality

Credits: 3.00

This course provides an introduction to the psychodynamic, behavioral, and humanistic/existential approaches to personality. Specific theories and current research within each approach are reviewed. The course covers such theorists as Freud, Jung, Erikson, Skinner, Bandura, Cattell, Allport, and May.

Pre-requisites: PSYC 101 Minimum Grade: C and PSYC 204 Minimum Grade: C and PSYC 205 Minimum Grade: C and PSYC 211 Minimum Grade: C

PSYC 468 - History and Systems of Psych

Credits: 3.00

The goals of this course are to examine the origins of modern psychology and to show that many of psychology's modern concerns are manifestations of continuing issues that have been part of psychology for hundreds of years. Course topics include the development of modern science and experimentalism, Darwinian influences, functionalism, behavior-

ism, cognitivism, the psychoanalytic tradition, humanism, and psychobiology.

Pre-requisites: PSYC 101 Minimum Grade: C and PSYC 204 Minimum Grade: C and PSYC 211 Minimum Grade: C and PSYC 205 Minimum Grade: C

PSYC 479 - Special Topics

Credits: 1.00 to 3.00

Offered periodically to meet student special interests in the field.

PSYC 480 - Honors Seminar in Psychology

Credits: 3.00

This course allows exceptional students in psychology to conduct research with a faculty member. Arrangements and approval by a faculty member are required for enrollment in this course.

Pre-requisites: PSYC 101 Minimum Grade: C and PSYC 211 Minimum Grade: C and PSYC 355 Minimum Grade: C

PSYC 481 - Honors Seminar in Psychology

Credits: 3.00

This course allows exceptional students in psychology to conduct research with a faculty member. Arrangements and approval by a faculty member are required for enrollment in this course.

Pre-requisites: PSYC 101 Minimum Grade: C and PSYC 211 Minimum Grade: C and PSYC 355 Minimum Grade: C

PSYC 490 - Field Studies in Psychology

Credits: 1.00 to 15.00

Senior psychology majors will gain applied experience in psychology by volunteering for a service organization.

Pre-requisites: PSYC 101 Minimum Grade: C

PSYC 492 - Workshops

Credits: .50 to 3.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

PSYC 495 - Independent Research

Credits: 3.00

Exceptional students will conduct independent research or a project under the guidance of a faculty member.

PSYC 499 - Independent Study

Credits: 1.00 to 3.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

Science

SCI 100 - Review Math for College Sci

Credits: 2.00

SCI 101 - Sciences I-Physical Science

Credits: 2.00

An introduction and survey of major topics in the field of physics including force and motion, energy, momentum, waves, sound, electricity, magnetism, the properties of light and optics. Specifically designed for the non-science major. Students will be introduced to topics in physics and its practical applications. Satisfies one-fourth of the general studies science requirement. Does not count towards a major or minor in physics. College Physics (Phys 221 and 222) or General Physics (Phys 230 and 231) can be taken as a substitute to fulfill the general studies requirement. Most students should co-enroll in Sci 102.

Co-requisites:

Pre-requisites: MATH 101 Minimum Grade: C or Math Placement Test 23 or ACT Math 19 or SAT Math 440

SCI 102 - Sciences I-Chemical Science

Credits: 2.00

An introduction to the major theories and principles of chemistry and their practical applications. Students will be introduced to atomic structure, bonding, nomenclature, reactions, acids and bases, organic, and biochemistry. Specifically designed for the non-science major. Satisfies one-fourth of the general studies science requirement. Does not count towards a major or minor in chemistry. Introductory Chemistry (Chem 101) or General Chemistry (Chem 131) can be taken as a substitute to fulfill the general studies requirement. Most students should co-enroll in Sci 101.

Co-requisites:

Pre-requisites: MATH 101 Minimum Grade: C or Math Placement Test 23 or ACT Math 19 or SAT Math 440

SCI 103 - Sciences II-Earth Science

Credits: 2.00

An examination of cycles associated with water, rocks, tectonics and the solar system. Students will be introduced to fundamental concepts of geology, hydrology, meteorology, oceanography, and astronomy. Specifically designed for the non-science major. Satisfies one-fourth of the general studies science requirement. Does not count towards a major or minor in geology. Physical Geology (Geol 111) can be taken as a substitute to fulfill the general studies requirement. Most students should co-enroll in Sci 104.

Co-requisites:

Pre-requisites: SCI 101 Minimum Grade: D and SCI 102 Minimum Grade: D

SCI 104 - Sciences II-Life Science

Credits: 2.00

An introduction to the major theories and principles of biology and their current applications. Students will be introduced to evolution by natural selection, classical genetics, molecular biology, basic cell structure and function, and ecology. Specifically designed for the non-science major. Satisfies one-fourth of the general studies science requirement. Does not count towards a major or minor in biology. General Biology (Biol 203) can be taken as a substitute to fulfill the general studies requirement. Most students should co-enroll in Sci 103.

Co-requisites:

Pre-requisites: SCI 101 Minimum Grade: D and SCI 102 Minimum Grade: D

SCI 179 - Special Topics

Credits: 1.00 to 5.00

Offered periodically to meet student special interests in the field.

SCI 192 - Workshop

Credits: 1.00 to 4.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

SCI 199 - Individual Studies

Credits: 1.00 to 5.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

SCI 279 - Special Topics

Credits: 1.00 to 5.00

Offered periodically to meet student special interests in the field.

SCI 292 - Workshop

Credits: 1.00 to 4.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

SCI 299 - Individual Studies

Credits: 1.00 to 5.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

SCI 310 - Meth of Teaching Science-Elem

Credits: 3.00

In this course students will develop and implement strategies for inquiry based science education in Biology, Chemistry, Earth Science, and Physics that is appropriate for use in an elementary school classroom. These strategies will be grounded in fundamental science concepts, learning theory, instructional and assessment strategies, correlation with National and Colorado Science Content Standards, and a basic understanding of the nature of science. Emphasis will be given to integrating science into the broader curriculum. This course has a concurrent, required 0-credit laboratory that consists of twenty (20) hours of supervised, field-based experience related to the teaching of science in the elementary classroom. In the laboratory, students will observe different pedagogical techniques and will participate in direct instruction by teaching at least two hands-on activities from different areas of science. A notebook describing the field-based experience and student reflections on the experience will be required. The course includes 3 hours of lecture per week.

Pre-requisites: Teacher Ed Professional Prog 1 and (MATH 104 Minimum Grade: C or MATH 106 Minimum Grade: C or MATH 120 Minimum Grade: C) and ((BIOL 203 Minimum Grade: C or SCI 104 Minimum Grade: C) and (CHEM 111 Minimum Grade: C or CHEM 131 Minimum Grade: C or SCI 102 Minimum Grade: C) and (GEOL 111

Minimum Grade: C or SCI 103 Minimum Grade: C) and ((PHYS 221 Minimum Grade: C and PHYS 222 Minimum Grade: C) or (PHYS 230 Minimum Grade: C and PHYS 231 Minimum Grade: C) or SCI 101 Minimum Grade: C))

SCI 350 - Meth of Teaching Science-Sec

Credits: 3.00

This course stresses the development and implementation of strategies for inquiry-based science education in the secondary classroom. These strategies will be grounded in fundamental science concepts, learning theory, instructional and assessment strategies, correlation with national and Colorado State Science Content Standards, and a basic understanding of the nature of science. This course is restricted to students classified as Juniors, Seniors, or Graduates who have substantially completed their science content program.

Pre-requisites: Teacher Ed Professional Prog 1

SCI 379 - Special Topics

Credits: 1.00 to 5.00

Offered periodically to meet student special interests in the field.

SCI 392 - Workshop

Credits: 1.00 to 4.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

SCI 399 - Individual Studies

Credits: 1.00 to 5.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

SCI 479 - Special Topics

Credits: 1.00 to 5.00

Offered periodically to meet student special interests in the field.

SCI 492 - Workshop

Credits: 1.00 to 4.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

SCI 499 - Individual Studies

Credits: 1.00 to 5.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

Sociology

SOC 179 - Special Topics

Credits: 1.00 to 5.00

Offered periodically to meet student special interests in the field.

SOC 192 - Workshops

Credits: 1.00 to 5.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

SOC 199 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

SOC 201 - The Sociological Imagination

Credits: 3.00

The social world is often taken for granted or reduced to explanations that stem from conventional wisdom and personal experience. This course is designed to encourage students to develop social scientific frameworks for analyzing the social world in a context that transcends conventional wisdom and personal experience. The major question is "What are the social forces, operating in society and often beyond the control of individuals, that shape individual behaviors and societal changes?" Topics include culture, socialization, social and economic inequalities, social structure, organizational behavior, social groups, deviance, and social institutions (family, religion, education, and political economy).

SOC 220 - Marriages and Families

Credits: 3.00

This course analyzes the changing patterns of family life and gender roles in contemporary society, the social sources of these changes, and their societal and individual consequences. The implications of these events on each student's

family are examined.

Pre-requisites: SOC 201 Minimum Grade: C

SOC 245 - Crime and Delinquency

Credits: 3.00

This course is an introduction to the field of criminology with special emphasis on theories of crime and delinquency causation, kinds of criminals, victimology, and social control agents (i.e., the police, courts, and "corrections"). Special topics examined include gangs, capital punishment, drunk driving, decriminalization, victimless crime, and gun control.

Pre-requisites: SOC 201 Minimum Grade: C

SOC 251 - Social Prob/Welfare Strategies

Credits: 3.00

This course surveys contemporary social problems, including poverty, family violence, mental illness, alienation, alcohol and substance abuse, and juvenile delinquency. Emphasis is placed on the causes, severity, consequences, and strategies for alleviating social problems.

Pre-requisites: SOC 201 Minimum Grade: C

SOC 279 - Special Topics

Credits: 1.00 to 5.00

Offered periodically to meet student special interests in the field.

Pre-requisites: SOC 201 Minimum Grade: C

SOC 315 - Sociology of Education

Credits: 3.00

This course explores the relationship between education and society with special emphasis on the effects of this relationship on the lives of students in the American education system.

Pre-requisites: SOC 201 Minimum Grade: C

SOC 318 - "Race," Class, and Gender

Credits: 3.00

The focus of this course is on the interrelated ascribed statuses of "race," social class, gender, and sexual orientation in American society, how they are perceived and reinforced, the social tensions that result and the dynamics of change.

Pre-requisites: SOC 201 Minimum Grade: C

SOC 346 - Criminal Justice

Credits: 3.00

The focus of this course is on the organizational structures and social processes of the American criminal justice system. It will examine, in particular, the law enforcement and judicial systems.

Pre-requisites: SOC 245 Minimum Grade: C

SOC 352 - Human Behavior & Social Env

Credits: 3.00

This course explores the human services needs of selected special populations in the community. At-risk populations under investigation include the unemployed, frail elderly, homeless, mentally ill, single parent and multi-problem families, and ethnic minorities. Emphasis is placed upon specific social work techniques and practice skills, such as the ecological approach, case management, interviewing and assessment, and community organizing.

Pre-requisites: SOC 251 Minimum Grade: C

SOC 379 - Special Topics

Credits: .50 to 5.00

Offered periodically to meet student special interests in the field.

Pre-requisites: SOC 201 Minimum Grade: C

SOC 395 - Pre-Professional Seminar

Credits: 2.00

This course provides an introduction to the profession of sociology and the various career options available to graduates. Occupational and graduate school options are explored in detail through library research, presentations, observational and volunteer experiences, and informational interviews. Skills for job interviewing, resume development, and professional correspondence are explored.

Pre-requisites: SOC 201 Minimum Grade: C

SOC 399 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

Pre-requisites: SOC 201 Minimum Grade: C

SOC 401 - Social Psychology

Credits: 3.00

This course will look at Social Psychology from

a sociological perspective. It will consider (1) social experience gained from the individuals' participation in social groups; (2) interactions with others; (3) the effects of the cultural environment on both social experience and interactions with others; and (4) the emergence of social structure from these interactions.

Pre-requisites: SOC 201 Minimum Grade: C

SOC 407 - Demography

Credits: 3.00

This course examines the size, distribution, and composition of populations. It focuses on causes and implication of shifts in age, fertility, morality, and migration patterns within the United States and other countries.

Pre-requisites: SOC 201 Minimum Grade: C

SOC 419 - Gender and Society

Credits: 3.00

This course will focus on how male and female biology (i.e., sex) is transformed through the process of socialization into cultural expectations (i.e., gender roles). It will consider how "femininity" and "masculinity" are defined cross-culturally and historically. There will be an examination of how gender roles are constructed and challenged in the popular culture (e.g., the mass media) and through the institutions such as the family, religion, education, and the political economy.

Pre-requisites: SOC 201 Minimum Grade: C

SOC 444 - Deviance and Control

Credits: 3.00

The sociology of deviance and control examines the nature of rule-making and rule-breaking in modern societies. The course includes theoretical considerations of the causes and consequences of deviance.

Pre-requisites: SOC 201 Minimum Grade: C

SOC 445 - Sociological Theory

Credits: 3.00

The major theories of society are covered in their classical and contemporary forms.

Pre-requisites: SOC 201 Minimum Grade: C

SOC 447 - Correctional Systems

Credits: 3.00

This course will focus on corrections as one of

the components of the American criminal justice system and its operation within a democratic form of government. The philosophical and historical underpinnings of punishment and corrections will be analyzed and compared (e.g., punishment vs. rehabilitation).

Pre-requisites: SOC 346 Minimum Grade: C and SOC 201 Minimum Grade: C

SOC 455 - Sociological Research Methods

Credits: 4.00

This course is designed to teach students a variety of research methods. Students will be instructed in the fundamentals of research design and implementation, including ethical considerations. Students will read and study the research projects of selected sociologists. Then students will engage in hands-on mini-projects to practice qualitative and quantitative research methods. Finally, students will design and write a research proposal.

Pre-requisites: PSYC 211 Minimum Grade: C and SOC 201 Minimum Grade: C

SOC 470 - Social Welfare Policy

Credits: 3.00

This course analyzes the historical development, current content, and adequacy of social welfare policies in the United States. Special emphasis is placed on policy areas such as antipoverty, income security and redistribution, mental health, and aging.

Pre-requisites: SOC 352 Minimum Grade: C and SOC 201 Minimum Grade: C

SOC 479 - Special Topics

Credits: 1.00 to 5.00

Offered periodically to meet student special interests in the field.

Pre-requisites: SOC 201 Minimum Grade: C

SOC 490 - Internship in Sociology

Credits: 1.00 to 6.00

This course also requires instructor approval as a prerequisite. Students who are in the general sociology emphasis are placed in a field experience best fitting their career goals. This course requires instructor approval.

Pre-requisites: SOC 201 Minimum Grade: C

SOC 492 - Workshops

Credits: .50 to 5.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

Pre-requisites: SOC 201 Minimum Grade: C

SOC 493 - Internship in Social Welfare

Credits: 3.00

This course also requires instructor approval as a prerequisite. The student is placed with a human service agency in the community. A department faculty member and supervisor in the field studies agency will provide supervision for the student. This course requires instructor approval for registration purposes.

Pre-requisites: SOC 201 Minimum Grade: C

SOC 494 - Internship in Criminology

Credits: 3.00

This course also requires instructor approval as a prerequisite. The student is placed in a supervised internship with a criminal justice-related agency in the community. The student will contribute time and effort in return for practical experience. Agencies available for placement include adult or juvenile probation and diversion, domestic violence, law enforcement, juvenile and adult corrections, district attorney, and public defender. This course requires instructor approval for registration purposes.

Pre-requisites: SOC 201 Minimum Grade: C

SOC 499 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

Pre-requisites: SOC 201 Minimum Grade: C

Spanish**SPAN 103 - Elementary Spanish I**

Credits: 3.00 or 4.00

A study of the principles of pronunciation, basic level conversation, essentials of grammar, written composition, and reading of materials of graded difficulty.

SPAN 104 - Elementary Spanish II

Credits: 3.00 or 4.00

A continuation of Span 103. Covers the princi-

ples of pronunciation, conversation, essentials of grammar, written composition, and reading of materials of graded difficulty.

Pre-requisites: SPAN 103 Minimum Grade: C

SPAN 179 - Special Topics

Credits: 1.00 to 8.00

Offered periodically to meet student special interests in the field.

SPAN 192 - Workshop

Credits: 1.00 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

SPAN 199 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

SPAN 201 - Pronunciation and Conversation

Credits: 2.00

Instruction and practice in the basic pronunciation of the Spanish sound system. Special attention and practice will be devoted to the most difficult combinations of phonemes and morphemes of Spanish for the non-native speaker. Some practice is also devoted to a basic level of Spanish conversation.

Pre-requisites: SPAN 103 Minimum Grade: C

SPAN 203 - Intermediate Spanish I

Credits: 3.00

Review of grammar, written composition, and translation. Special attention to vocabulary building. Emphasis on understanding and speaking Spanish.

Pre-requisites: SPAN 104 Minimum Grade: C

SPAN 204 - Reading & Conversation

Credits: 3.00

Readings on cultural topics, discussions, speaking activities, review of some grammatical features, attention to vocabulary building. Emphasis on understanding and speaking Spanish.

Pre-requisites: SPAN 203 Minimum Grade: C

SPAN 279 - Special Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

SPAN 292 - Workshop

Credits: 1.00 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

SPAN 299 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

SPAN 301 - Advanced Grammar & Comp I

Credits: 3.00

Intensive course in grammar and in the writing composition of the language. Advanced grammar principles, translation from English to Spanish and other language refinements.

Pre-requisites: SPAN 204 Minimum Grade: C

SPAN 309 - La Novela Picaresca

Credits: 3.00

Pre-requisites: SPAN 203 Minimum Grade: D and SPAN 204 Minimum Grade: D and SPAN 300 Minimum Grade: D

SPAN 310 - Southwest/Standard Spanish

Credits: 3.00

Instruction in understanding the development and characteristics of oral Southwest Spanish. The course also provides ample oral and written practice in the acquisition of standard Spanish.

Pre-requisites: SPAN 204 Minimum Grade: C

SPAN 313 - Conversation and Composition I

Credits: 3.00

This course provides instruction in the development of advanced level conversation and writing skills (spelling, paragraphs, summaries, letters, reports, etc.) in Spanish. The student will acquire the useful everyday skills needed to communicate in Spanish correctly.

Pre-requisites: SPAN 204 Minimum Grade: C

SPAN 315 - Spanish for Business

Credits: 3.00

Instruction in the specific vocabulary, grammatical structures, and cultural insights needed to effectively deal with the common everyday business interactions between the Spanish-speaking client and English-speaking business community.

Pre-requisites: SPAN 204 Minimum Grade: C

SPAN 316 - Spanish for Health Professions

Credits: 3.00

Instruction in the special vocabulary, grammatical structures and cultural understanding needed to deal effectively with the Spanish speaking patient/health professional interactions. The student will learn to interact in Spanish with a variety of simulated common everyday patient/health personnel situations.

Pre-requisites: SPAN 204 Minimum Grade: C

SPAN 317 - Spanish for Translation

Credits: 3.00

Instruction in the specific vocabulary, grammatical structures, and cultural insights needed to effectively deal with the non-technical general translations from English/Spanish or Spanish/English. Although the student will learn that there are various approaches used in the translation of texts, this course emphasizes the translation of the underlying message and its meaning based on the cultural context.

Pre-requisites: SPAN 204 Minimum Grade: C

SPAN 325 - Spanish Civ & Culture

Credits: 3.00

Instruction on selected themes taken from the historical legacy and cultural institutions of the Spanish people. The cultural topics include reading on: the roman legacy, the church, the moors, the great writers of the Golden Age, the great Spanish monarchs, Franco, etc. The selected themes will determine the supplemental readings that are selected for in depth discussion and study.

Pre-requisites: SPAN 204 Minimum Grade: D

SPAN 326 - Latin American Civ & Culture

Credits: 3.00

Instruction on selected themes taken from the historical and literary legacy of the Latin

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American people. The literary topics include reading on: the Spanish conquest, the Indian, independence, social protest, women, religious faith, etc. The selected themes will determine the readings that are selected for in depth discussion and study.

Pre-requisites: SPAN 204 Minimum Grade: D

SPAN 330 - Hispanic Folklore of the SW

Credits: 3.00

A study of the rich folklore of the Northern New Mexico and Southern Colorado Hispanic people. A study of existing collections of Hispanic folklore of the region to learn how these folk ways, traditions, oral literature, and language have shaped their values and culture. Course taught in English.

Pre-requisites: SPAN 104 Minimum Grade: D

SPAN 340 - Topics in Spanish Literature

Credits: 3.00

Instruction on selected themes taken from the historical and literary legacy of the Spanish people. The literary topics include reading on: Spanish Heroism, Medieval Spanish beliefs, Spanish Imperialism, Spanish-Indian Relations, Great Spanish explorers, etc. The selected themes will determine the readings that are selected for in depth discussion and study.

Pre-requisites: SPAN 204 Minimum Grade: C

SPAN 341 - Topics in Latin Am Literature

Credits: 3.00

Instruction on selected themes taken from the historical and literary legacy of the Latin American people. The literary topics include reading on: the Spanish conquest, the Indian, independence, social protest, women, religious faith, etc. The selected themes will determine the readings that are selected for in depth discussion and study.

Pre-requisites: SPAN 204 Minimum Grade: C

SPAN 379 - Special Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

SPAN 392 - Workshop

Credits: 1.00 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

SPAN 395 - Spanish Phonetics--Lang Hist

Credits: 3.00

Acquaints the student with the practical application of the sound system, rhythm, juncture, pitch, stress, intonation, pronunciation, and enunciation of the English and Spanish languages. History and development of the Spanish language from its inception to modern times.

Pre-requisites: SPAN 204 Minimum Grade: C

SPAN 396 - Methods Teaching Foreign Lang

Credits: 3.00

A study of effective teaching methods used in presenting grammar, composition, and literature to present day public school students. Admission to the Professional Program in Teacher Education, and completion of at least 26 credit hours in Spanish required.

Pre-requisites: Teacher Ed Professional Prog 1

SPAN 399 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

SPAN 400 - Masterpieces of Spanish Lit

Credits: 3.00

This is a senior level course that provides an in-depth study of selected complete works of Spanish literary masterpieces. Five complete literary masterpiece works by Spanish writers will be selected for an in-depth study.

Pre-requisites: SPAN 204 Minimum Grade: C

SPAN 401 - Masterpieces of Latin Am Lit

Credits: 3.00

This is a senior level course that provides an in-depth study of selected complete works of Latin American literary masterpieces. Five complete literary masterpiece works by Latin American writers will be selected for an in-depth study.

Pre-requisites: SPAN 204 Minimum Grade: C

SPAN 411 - Contemporary Spanish Lit

Credits: 3.00

This is a senior level course that provides an in-depth study of selected complete works of contemporary Spanish literary works. Five com-

plete literary works by Spanish writers will be selected for an in-depth study.

Pre-requisites: SPAN 204 Minimum Grade: C

SPAN 412 - Contemp Latin American Lit

Credits: 3.00

This is a senior level course that provides an in-depth study of selected complete works of contemporary Latin American literary works. Five complete literary works by contemporary Latin American writers will be selected for an in-depth study.

Pre-requisites: SPAN 204 Minimum Grade: C

SPAN 413 - La Literatura Indigenista

Credits: 3.00

Study of the major themes and characteristics surrounding the social condition and plight of the Indian as portrayed in the major Latin American Indigenous Novels.

Pre-requisites: SPAN 204 Minimum Grade: C

SPAN 414 - Spanish American Thought

Credits: 3.00

Study of the major themes, ideas, and perspectives of major Latin American writers. The selected readings include interpretive essays, literary narratives, and philosophical works by such writers as: Sarmiento, Andres Bello, Juan Montalvo, Jose Marti, Octavio Paz, Jose Vasconcelos, Leopoldo Zea, and others.

Pre-requisites: SPAN 204 Minimum Grade: C

SPAN 415 - Cervantes/El Quijote

Credits: 3.00

A study of the life and important works of Cervantes with special emphasis on the Quijote.

Pre-requisites: SPAN 204 Minimum Grade: C

SPAN 416 - La Novela/Revolucion Mexicana

Credits: 3.00

Analysis of the most important novelists of the Mexican Revolution and their impact upon the present day political, social, and economic structure of Mexico.

Pre-requisites: SPAN 204 Minimum Grade: C

SPAN 419 - Golden Age Drama

Credits: 3.00

A study of the themes, forms and development

of Spanish National Theatre of the 16th and 17th Centuries.

Pre-requisites: SPAN 204 Minimum Grade: C

SPAN 423 - Modern Hispanic Short Story

Credits: 3.00

Pre-requisites: SPAN 204 Minimum Grade: C

SPAN 425 - Hispanic Poetry

Credits: 3.00

A course designed to analyze the techniques, styles, etc. of selected Hispanic poetic collections. Instructor permission may be sought in lieu of prerequisites.

Pre-requisites: SPAN 204 Minimum Grade: C and SPAN 326 Minimum Grade: C or SPAN 351 Minimum Grade: C

SPAN 479 - Special Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

SPAN 492 - Workshop

Credits: 1.00 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

SPAN 499 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

Speech Theatre

SPT 100 - Speech Fundamentals

Credits: 3.00

A course designed to develop proficiency in oral communication: interpersonal, group, and public discourse.

SPT 179 - Special Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

SPT 180 - Introduction to Theatre

Credits: 3.00

Examines the simultaneous evolution of several facets of theatre, including acting, playwrighting,

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the physical stage, performance conditions, and dramatic literature. The emphasis is on demonstrating the collaborative, eclectic nature of theatre, and on providing students with a sophisticated understanding of how live performances have evolved to meet the demands of each society through the ages.

SPT 192 - Workshop

Credits: 1.00 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

SPT 199 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Head.

SPT 210 - Makeup for the Theatre

Credits: 3.00

Fundamental elements of design and application of theatre makeup.

SPT 213 - Oral Interpretation of Lit

Credits: 3.00

Helps develop effectiveness in personal expression and abilities in the oral interpretation of fiction, nonfiction, and poetry.

SPT 223 - Acting

Credits: 3.00

An introduction to the art of acting. The focus will be placed on developing technical skills necessary to perform comfortably on a stage. There will be activity sessions and discussions on acting techniques and improvisation. The final grade will not be based upon talent.

SPT 224 - Acting II

Credits: 3.00

SPT 242 - Voice for Performance

Credits: 3.00

Study of the physical nature of voice production and the sound and mechanisms of speech, including study of the International Phonetic Alphabet. Individual analysis.

SPT 250 - Cinema

Credits: 3.00

An introduction to the motion picture industry. Course will cover such topics as the history of cinema, directing for the camera, film editing techniques, film genres, acting styles, screen writing, and the motion picture industry's responses to cultural issues.

SPT 255 - Women and Drama

Credits: 3.00

A survey of the history and literature associated with women in theatre. The course will include the history of actual women involved in the evolution of western and eastern theatre traditions as well as drama scripts which deal with the subject of women's issues. The course will cover Greek through Contemporary Drama.

Pre-requisites: ENG 210 Minimum Grade: D

SPT 279 - Special Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

SPT 285 - Stage and Theatre Management

Credits: 3.00

A study of the principles and responsibilities of the stage/theatre manager, including theatre organization, rehearsal and production duties, box office and house management, public relations and publicity.

SPT 288 - Intermediate Acting I

Credits: 3.00

This course focuses on the physical aspects of acting. While previous acting courses introduced techniques dealing with creating a character, script analysis, and scene work, this course explores alternative movement-based approaches to acting. Instructor permission may be obtained to register for this course.

Pre-requisites: SPT 223 Minimum Grade: C

SPT 292 - Workshop

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

SPT 299 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Head.

SPT 310 - Intermediate Acting II

Credits: 3.00

Advanced study of the techniques of acting. Emphasis will be placed on character and script analysis using the Stanislavski system of acting. Additionally, other significant theories of acting will be introduced. Instructor permission may be obtained to register for this course.

Pre-requisites: SPT 223 Minimum Grade: C and SPT 288 Minimum Grade: C

SPT 325 - Styles of Acting

Credits: 3.00

Character analysis and development involved in performing tragedy, serious drama, farce, and high comedy. Instructor permission may be obtained to register for this course.

Pre-requisites: SPT 223 Minimum Grade: C

SPT 330 - Directing Forensics/Debate

Credits: 3.00

Methods in coaching and directing Forensics and Debate activities in secondary schools.

SPT 333 - Theatre Design

Credits: 3.00

Principles and aesthetics of generating practical, working designs of settings and lighting for the three traditional stage configurations. SPT 351 is a prerequisite that can be taken concurrently.

Pre-requisites: SPT 351 Minimum Grade: C

SPT 335 - Theatre Practicum

Credits: 1.00 to 3.00

Participation in college theatre productions under the supervision of the Theatre faculty. Credit may be earned for: lighting, set construction, house management, costuming, publicity, etc. May be repeated for credit. Instructor permission is required for registration into this course.

SPT 340 - Costuming

Credits: 3.00

Fundamental elements of design and study of critical historical periods of costume from Greek through Victorian eras.

SPT 351 - Stagecraft

Credits: 3.00

A hands-on approach to the fundamentals of technical theatre. Students will have the opportunity to learn mechanical drawing, stage carpentry, set construction, stage lighting, scenery painting and the use of a variety of fasteners, hand tools, and power tools.

SPT 375 - Creative Dramatics

Credits: 3.00

Designed for those who will work with groups of children and adolescents, this course will teach the student to utilize the foundations of drama and dramatic technique in order to teach literary and non-literary lessons.

SPT 379 - Special Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

SPT 385 - Play Direction

Credits: 3.00

A comprehensive study of the numerous functions of the stage director, from pre-season play selection to post-production evaluation. The focus will be placed upon script analysis, the range of choices open to the director, and the process of adapting directional and technical resources to various performance levels and theatrical spaces.

Pre-requisites: SPT 223 Minimum Grade: C and SPT 288 Minimum Grade: C

SPT 392 - Workshop

Credits: .50 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

SPT 399 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Chair.

SPT 401 - Theatre Hist:Begin thru 17th C

Credits: 3.00

A study of the developments in the history of theatre from the theories of its origins to its

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practices in 17th Century Europe. A secondary focus of the course will be the study of selected dramas representative of these periods.

SPT 402 - Theat Hist:18th Cent-Pres Day

Credits: 3.00

A study of the developments in the history of theatre from its practices in the 18th Century to the present day. A secondary focus of the course will be the study of selected dramas representative of these periods and of dramatic practices in non-European countries or America.

SPT 403 - Shakespeare

Credits: 3.00

An advanced study of the plays of William Shakespeare. Emphasis will be placed upon analysis and interpretation of the dramatic structure, the dramatic action, and the language of representative comedies, histories, and tragedies.

SPT 465 - Modern Drama

Credits: 3.00

Study of the diverse trends in playwriting and theatrical performances over the past 100 years, as viewed through the works of the major playwrights of Europe and the United States. The focus of the course will be placed equally upon script analysis and dramaturgy.

Pre-requisites: ENG 210 Minimum Grade: D

SPT 470 - Classical Drama

Credits: 3.00

A chronological study of the major periods of dramatic literature, from the emergence of Greek Tragedy in the 5th century B.C. to the development of European Realism in the late 19th century. The focus of the course will be placed equally upon script analysis and dramaturgy.

Pre-requisites: ENG 210 Minimum Grade: D

SPT 472 - Contemporary Drama

Credits: 3.00

This course will require students to analyze and discuss contemporary dramas of two types: those which do not necessarily fit the typical genres, structures, and styles of modernist drama (i.e., commercial drama, television

drama, commercial film script), and those which focus on the concerns of marginalized groups in America (i.e., gay and lesbian, African-American, Asian-American, Native Americans, Latino, etc.)

SPT 479 - Special Topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

SPT 480 - Dramatic Theory and Criticism

Credits: 3.00

An advanced examination of selected critical writings of major theorists in Theatre.

SPT 490 - Senior Thesis

Credits: 3.00

An advanced examination of a single facet of Theatre. The precise nature of the project will be designed in consultation with the student's advisor. Theses may include a significant research and writing project or a creative performing arts project, such as the direction or technical direction of a play.

SPT 492 - Workshop

Credits: .50 to 6.00

Short courses offered on an intermittent basis to meet the needs of special constituents.

SPT 499 - Individual Studies

Credits: 1.00 to 6.00

Provides opportunity for individual research/study into problems of special interest in the field. By faculty permission and approval of the Department Head.

Women's Studies

WS 179 - Special Topics

Credits: 1.00 to 3.00

Offered periodically to meet student special interests in the field.

WS 201 - Women's Studies

Credits: 3.00

An interdisciplinary analysis of women's position in society as presented through the disciplines of history, sociology, anthropology, theology, psychology, literature, and the fine arts. The course will examine theoretical approaches

to the differential access to power between men and women and the existence of patriarchy in Western culture.

WS 279 - Special topics

Credits: 1.00 to 6.00

Offered periodically to meet student special interests in the field.

WS 379 - Special Topics

Credits: 1.00 to 3.00

Offered periodically to meet student special interests in the field.

Administration

Traci Bishop (2002), Program Manager, Extended Studies. B.S. William Woods University, 1999.

Julia Chavez (2002), Student Advisor/Records Manager, Extended Studies.

Sharon Chavez (1996), Financial Aid Counselor, B.A. Adams State College, 1987.

Beverly Cordova (2001), Academic Skills Coordinator, Upward Bound. B.A. Adams State College, 1996.

Lynn Crowder (2003), Teacher Education Professional Program Manager,

Robbie Curto (2001), Advisor, Talent Search. B.A. Adams State College, 2000.

Chris Day (1999), Sports Information Director. B.A. Mesa State College, 1999.

Linda Pacheco-Demski (2002), READ-ELA Grant Support Coordinator. B.S. LeTourneau University, 1995.

Rosa Diaz (1996), Associate Director of Admissions. B.S. Adams State College, 1995.

Bruce Deltondo (1999), Assistant Director, Housing & Residence Life. B.A. Adams State College, 1994.

Troy Farrar (2003), Director, Faculty Drive, Housing and Residence Life. B.A. Graceland University, 2003.

Vivian Frausto (1985), Senior Woman Administrator, Eligibility Coordinator. B.A. Kearney State College, 1973; M.A.E. Kearney State College, 1978.

Angelica Gallegos (2000), Counselor Coordinator, Upward Bound. B.A. Adams State College, 1998.

D. Mike Garcia (1976), Director of Upward Bound. B.A. Adams State College, 1974; M.A. Adams State College, 1975.

Lisa Garvin (2004), ALCANCE Grant Support Coordinator,

Glenda M. Geu (1993), Systems and Automation Librarian. B.S. Colorado State University, 1983; M.S. University of Illinois at Urbana-Champaign, 1989.

Kaycee Gilmore Holman (1998), Tutor Coordinator, Academic Advisement Center. B.A. Adams State College, 1997.

David Goetzman (1994), Circulation and Cataloging Librarian. B.A. Western State College, 1980; M.A. Western State College, 1981; M.L.S. Emporia State University, 1992.

George Goodridge (2002), Head Athletic Trainer, B.S. Bowling Green University, 1981, M.A. Northern Arizona University, 1983.

Georgia Grantham (1999), Assistant Provost for Extended Campus, B.A. Western State College, 1972; M.A. University of Northern Colorado, 1976; Ph.D. Colorado State University, 1991.

Kimberly Hackford-Peer (2002), Director, Faculty Drive, Housing and Residence Life. M.A. University of Massachusetts, 2001.

Karla Hardesty (2002), Program Manager, Extended Studies. B.S. Colorado State University, 1998.

Heather Heersink (2002), Budget Director/Analyst. B.S. Adams State College, 2000.

Joe Healey (1998), Associate Director of Admissions. B.A. University of Connecticut, 1992; M.A. University of Colorado at Denver.

Martin Heaton (2000), Assistant Football Coach, Adjunct Instructor EPLS, B.A. Adams State College, 1982; M.A. University of Denver, 1992.

Pamela Hitt (2002), Teacher Education Professional Program Coordinator. B.A. University of Northern Colorado, 1974.

Mary Hoffman (), Director, Small Business Development Center.

Patricia Jiron (2002), Purchasing Director. B.A. Adams State College, 1986.

Gary Jones (1987), Director of the College Center. B.A. University of Northern Colorado, 1970; M.S. Kearney State College, 1976.

Dianne C. Koshak (1996), Reference - Government Documents Librarian. B.A. University of Denver, 1982; B.A. University of Denver, 1984; M.A. University of Denver, 1983; M.A. University of Colorado-Denver, 1990.

Corbin Lambeth (2003), Director, Girault Hall, Housing and Residence Life. B.S. Southwest Missouri State University, 2000.

Lori Laske (1997), Director of Alumni Relations. B.S. Adams State College, 1991; M.A. Adams State College, 2001.

Kristina Lenker (2002), Academic Counselor, Student Support Services.

Stephanie Lewis (2000), Guest Services Coordinator.

Dennis Lopez (2003), Title V Outreach Director. B.A. Adams State College, 1974. M.A. Adams State College, 1978.

Margaret Lopez (2002), PARTNERS Grant Support Coordinator. A.A. Colorado Mountain College, 1990. B.A. Adams State College, 2003.

Tammy Lopez (1992), Director of Development. B.S. Adams State College, 1991; B.S. Adams State College, 2000.

Wayne McGinn (2000) Head Football Coach. M.A. Adams State College, 1989.

Dianne Machado (1983), Director of the Library. B.A. Adams State College, 1981; M.L.S. Emporia State University, 1992.

M. Belén Maestas (2000), Registrar. B.A. Adams State College, 2002.

Greg Mahaney (2002), Controller Sponsored Programs/Assistant Controller. B.S. Adams State College, 1999.

Bill Mansheim (2003), Vice President for Finance and Administration. B.S. University of Colorado, 1985.

Ken Marquez (2000), Director of Housing, Housing & Residence Life. B.A. Adams State College, 1987; M.A. Adams State College, 1994.

Damon Martin (1991), Head Men's & Women's CC/Track & Field Coach, B.S. University of Arkansas, 1985; M.A. Adams State College, 1987.

Andres Martinez (2002), Advisor, Talent Search. B.A. Adams State College, 2000.

Beatrice Martinez (1976), Assistant Business Manager. B.A. Adams State College, 1976.

Liz Martinez (2001) Assistant Director of Extended Studies. A.S. Adams State College, 1999.

Grace McGahan (2003), Academic Counselor, Student Support services. B.A. Adams State College, 1995; M.A. Adams State College, 2000.

Shelle McLean (2001), Director, Counseling and Career Center. B.A. University of Northern Colorado, 1977; M.A. University of Northern Colorado, 1978; M.A. Adams State College, 1999.

Darrell Meis (1986), Director of the Bookstore. B.S. Adams State College, 1981.

Phyllis Mondragon (2002). Director of Academic Advisement. B.S. Adams State College, 1996; M.A. Adams State College, 2002.

Melissa Morrison (2003), Counselor, Admissions Office.

Jody Mortensen (1991), Assistant to the Vice President for Finance and Administration. B.S. Adams State College, 1991.

Larry Mortensen (1997), Men's Basketball Head Coach. B.A. Adams State College, 1988; M.A. Adams State College, 1993.

Katherine Moskowitz (2002), Head Volleyball Coach. B.S. Black Hills State University, 1998.

Deborah Nelson (1999), Director of Student Life & Recreation. B.A. University of Wisconsin-Madison, 1985; M.E. University of Arkansas-Fayetteville, 1999.

Frank Novotny (2004), Assistant Provost for Academic Affairs. B.S. Norbert College, 1989; Ph.D. South Dakota State University, 1993.

Kat Olance (2004), Assistant to the President for Governing Board Relations.

Tamera Pacheco (2000), Advisor, Talent Search. B.A. Adams State College, 1992.

Judy Phillips (1998), Director of Extended Studies. B.S. Adams State College, 1986.

Mark Pittman (2002), Director, McCurry Complex, Housing and Residence Life. B.S. Aquinas College, 2001.

Jason Ramstetter (1999), Head Wrestling Coach, B.A. California State University, 1997.

Linda Relyea (1998), Communications Manager. B.A. Adams State College, 1996.

Patrick Rheume (2001), Director of Talent Search. B.A. University of Wisconsin-La Crosse, 1979; M.S. Fort Hays State University, 1979.

Dale Roden (2001), Head Women's Soccer Coach. B.A. Tarkio College, 1991; M.A. University of South Dakota, 2000.

Walter Roybal (1999), Interim Director, Admissions Office. B.S. Adams State College, 1994.

Sophia Roberta Ruybal (1998), Advisor, Talent Search. B.A. Adams State College, 1998.

Tracy Rogers (2002), Human Resources Director. B.A. Adams State College, 1995; Juris Doctorate University of Denver, 1999.

Frank Sanchez (1999), Assistant Provost for Student Affairs and Enrollment Management, B.A. University of Nebraska-Lincoln, 1991; M.S. Colorado State University, 1993; Ph.D. Indiana University, 2003.

Lori Sanchez (2001), Title V Grant Budget Support Coordinator/Alcance Grant Budget Support Coordinator. B.S. Colorado State University, 1994.

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