ColoradoMountainCollege catalog

2006-07

www.coloradomtn.edu

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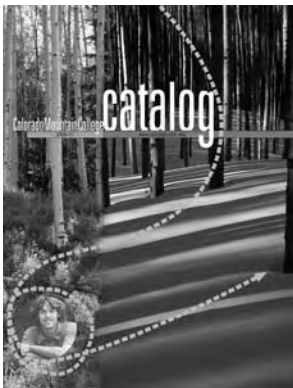
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Colorado Mountain College

06-07 Catalog

■ Current catalog information is available online @ http://catalog.coloradomtn.edu/

■ Class schedules are available online @ www.coloradomtn.edu/classes/

Digital montage created for cover by 2006 Professional Photography graduate Shelby Lee.

This catalog is certified as true and correct in content and policy as of its publishing in June 2006. Realizing that flexibility in education can be beneficial, Colorado Mountain College reserves the right to alter tuition, fees, calendar dates, curricula and other information contained in this catalog as deemed necessary by the Board of Trustees, administration or state agencies. The most current catalog information will be posted on our website at: http://catalog.coloradomtn.edu

CMC Locations

Alpine Campus
STEAMBOAT SPRINGS
1330 Bob Adams Dr.
Steamboat Springs, CO 80487
(970) 870-4444

Aspen Campus
0255 Sage Way
Aspen, CO 81611
(970) 925-7740

Rifle Campus
703 Railroad Avenue
Rifle, CO 81650
(970) 625-1871

Roaring Fork Campus Carbondale
Lappala Center
690 Colorado Avenue
Carbondale, CO 81623
(970) 963-2172

Roaring Fork Campus
Glenwood Springs Center
1402 Blake Avenue
Glenwood Springs, CO 81601
(970) 945-7486

Roaring Fork Campus
3000 County Road 114
Glenwood Springs, CO 81601
(970) 945-7481

Summit Campus
Breckenridge Center
103 So. Harris St.
PO Box 2208
Breckenridge, CO 80424
(970) 453-6757

Summit Campus
Dillon Center
333 Fiedler Ave.
P.O. Box 1414
Dillon, CO 80435
(970) 468-5989

Timberline Campus
LEADVILLE
901 South Hwy. 24
Leadville, CO 80461
(719) 486-2015

Timberline Campus
Chaffee County Center
2900 County Road 319
PO Box 897
Buena Vista, CO 81211
(719) 395-8419

Vail-Eagle Valley Campus
150 Miller Ranch Road
Edwards CO 81632
(970)-569-2900

Central Admissions & Administration
831 Grand Ave.
Glenwood Springs, CO 81601
970-945-8691
800-621-8559 (toll-free)
JoinUs@coloradomtn.edu

06-07 Academic Calendar

Fall 2006
Registration Begins
August 1, 2006

Classes Begin
August 28, 2006

Labor Day
September 4, 2006
(No classes)

Thanksgiving
November 22-24, 2006

Classes End
December 15, 2006

Graduation
December 16, 2006

Fall Grades Due
December 20, 2006

Spring 2007
Registration Begins
December 4, 2006

Classes Begin
January15, 2007

Spring Break
varies by campus

Classes End
May 4, 2007

Graduation
May 5, 2007

Spring Grades Due
May 9, 2007

Letter from the President

Welcome to Colorado Mountain College!

This catalog will give you an overview of our college. Here you can learn who we are and how we operate, as well as the courses, programs, and learning options we offer to help you reach your educational goals.
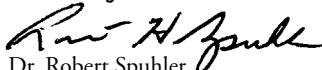
At Colorado Mountain College, your learning is our highest priority. We are committed to providing support for your learning not only in the classroom, but also through a variety of student services, such as counseling and financial aid, all designed to enhance your educational experience.

Whether you are retraining for new job opportunities, taking classes to transfer to a four-year college, obtaining additional skills for your current job, or simply learning something new, Colorado Mountain College offers a variety of affordable opportunities.

You may be interested in one of our many certificate and degree programs. Or you might want to take a general education course, a non-credit class, workforce training, or an English as a second language offering. For your convenience, we provide our classes during the day, night, and weekends -- and even online.

Come and join us at Colorado Mountain College. Let us help you to reach your goals.

Sincerely,

Dr. Robert Spuhler
President, Colorado Mountain College

CMC: Success
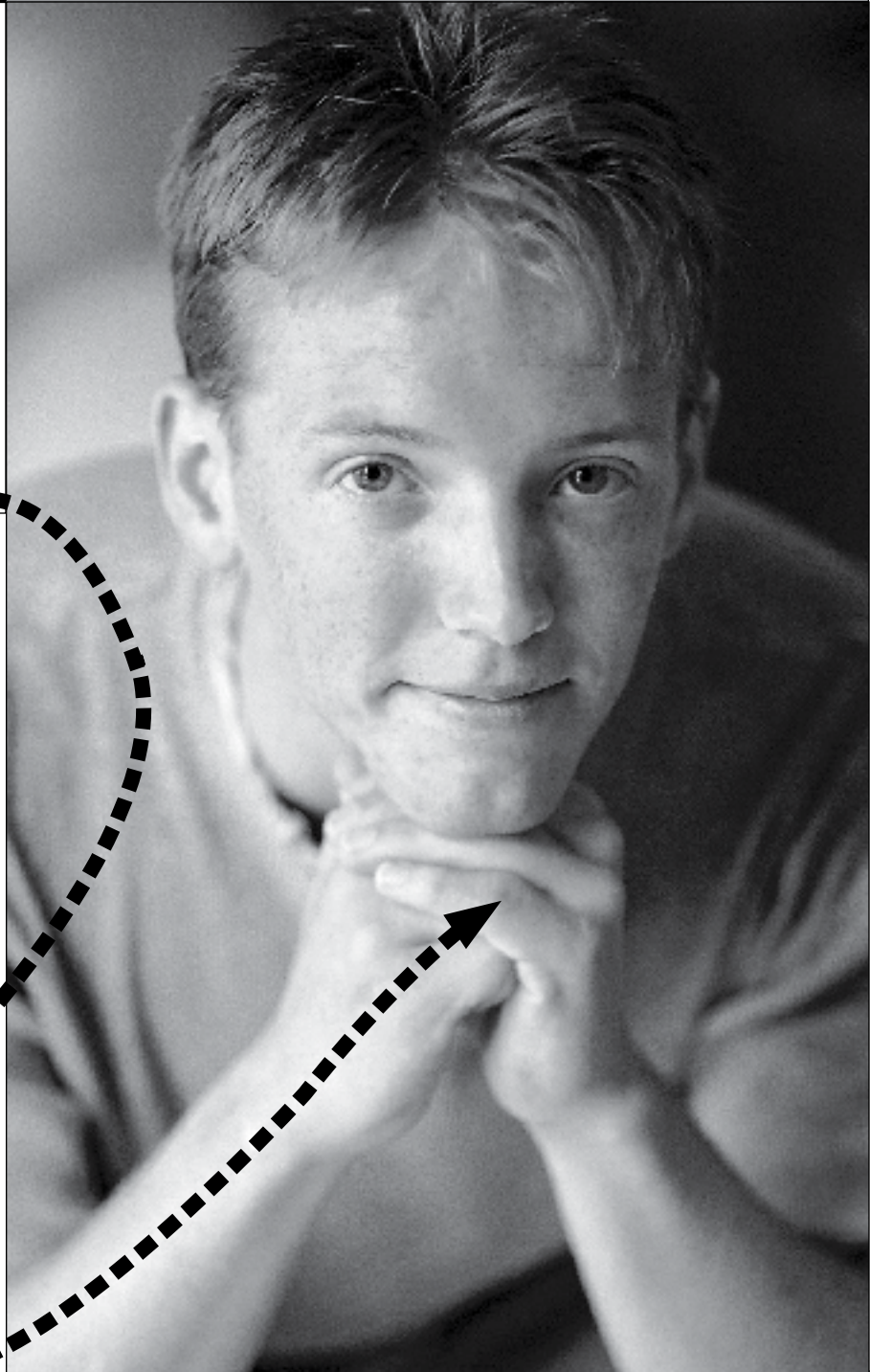
IAN DERRINGTON was salutatorian of his class. While still in high school, he took enough classes from Colorado Mountain College that he was able to transfer to the University of Colorado as a sophomore. He double-majored at CU in applied math and engineering physics, graduating summa cum laude in physics. Now he is pursuing his Ph.D. on a teaching fellowship at the University of Washington.

Learning here is personal. Classes are small. Faculty are friendly. Our graduates say that Colorado Mountain College has provided a solid foundation for the challenges they have faced.

Whether you need help registering for classes or planning for your future, you'll find CMC teachers and staff who will take time with you. They know that if you are happy with your college and comfortable in your environment, you'll have a better chance to succeed. We want to give you more than a diploma or certificate. We want to foster an environment that helps you succeed in all areas of your life.

You can also grow by exploring lifestyles that are personally satisfying and socially responsible at one of our three residential campuses. See the Residential Life chapter of this catalog for details.

Access to learning is top priority at Colorado Mountain College.

College Goals

Colorado Mountain College exists for the achievement of educational and professional goals. The results we wish to achieve in reaching these goals are:

Individuals Achieve Their Personal Learning Goals, as measured by:

Graduation rate of 24% by June, 2005; and moving to the 75% quartile by June, 2007;

Student satisfaction rate as measured by IDEA of 86%/CCSSE of 84% by June, 2005; with an ultimate goal of 95% by June, 2007;

Retention rate of 55% by June, 2005; and moving to the 75% quartile by June, 2007;

Participation rate was at 13.3% by June, 2005; and moving to the top 10% of other similar, rural community colleges by June, 2007;

Ethnic minority student enrollments increasing as follows:
Full-time enrollments at 10.4% by June, 2005; and accurately reflecting the percentage of ethnic minorities in CMC's district by June, 2007, and; Part-time enrollments at 11% by June, 2005; and accurately reflecting the percentage of ethnic minorities in CMC's district by June, 2007.

Students (or individuals) have access to education that is affordable, as measured by:

Total cost per full-time equivalent (FTE) student does not exceed 3% of the District median income for commuter students, and 13% of the District median income for residential students.

And is efficiently delivered, as measured by:

Total cost divided by student FTE, has not increased more than 2% per year for the past three years.

Community workforce needs are met, as measured by:

The number of contracts CMC has with employers and the number of employees served by those courses outlined in the contracts. The number of employees trained increased from 335 in the 2002-03 school year, to over 700 employees in the first four months of 2006. A survey was developed and administered to current CMC district employers presently served by the College and CMC district employers not served by CMC in 2005.

CMC: Your Success

CMC is recognized by our communities as a comprehensive Community College and key provider of quality post-secondary education, as measured by:

Community surveys to establish a baseline and a subsequent goal, with one campus community surveyed each semester.

Taxpayers and students will benefit from a fiscally sound, united local district college, as measured by:

Monitoring legislative issues that affect CMC, and by maintaining a revenue balance at 20%.

Accreditation

Colorado Mountain College is accredited by the Higher Learning Commission and a member of the North Central Association. Colorado Mountain College is an AQIP participant.

Approved for:
- Associate of Arts Degree
- Associate of Science Degree
- Associate of General Studies Degree
- Associate of Applied Science Degrees
- Nursing Degrees
- Occupational Proficiency Certificates
- Veterans' Training
- Foreign Students (Alpine, Timberline and Roaring Fork Campuses)

Approved by:
- Colorado Commission on Higher Education
- Community Colleges of Colorado
- Colorado State Board of Nursing
- Colorado Community College System (CCCS)

Mission, Vision, and Values

The Colorado Mountain College Mission is "Learning for Life."

Colorado Mountain College (CMC) is a "learning institution." Learning encompasses all phases of our activities. Learning is not only our business, but also it describes the way that we conduct our business.

CMC embraces, facilitates and requires learning from the entire organization; this includes but is not limited to students,

Good friends on a bright autumn day.

faculty, staff, board members, volunteers, contractors and suppliers. It is our vision that CMC can effectively extend its learning concepts and principles to its communities.

CMC reflects diverse perspectives and cultures. We ensure access to CMC by identifying and removing barriers and limitations. We encourage everyone in our organization to engage in a process of mutual enrichment by creating an atmosphere of inclusion, where everyone teaches and everyone learns. Our students, their families and our communities share in the responsibility for learning, and we help them all to develop the skills to succeed. They help us learn and improve as we help them learn and improve; as they succeed, we succeed.

We are deeply involved in our communities; the educational and training needs of our communities define our goals. We involve all students, faculty and staff in a variety of ways. We join with other educational institutions, businesses, and government agencies to develop workforce training and learning opportunities that meet their needs and build our capacity to serve.

Our technological infrastructure creates learning environments and access to information anywhere and anytime.

CMC is fiscally sound with ample reserves. It has a bright future and is seen as a national leader among community colleges.

College Values

Our values are embodied in the phrase "T2R2". Our core values of Truth, Trust, Respect and Responsiveness create an environment embedded in the fabric of our organization that supports and encourages the following:

- Creative thinking
- Honest debate
- Experimentation
- Innovation
- Direct participation in decision-making processes
- Active involvement in personal and professional development programs

Begin Your Four-Year Degree

Our academic programs (the AA and AS degrees) are designed for transfer to four-year colleges and universities. This is the course work traditionally taught during freshman and sophomore years at four year schools.

Colorado Mountain College is a member of the statewide Guaranteed General Education Project, which guarantees transfer of credits to Colorado's public colleges and universities. Schools in Colorado have also adopted a common core of 24 business credits that are accepted in transfer by all state institution business schools.

Colorado public four-year higher education institutions will honor the full transfer of an Associate of Arts (AA) degree earned at Colorado Mountain College. When you earn an Associate of Arts degree at Colorado Mountain College, completing the State Guaranteed General Education Courses with a grade of "C-" or better in each course applied to the degree, you will transfer with junior standing into any arts and science degree program offered by a Colorado public four-year college. Engineering, teaching, nursing, and business programs have separate agreements.

You should be able to complete your Associate of Arts degree program in no more than 60 credit hours and your baccalaureate (four-year) degree in no more than a total of 120 credit hours, unless there are additional degree requirements recognized by the Colorado Commission on Higher Education. This means that if you complete your Associate of Arts degree at Colorado Mountain College,

you can complete your four-year degree with the same number of credits as students who began at the receiving institution. If you have received credit for prior learning, advanced placement, or correspondence courses, this will be reviewed by the receiving institution.

The Associate of General Studies Degree combines career training with academic transfer courses. You can earn degrees in Criminal Justice, Bilingual Elementary Education, Elementary Education or Outdoor Recreation Leadership, then transfer these credits to complete four-year degrees in those areas. Other agreements allow you to transfer several occupational degrees.

The quality of a CMC education is recognized throughout Colorado and across the country. Our students have transferred to CU, CSU, Stanford, the University of Denver, Colorado College, Wellesley, Vanderbilt, Middlebury, Ft. Lewis, Mesa State and others. We want to help you succeed while you're here and expand your possibilities after you leave Colorado Mountain College.

Start Your Career

Several Colorado Mountain College certificate and degree programs have become the reference standard for the entire country. While earning a degree or certificate, students can learn specialized skills demanded by today's job market. Many of our occupational certificates and degrees were developed to take advantage of our mountain environment.

For example, students in the Ski & Snowboard Business and Resort Management programs work at some of the world's finest resorts. Ski Area Operations students gain valuable experience through internships at Colorado's world-class ski areas. Students in Veterinary Technology treat farm animals on a 200-acre farm near campus. Water in the Arkansas River is monitored for purity by Natural Resource Management students. Students in our Culinary Arts program perform apprenticeships in five star ski resort kitchens.

Through work experience, our students gain on-the-job skills that employers value. To stay current with the latest trends, we ask industry leaders to assist in developing and reviewing these programs.

Nationally-recognized career training programs.

The two-year Associate of Applied Science degree programs include skills training and general education course work that increases your employability. The programs leading to a Certificate of Occupational Proficiency take one year or less to complete and usually provide only skills training.

See the Occupational Certificates and Degrees section of this document for more information.

Community Outreach and Partnerships

Colorado Mountain College reaches beyond its campuses to build partnerships with many K-12 school districts and other organizations in our region.

For learners requiring additional assistance, we offer GED courses and English literacy programs.

Working with four-year institutions, Colorado Mountain College delivers teacher certification programs using a combination of microwave technologies and our interactive video network. Through a transfer agreement, students can complete a four-year elementary teaching degree.

Single parents in Garfield County are eligible to enroll in the WO/MEN in Transition program. This program provides a wide range of services designed to foster success in earning a certificate or degree.

Campus-based noncredit continuing education programs provide training for business and industry and lifelong learning opportunities for district residents.

The college-sponsored Executive Service Corps (ESC) provides workshops and customized training for nonprofit organizations to help them operate more productively.

Senior citizens benefit from tuition grants and programs tailored to their needs.

Many advanced high school students take Colorado Mountain College courses, allowing them to combine their first two years of college with the last two years of high school.

Students in our occupational certificate and degree programs reach into their communities with service projects.

The College, with many civic organizations and businesses, sponsors the First Ascent Leadership program. This program helps young people learn vital leadership skills, building self-esteem through outdoor activities.

Our Center for Business and Industry Training provides assistance, consulting, and customized training to local and relocating businesses. Through this center, we develop and implement customized on-site training for employees and management. The Small Business Development Center (SBDC) can also help small business owners design successful strategies.

Colorado Mountain College is a founding partner of Rural TeleCon, an international conference providing online resources to rural communities.

We will continue to establish community partnerships that provide access to success and accomplish our mission of "Learning for Life."

Contact Us

Current information, services and contact information is available on the Colorado Mountain College website: www.coloradomtn.edu.

This site is constantly being updated with registration and admissions information, press releases, special classes and seminars, artistic events, and the latest college publications, including this catalog and class schedules for each campus.

We offer online registration and payment processing via the website. Registration information and class listings and times are available in our class schedules. You must complete and return a paper application before you can register online.

Experiential and International Learning

We believe that learning changes more than your mind, and a good education goes beyond the classroom. At Colorado Mountain College you can challenge yourself on wilderness trips through the Rockies or the Desert Southwest.

Outdoor Education courses such as rock climbing help you develop mental discipline and physical conditioning beyond the traditional classroom. Through these experiences, you can develop confidence and a sense of physical well-being that will enhance all aspects of your life, not only at college but beyond. Several programs allow you to combine your outdoor interests with your career.

In addition to local outdoor experiences, many of our programs offer international study abroad and exchange studnet opportunities.

Then there are your classmates. Colorado Mountain College students have come from 46 U.S. states and 24 different countries. The cosmopolitan nature of many of our locations allows you a diversity of international

perspectives and an experience more typical of big city schools, without the big city hassles.

Faculty & Staff

There's a spirit among the people at Colorado Mountain College. From the receptionist to the campus dean, people here want you to succeed not only while you're here, but in the years ahead.

We pride ourselves on our people. Many of our faculty have taught at other colleges and universities. Several have built national and international reputations in their field.

These passionate professionals have chosen Colorado Mountain College for the same reasons our students have - the blend of invigorating environment and stimulating learning. Most of all, they are concerned that you get the most from your education. CMC teachers are not required to do research, so are able to instead focus on the classroom and on your learning.

See the Faculty and Staff Directory for a detailed list of full-time faculty and staff.

Location, Location: Where We Are

The Colorado Mountain College service area covers all or part of nine counties in north-central Colorado. Our 12,000 square mile service area includes homestead ranches, wilderness, Victorian boomtowns, mining, and the cultural atmosphere that has grown alongside international resorts.

Colorado Mountain College includes seven campuses in western Colorado. Some of these campuses include only one site, while other campuses encompass several locations. The Summit Campus, for example, includes sites in both Breckenridge and Dillon. In all, we offer classes at 11 sites in communities throughout our District and Service Area.

Colorado Mountain College also offers several courses transmitted across the district via live interactive video. This system allows students at one location to see, hear and speak with their teacher and classmates at several other Colorado Mountain College sites.

The Colorado Mountain College Interactive Video Network includes Aspen, Breckenridge, Central Services in Glenwood Springs, Edwards, Spring Valley, Leadville, Rifle, Steamboat Springs and Vail.

Additional distance learning opportunities are provided through internet web courses or courses that combine various learning technologies.

District Map

The map on page 10 details our 12,000 square mile service area.

Community Campuses

"Community Campuses" offer courses that are scheduled primarily for the convenience of the local working person. These campuses offer many degrees and certificates, though they do not provide residential facilities or traditional campus life opportunities. Community Campuses are linked to additional resources via the internet and interactive video.

Community campuses offer a variety of educational opportunities, often scheduled for the convenience of the working person. Students at these campuses can complete the first two years of their bachelor's degree through the Associate of Arts program, then transfer to a four-year college or university. Others may choose occupational certificates and degrees which lead to more immediate employment. Students can also benefit from job-skills upgrading, fitness classes, and opportunities to explore the arts.

The programs and facilities at community campuses not only enrich the lives of students, but are a resource for the entire community.

Aspen Campus

Named for generous local donors, the 34,000 square-foot Morgridge Family Academic Center greatly expands the opportunities for Aspen students. The Morgridge Family Academic Center is adjacent to the North Forty development across the highway from Aspen Airport.

Walled by windows, the light and airy hallways of this new facility inspire artistic expression. A large classroom also serves as meeting and exhibition space. Ceramicists work their clay in an expanded studio with outside kilns.

Overlooking the patio, a student-faculty lounge provides two Internet-connected workstations. On the building's south wing, the dance studio includes large windows opening to views of the Elk Mountains

Colorado Mountain College District Map. Our 12,000 square mile service area.

surrounding Aspen. Artist-in-Residence, the Aspen Santa Fe Ballet Company rehearses in two additional dance studios with offices and dressing rooms nearby.

Classrooms are wired for high-speed Internet access, including several computer classrooms. Interactive video conferencing equipment has expanded course offerings, allowing students to take classes taught by instructors at other campuses.

An active lifestyle is an important part of the Aspen environment. During winter, skiing and snowboarding move to the forefront of the minds of residents and tourists alike. A hut trail system between Aspen and Vail and local track systems make cross-country skiing an increasingly popular sport. In the summer, the nearby Maroon Bells Wilderness Area, Elk Mountain range and Roaring Fork River provide excellent water sports, hiking, climbing, camping and bicycling opportunities.

Aspen is known as a major cultural center in the Rocky Mountains. Aspen Santa Fe Ballet

Company, the International Design Conference, Aspen Music Festival & School, Aspen Center for Physics, the Aspen Institute, and Anderson Ranch Art Center (in Snowmass Village) attract talented professionals from throughout the world.

As an international resort, the Aspen area also offers unusual opportunities for students to combine classroom study with work experience at local businesses. The excellent instructional programs, complemented by the Aspen environment, make the Aspen Campus an exceptional learning experience.

The Aspen Campus is a "Non-Traditional" campus, primarily serving working adults who live nearby. The campus does not provide residential facilities, and so does not offer the opportunities for traditional campus life found at our three residential facilities. However, a number of full-time vocational and transfer programs are available at the campus.

Aspen Campus programs are listed in the Programs section.

Rifle Campus

The Rifle Campus is located in town on Railroad Avenue. In addition to classrooms, photography and computer laboratories, art studios, a gymnasium and student lounge are available at the site. The Rifle Campus is a "Non-Traditional" campus, primarily serving working adults who live nearby. The campus does not provide residential facilities, and so does not offer the opportunities for traditional campus life found at our three residential facilities. However, a number of full-time vocational and transfer programs are available at the campus. Recent changes in class scheduling make it possible for transfer students to enroll fulltime at the Rifle campus.

The instructional programs at the Rifle Campus have changed and grown to meet the demands of small industries and an influx of new residents. In response to increased demands for retraining and new job skills, the Rifle Campus was remodeled to provide more classroom space, faculty offices and an expanded learning lab. The campus now

provides educational services to approximately 10,000 residents of New Castle, Silt, Parachute, Battlement Mesa, Rifle and surrounding areas.

Outreach programs are offered in the surrounding communities. Interactive video conferencing equipment has expanded course offerings, allowing CMC Rifle students to take classes taught by instructors at other campuses.

The high desert environment has hosted some of the most famous and infamous characters of the Old West. The surrounding White River National Forest and nearby Flat Tops Wilderness Area offer endless recreational opportunities. Two reservoirs within ten miles of Rifle make the area popular for fishing, sailing, water skiing and wind surfing. In the fall, the area is popular for deer and elk hunting.

The Rifle area is also the home of art shows, summer festivals, the Garfield County Fair, rodeos and other events which offer a varied and interesting lifestyle.

Find out more on the Rifle Campus Web page: www.coloradomtn.edu/campus_rfl/.

Rifle Campus programs are listed in the programs section.

The new Chaffee County Academic Center.

Roaring Fork Campus (Carbondale, Spring Valley and Glenwood Springs)

The Roaring Fork Campus combines the resources and course offerings of three locations within the Roaring Fork Valley, allowing students to apply courses from all three sites toward their degree or certificate. The campus also offers a variety of noncredit continuing education programs.

Spring Valley, located seven miles from Glenwood Springs, is a comprehensive residential campus with a residence hall, dining services, gymnasium, climbing wall, challenge course, student center, academic building, a working veterinary farm and laboratories for computers, science, photography and graphic design. Local residents are welcome to use the large library and learning resources center.

The Carbondale and Glenwood Springs centers are non-residential facilities emphasizing education of local residents. The diverse programs at these sites include degree and certificate programs, as well as courses in dance, exercise, art, computers and business. The Glenwood Center is a 35,000 square-foot facility near downtown Glenwood Srings. The Center includes a learning lab, dance and aerobic classroom, daycare (mini-college), senior center, and multiple computer labs that include advanced networking. The Lappala Center, in Carbondale is a 10,000

square-foot facility offering a computer lab, a learning lab, aerobic dance space, studio art space, and meeting areas.

Full and part-time students alike find a rich array of student activities and academic and occupational studies at the Roaring Fork Campus. Interactive video conferencing equipment has further expanded course offerings, allowing students to take classes taught by instructors at other campuses in a distance education format.

Find out more on the Roaring Fork Campus Web page: www.coloradomtn.edu/campus_rfc.

Roaring Fork Campus programs are listed in the programs section.

Summit Campus (Breckenridge and Dillon)

The Summit Campus provides educational opportunities through its locations in Breckenridge and Dillon.

The Breckenridge Center is located in a restored brick turn-of-the-century Victorian building. Situated in the middle of the Breckenridge Historic District, the building was the original Summit County High School, later the Breckenridge Town Hall, and today serves as an educational center as well as a community and cultural center.

The Breckenridge Center includes a 160-seat auditorium, photography laboratory, fine arts gallery, computer laboratory, classrooms, as well as dance, art and pottery studios. From this site, classes are also arranged for Frisco and other communities. Interactive video conferencing equipment has expanded course offerings, allowing students to take classes taught by instructors at other campuses.

In the winter, residents and visitors to the Summit Campus area enjoy Alpine and Nordic skiing, ice skating and other winter sports. Summer brings visitors to nearby wilderness areas. Lake Dillon attracts water sports and fishing enthusiasts to the crystal clear mountain water.

Students come to the Summit Campus in the summer for special workshops and seminars. The fine arts gallery located at the Breckenridge Center features exhibits by

local artists, visiting faculty and exchange exhibits with other colleges and universities. Regular film festivals and theatrical productions by students and faculty are held in the Breckenridge Center auditorium. The Breckenridge Film Festival, concerts, winter festivals and other community events provide students with additional opportunities to expand their educational experience beyond the classroom.

With the completion of the Dillon Center in spring 2003, the Summit Campus has grown to better serve our students. The Summit campus is pleased to provide expanded course offerings in a high quality learning environment surrounded by mountains and views of Lake Dillon. The Dillon Center features state-of-the-art science and computer labs and a learning center for the Developmental Studies program providing opportunities for learning with technology. Find out more on the Summit Campus webpage: www.coloradomtn.edu/campus_sum

Summit Campus programs are listed in the programs section.

Timberline Campus (Chaffee County Academic Center)

Driving south along the Arkansas River about 30 miles from the Timberline Leadville Campus, you'll find the Chaffee County Academic Center in Buena Vista. The Center offers degree and certificate courses that are awarded through the Timberline Campus and a variety of continuing education courses for a diverse community of learners.

Classes are held at the Center, in the Salida and Buena Vista high schools, at the Salida Regional Workforce Center, and in other community locations throughout the county. Chaffee County is outside the college district, but is part of the Colorado Mountain College service area.

Find out more about the Chaffee County Academic Center at the Chaffee County website at www.coloradomtn.edu/campus_tmb/chaffee.

Timberline Campus programs are listed in the programs section.

The Vail-Eagle Valley Campus at Edwards.

Vail-Eagle Valley Campus

Driving through the Eagle River Valley, you'll find a land ranging in character from the ranches of Eagle to the world-class ski resorts of Vail and Beaver Creek.

Eagle County is the center of many cultural events. You can hear great ideas debated by world leaders or listen to the National Repertory Orchestra in the Ford Amphitheater. In western Eagle County there are homestead ranches spread out like a history book along Brush Creek, near the Holy Cross Wilderness.

The brand new Vail Eagle-Valley campus is located along the Eagle River in the bustling yet quaint mountain town of Edwards (just 15 miles west of Vail). This campus offers a broad array of courses in a new 30,000 square foot building which includes computer labs, a ceramics lab, art and dance studios, a science lab, and many multi-use classrooms.

Courses at the Vail-Eagle Valley Campus are scheduled for the convenience of both working people and full-time students. In addition to many on-campus personal enrichment classes, the Vail-Eagle Valley campus offers over 100 online noncredit classes through Ed2Go. Though the Vail-Eagle Valley campus does not have residence halls, it does offer full degree and certificate programs.

In addition to classroom and distance learning courses, the Vail-Eagle Valley campus offers experiential learning opportunities in a mountain environment. You can learn ice climbing, rock climbing, kayaking, fly-fishing, or push your limits on a backcountry orientation trek. Outdoor classes explore the wilderness from Canyonlands in Utah to the alpine summits of the Rockies. Find out more on the Vail-Eagle Valley Campus Web page: www.coloradomtn.edu/campus_vev/. Vail-Eagle Valley Campus programs are listed in the programs section.

Residential Campuses

Residential campuses are designed to provide a traditional "on-campus" college experience, including residence halls, cafeterias, student recreation facilities and libraries. Residential campuses generally have more full-time students, creating opportunities for a variety of campus life activities as well.

There are three residential CMC campuses — Alpine Campus in Steamboat Springs, Roaring Fork-Spring Valley near Glenwood Springs, and Timberline Campus in Leadville.

See the Residential Life chapter of this catalog for complete information including application processes, housing and meal plans, and costs.

Getting In

CHARLOTTE TALLEY transferred her Outdoor Education degree to Alaska Pacific University, majoring in Environmental Science/Outdoor Studies. She then landed the "dream job" as a state park ranger on the beach in South Carolina. Later she joined a National Geographic photographic expedition, and today teaches sixth grade life science at the private Hammond School in Columbia, South Carolina.

This chapter contains practical information to make sure you get off to a solid start at CMC. How to determine your residency status and the associated tuition costs, how to apply for admission, register for classes, and receive grades are all described in this section.

Lessons learned in the mountains can help you achieve your dreams. Don't let a technicality get in your way. Don't hamper your education by misunderstanding a policy. Read the policies first.

Admissions

The following admissions procedures are used primarily for full-time students enrolling at our residential campuses. For admission to community campuses, please refer to the current Colorado Mountain College class schedule.

Regular Admissions Requirements

You may be granted regular admission to Colorado Mountain College if you are a high school graduate, or have earned a General Educational Development Certificate (GED). If you are not a high school graduate, you may also be admitted if you are 16 years of age or older.

All admissions are also based upon the following conditions:

- Certain programs may have limited enrollments due to staffing and facility constraints. Students are admitted based upon program admission criteria and as staffing and facilities permit.
- Transfer students seeking a degree or certificate program at a residential campus should have a cumulative grade point average of at least 2.00 on a 4.00 scale at previous colleges attended in order to be considered for admission to Colorado Mountain College. Exceptions may be approved by the Dean of Enrollment Services.
- ACT or SAT scores are recommended and are used for advisement and placement. If you are seeking a degree and have not completed ACT or SAT exams prior to enrollment, you will be required to take a placement test.

Please contact Central Admissions at 970-945-8691 for further information.

Immunization Requirement

Colorado Mountain College must comply with the state immunization law. This law requires certain full-time students to provide documentation concerning their immunization against measles, mumps and rubella. The Registrar's Office will notify you if this documentation is required. Questions may be addressed to the Student Services Office at your site/campus.

Selective Service Registration

Colorado law requires all males between the ages of 18-25 to certify their registration with the Selective Service. If a student is required to be registered and has not, state law prohibits the College from allowing him to enroll.

Academic Placement & Testing

All first-time students undergo testing in reading, writing, and mathematics at the beginning of their first semester of study. Required test scores may change without notice. See your Student Services Counselor.

If you do not meet the minimum competency standards established by the college, you may be required to complete prerequisite developmental courses which will help develop the skills you need to succeed in college-level work. Students needing accommodations for testing must contact the Special Populations Coordinator.

Placement Test Requirements

Colorado Mountain College requires placement tests to determine which classes best suit your abilities. You will not be required to take these tests if:

1. You have taken an ACT test and achieved an English score of 18, a reading score of 17, and a math score of 19. This test must have been completed within two years of registration.

OR

You have taken an SAT test and achieved a verbal score of 440 for English, 430 for reading and a math score of 460. This test must have been completed within two years of registration.

OR

2. You have successfully completed ("C-" or above) the equivalent course to ENG 121 and MAT 121 at a previous college. An official transcript must be provided when you are admitted.

OR

3. You are awarded credit in Math and English through the College Level Examination Program (CLEP) or through Advanced Placement Examinations.

Application Process (Domestic Student)

If you are seeking to obtain a degree or certificate, apply through the following procedure:

1. Complete the Colorado Mountain College Application for Admission, or the Application for Undergraduate Admission to Colorado Collegiate Institutions. These forms are available through high school counseling offices, Colorado Mountain College locations and at the back of the catalog.

2. If you are applying to college for the first time, you should take the American College Test (ACT) or the Scholastic Aptitude Test (SAT) and have the results forwarded to the appropriate campus admissions office. These tests are not required for general admission. However, certain scores will exempt you from required placement testing and may be required for some programs. See the "Academic Placement and Testing" section for detailed instructions. Individual

immunizations before you will be allowed to register for classes the first time.

8. No application fee is required.

9. Submit the Application for Admission to the campus of your choice or mail it to:

Central Admissions Office
Colorado Mountain College
831 Grand Avenue
Glenwood Springs, CO 81601
970-945-8691
1-800-621-8559 (toll-free)
email: joinus@ColoradoMtn.edu

Application Process (International Student)

Colorado Mountain College is authorized by the U.S. Immigration Service to admit non-immigrant students to Roaring Fork Campus-Spring Valley, Alpine and Timberline Campuses. Foreign students who wish to enroll must have earned a high school diploma or equivalent. The following documents must also be submitted:

1. An Application for Admission for International Students to Colorado Mountain College at least six months prior to the start of the term for which you are requesting admission. We strongly suggest you begin attending at the start of fall semester. Fall semester begins the academic year.

2. Official transcripts with certified English translations (if needed) of all college and/or university studies. You should also send certificates of the results of official advancement examinations. Transcript(s) will be evaluated by an outside agency and you will be responsible for the fee.

3. If your native language is other than English, send scores of the Test of English as a Foreign Language (TOEFL), with a minimum total score of 500 on the written exam and 173 or higher on the computer exam. For more information about this test and how to prepare for it, write:

Test of English as a Foreign Language
Educational Testing Services
Box 899
Princeton, New Jersey 08540 USA
www.toefl.org

We also accept the Michigan Test of English Language Proficiency (minimum score of 80); recommendations from the English Language School (completion of Level

Outdoor adventures teach lifetime lessons.

programs and courses have certain physical and academic standards which you may be required to meet before you are admitted to that program or enrolled in that course.

3. If the minimum competency standards established by the college are not met, you may be required to complete prerequisite developmental courses which will help develop the skills needed to succeed in college-level work. Please see the section about Developmental Education for detailed information.

4. Special needs students should see information in the Disability Services section. All programs have basic skills requirements mandated by the American Disabilities Act (ADA). See our web site under each program for the complete listing.

5. Some campuses (including all residential campuses) ask students to send final official high school or college transcripts.

6. If you are transferring college credit into CMC, you must submit official transcripts of all previous college work. Upon your request, these are forwarded directly from the college you previously attended to the Central Admissions Office. If you have taken fewer than 18 quarter hours or 12 semester credit hours of college work, some campuses may also ask you to provide your official high school transcript.

7. Colorado law requires all college freshmen born since January 1, 1957 to have had two immunizations each against measles, mumps and rubella. You must provide proof of these

109); or completion of Level 5-advanced at an Intensive English Language Center. For information about the Michigan Test, write:

> Michigan Test of English Language
> Proficiency
> University of Michigan Press
> Ann Arbor, Michigan 42104 USA

Because Colorado Mountain College does not offer an academic-based program in English as a Second Language (ESL), all international students must demonstrate English language proficiency prior to acceptance.

4. Financial Certification verifying the resources to provide for your stay in the United States for one year.

5. I-20 Form. We will send you this form after we receive items 1 through 4 above, if you meet admission requirements. The I-20 Form is required to obtain a visa or to transfer from another school.

6. International tuition and fees. Out-of-state tuition and fee charges apply. Financial aid is currently not available for international students.

7. International Housing. We strongly recommend that international students live in on-campus housing. Housing information will be mailed with letters of acceptance or upon request.

8. International students are required to purchase the International Student Health Insurance Policy offered through Colorado Mountain College.

Helpful online information for international students is available at Study in the USA: www.studyusa.com.

Residency Classification

Domicile is defined by Colorado law. To be domiciled in Colorado for tuition classification purposes, the student (or his/her parent/legal guardian as prescribed by the law) must have physical presence in the state and/or district and an intent to maintain that as a true, fixed permanent place of residence. You may be required to furnish the following documents to assist in the verification of residency: Colorado income tax returns, current driver's license, motor vehicle registration and voter's registration; proof of physical presence such as rent receipts, cancelled checks, or other acceptable evidence; and a petition for residency classification.

If you feel you have been incorrectly classified, you can request a tuition reclassification petition and a copy of the summary of the state statutes governing tuition classification from any Colorado Mountain College campus. This petition will be processed only if you have an application for admission on file or are currently enrolled. The petition must be submitted before registering in the class for which a change in residence classification is sought.

Colorado Resident

To be classified as a Colorado resident for tuition purposes, you must be domiciled in the state for 12 months before becoming eligible for a change in residence classification under the tuition classification law.

If you are under the age of 23, you must prove emancipation from your parents if they are not legal residents of the district/state.

In-District Resident

To gain in-district status for tuition purposes, you must be a Colorado state resident and be domiciled in the six-county Colorado Mountain College District for a minimum period of 32 days prior to registration. If you are under the age of 23, you must prove emancipation from your parents if

they reside out of the district. If you gain in-state status while residing in the district, you may earn in-district status at the time of your classification as in-state.

Any student who willfully gives wrong or misleading information to avoid paying non-resident tuition is subject to legal and disciplinary action. Disputes of tuition classification beyond the petition are considered by a campus or center appeals board appointed by the Campus Dean or Center Director.

Out-of-State Resident

An out-of-state resident is a person domiciled in Colorado for less than one year.

Selective Admissions Programs

You might be admitted to the college, but not accepted to a particular program due to enrollment limits or academic requirements. In this event, a counselor will help you plan a schedule for overcoming scholastic deficiencies or will suggest alternative courses or programs.

In programs where enrollment is limited due to academic requirements, meeting minimum requirements does not guarantee admission to the program. Admission to these programs is based upon academic and personal qualifications considered necessary for successful

Small classes provide great discussions.

practice in the occupation. For further details about programs with limited enrollments and specialized admission requirements, please contact the Central Admissions Office at joinus@coloradomtn.edu.

Student Admission Classifications

For admissions purposes, there are two student classifications: regular or special admit.

Regular Admit Student

A Regular Admit Student has been authorized admission to Colorado Mountain College having met all admission criteria. Regular Admit Students are authorized to register at any Colorado Mountain College campus and may register for any course for which they have met all prerequisites.

Special Admit Student

A Special Admit Student has been authorized admission to Colorado Mountain College but has not met all regular student admission criteria. Special Admit Students may be limited in the courses for which they are authorized to register. Special admissions may be for a specific semester, academic year, etc. High school students (including home school students) will be admitted as a Special Admit Student.

ADA Physical and Academic Requirements

Colorado Mountain College occupational certificates and degrees have certain physical and academic standards which you will be required to meet before you are admitted to the program. Students accepted into the college's vocational programs must be physically, mentally, and emotionally self-supportive with reasonable accommodations.

If you are concerned about meeting the physical and academic standard, please contact the Disability Services Coordinator who will determine your ability to participate in the program. See Requesting Accomodations for Special Needs for contact information for the Disability Services Coordinator at your campus.

Registration

This section describes the policies and processes for adding and dropping classes and policies related to class attendance, course load, and transferring credits into Colorado Mountain College.

Before You Register

You must register for each class before it begins. For your success, we suggest that you meet with your Faculty Advisor or a Student Services Counselor as you plan your semester schedule. The class schedule from your campus shows registration times and locations. This schedule, printed each semester for each campus, provides critical information concerning each course: when and where the course meets, the teacher, and the cost. The schedule also provides important dates such as the withdrawal date (the last date you can drop the class).

Classes offered by Colorado Mountain College have varied start and end dates. Therefore, the college does not have a uniform Add or Drop Date for all classes. These dates are unique to each class. We encourage you to register as early as possible for each class offering.

The Five Registration Methods

Colorado Mountain College offers five registration options:

1. Mail
2. Fax
3. Phone
4. Online
5. In person

Complete registration information is included in the semester class schedule for your local campus or campuses. Semester class schedules are mailed to all local mailboxes prior to semester registration.

Class schedules and registration information is also available on the Colorado Mountain College web site at www.coloradomtn.edu/classes. All class schedule information is searchable online.

Pre-registration and Financial Aid

To ensure degree planning success, existing residential students may "pre-register" for courses prior to the official registration date. If you plan to attend as a full-time student and require financial aid, the CMC Financial Aid office strongly encourages you to pre-register for each semester to ensure that the financial aid appears on your bill.

To be eligible for financial aid, it is also necessary to declare an intended major on your application form. See the Financial Aid section of this document for more information on the financial aid applications process and the application calendar.

Payment and Prerequisite Requirements

Students must make payment or adequate arrangements for payment at the time of registration. A student is considered to be fully enrolled in a class if allowed to remain registered in the class through the class census date.

Students may be dropped who do not meet minimum course prerequisites or who have not paid and have not made adequate arrangements for payment. Because of time constraints, prior notice of the drop will not be provided. Students who are dropped for non-payment will not automatically be reinstated in the class. The student may be required to join others on a waiting list.

Adding a Class

To register for a class (add), you must complete an Add/Drop Registration Form and submit it to your campus registration office. Classes may be added or dropped from your schedule only within the dates established for each class. These dates are published in the semester class schedule.

Early Decision Dates

Some classes may have early decision dates. This means that if sufficient enrollment is not evident at an established date prior to the class start date, the class may be cancelled. In general, however, students may register for, or add, a class through the first day of class. When you register after the first class session, but before the class census date, you may be required to obtain approval of the faculty member. Registrations/Adds after the census date must have the approval of the faculty member and site administrator.

Class Attendance

Students are expected to attend all classes. Faculty members are authorized to drop students for excessive absences. The actual number of absences necessary for a faculty member to consider dropping a student varies by course and instructor. Be sure to discuss this matter with your instructor to determine his/her minimum expectations. You cannot, however, assume that a faculty member will drop you from a class. If you wish to drop a class, you are responsible for completing the necessary Drop Form.

Course Load

Each course offered for college credit is assigned a specific credit hour value. The credit hours usually correspond to the number of class sessions per week. For example, a standard three credit hour course offered for the full 15-week semester will usually meet three hours per week.

To complete a two-year degree program in four semesters, you would need to enroll in approximately 15 or 16 hours per semester.

In general, the minimum requirement to be considered full-time is 12 credit hours. However, requirements for different types of financial assistance (financial aid, scholarships, veterans benefits, etc.) may vary. Be sure to read carefully all correspondence from these offices and agencies when you are planning your schedule.

Disabled students may, for some purposes, be considered full-time if taking fewer than 12 credit hours. Contact the Registrar for more information.

If you plan to enroll in more than 18 hours, you must obtain authorization from your counselor and/or the site administration. Please contact the Registration Office for information concerning overload approval requirements.

Repeat Courses

Discuss repeating a course with your academic advisor. Both the original grade and the grade received for the repeated class will be listed on your transcript. However, in calculating the cumulative grade point average at Colorado Mountain College, the original grade will be invalidated and only the last grade will be used.

Requesting Readmittance

If you have been gone from CMC for three or more semesters, you are required to be readmitted and must complete a new application for the term in which you are enrolling.

Earning Non-Traditional Credit

Colorado Mountain College recognizes that learning can take place in environments outside the traditional classroom. To recognize this learning and to equate it with traditional classroom learning, we have developed the following methods of awarding credits.

These are listed in the order of preference established by the college. For example, courses which have standardized national exam equivalents should have credit awarded through use of these exams. Challenge Exams are utilized for courses which have no national exam equivalents. Likewise, Credit for Life Experience is used when neither a national exam nor a challenge exam is appropriate to the course.

Definition of Awarded and Earned Credits

National exam scores, challenge exams, or credit for life experiences recognize prior learning. Credits representing this learning are considered to be awarded by the college.

Awarded hours are not included in meeting the minimum requirements for graduation.

Credits are considered to have been earned if they are the result of a student's official registration in the class at Colorado Mountain College.

Credit for Standardized National Exams

Certain courses have nationally-recognized examinations which satisfy certain course and program requirements. Colorado Mountain College recognizes and accepts exam results for CLEP, AP, DANTES, and Excelsior College Exam to award credit. Please contact your Student Services Counselor to inquire about the acceptance and the required minimum score of a specific subject matter exam through one of these national testing agencies.

Challenge Exam Credits

You may take a challenge exam in lieu of enrolling in and taking a course. Contact the Student Services Counselor at your campus for details. If you successfully complete a Challenge Exam by receiving a grade of "C-" or better, the credits allowed for the course will be posted to your transcript. Challenge Exam grades of "D" or "F" will not be posted to your transcript. Challenge credits are posted to transcripts with a notation indicating the credit was awarded by examination.

You must submit an application letter to the Student Services Counselor stating which course(s) you wish to challenge. The counselor then coordinates with the Chief Student Learning Officer to secure an ap-

proved instructor. After the examination has been established, you make payment to the registration staff. This payment is non-refundable. You must be currently enrolled in other classes at Colorado Mountain College to qualify for a Challenge Exam.

You may take as many approved Challenge Exams as you wish, however, you may attempt only one exam per semester for each course. Fees for Challenge Exams are non-refundable and are assessed before you attempt to challenge a course. In-District fees are 50 percent of current tuition for the credits attempted through the exam process; in-state and out-of-state fees are 50 percent of current tuition for in-state residency for credits attempted through the exam process.

Credit for Life Experiences

Colorado Mountain College has developed a procedure for evaluating your prior learning outside the classroom and through life experiences. This method of awarding credit may be authorized for courses which, as determined by the Chief Student Learning Officer, cannot be effectively evaluated through the challenge exam system. This procedure determines the specific learning which has taken place and equates that learning with courses within the curriculum. Contact a Student Services Counselor to determine the availability of a challenge exam for the specific Colorado Mountain College course. If a challenge exam is not available, the counselor will provide a copy of the Guidebook for Credit for Life Experiences.

The fees for Credit for Life Experiences are non-refundable and are assessed before you turn in a portfolio. In-District fees are 50 percent of current tuition for the credits attempted through the portfolio process; in-state and out-of-state fees are 50 percent of current tuition for in-state residency for credits attempted through the portfolio process.

Credit for Military Service and Training

Credit may be awarded for certain types of military service and schools. The training/schooling must be approved and listed in the current Guide to the Evaluation of Education Experience in the Armed Services, prepared by the American Council on Education.

Transferring Credits into Colorado Mountain College

This section describes the requirements and processes for transferring credits into Colorado Mountain College.

International Transcript Evaluation Process

International transcripts are evaluated for Colorado Mountain College by a service agency. The fee for this service is paid by the student directly to the service agency. Copies of course outlines and/or syllabi from your previous courses may be required. Please contact the Office of Admissions at Colorado Mountain College to obtain the necessary information for having international transcripts evaluated for transfer credit.

Credits Not Accepted Into Colorado Mountain College

There are some courses which do not transfer or count as degree credit at Colorado Mountain College. These are grouped as follows:

1. Developmental college courses such as developmental English, remedial mathematics, remedial reading, developmental reading, and remedial science.

2. Occupational-technical courses not equivalent to content and/or level of Colorado Mountain College courses.

3. No more than 20 quarter or 13 semester credits completed by correspondence at another institution.

4. Courses in which a grade of "D+" or less was received (or a "P" grade, where "P" can be equal to "D+" or less level work).

5. Religious courses which are not secular in content.

6. Courses taken longer than 10 years ago must be reviewed by the Registrar before they are accepted.

Transfer Evaluation and Reporting Process

Regular academic courses completed with a grade of "C-" or better are generally accepted in transfer. Colorado Mountain College accepts credits earned from colleges and universities accredited by nationally recognized accrediting agencies. If your college was accredited by a nationally recognized agency other than a member of the Association of Schools and Colleges, please contact the Registrar to confirm whether your credits are transferable.

To determine the number of credits which will be accepted in transfer to Colorado Mountain College, we prepare a Transfer Evaluation Report. This report compares an official transcript from the transfer institution with courses at Colorado Mountain College. Equivalent course codes are assigned where possible. Not all transfer-level courses are granted an equivalent, but credit in the same general area may be allowed. If necessary, the evaluator will use the catalog course descriptions from the transferring institution as the official statement of course content. Students may be requested to provide official course descriptions for specific courses.

If you have earned credit from a non-accredited institution you may attempt to have the learning recognized through our challenge exam system. See Earning Non-Traditional Credit for more details.

Transfer Evaluation Appeals Process

If you are not satisfied with the completed Transfer Evaluation Report, you may submit a written appeal to the Registrar. The Registrar will review the appeal (consulting faculty and/or academic administration as appropriate) prior to making a final decision.

Dropping a Class

To withdraw from a class (drop), you must complete an Add/Drop Form and submit it to the site registration office. Notifying the instructor, your advisor, or simply not attending class is not sufficient to ensure that you are withdrawn/dropped from the class. If you cannot submit an Add/Drop Form to the site registration office, you must submit a written request to be dropped. This request must be submitted to the site registration office. The date the written notice or Add/Drop Form is received shall determine your eligibility to drop the class and/or receive any related refunds.

Students may not drop (withdraw from) a class after the Class Withdrawal Date. This date is published in the class schedule. It is usually the date on which 75 percent of the course instruction has occurred. Students dropping (withdrawing from) a class after the census date published in the schedule will receive a "W" grade for the class.

Administrative Withdrawal

The course instructor may drop a student from his/her class for excessive absences. Excessive absence is the point at which the faculty member feels that the student, due to absences, cannot successfully complete

Work one-on-one with your teachers.

the course. The instructor is not, however, required to drop the student. Excessive absences can cause the student to earn a failing grade.

If the faculty member drops (withdraws) a student, the student is awarded a grade of "AW" (Administrative Withdrawal). The instructor cannot drop a student after the Course Withdrawal Date. Students dropped through Administrative Withdrawal procedures do not receive a refund of tuition and/or fees.

Grading System & Options

You will receive a grade report for current semester courses at the end of each term. This grade report is mailed to your preferred mailing address. Reports are mailed approximately two weeks after the end of the academic term.

On the report, you will receive one of the following symbols for each course enrollment (unless officially withdrawn prior to the course census date):

Grade	Meaning	Quality Points
A	Excellent	4.0
A-		3.7
B+		3.3
B	Above Average	3.0
B-		2.7
C+		2.3
C	Average	2.0
C-		1.7
D+		1.3
D	Poor	1.0
D-		.7
F	Fail	0.0
W	Withdrawal	-
AW	Administrative Withdrawal	-
AU	Audit	-
P	Pass	-
I	Incomplete	-
NG	No Grade Assigned	-

Grading Options

You select your grade option at the time you register for classes. You may change your grade option up to the class refund/census

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date by contacting the registration staff at your campus. Most courses offer the three grading options described below.

Audit Option

Students selecting the Audit Option receive an "AU" as the final grade. This means only that the student registered for the course. Audit students are not required to submit papers or take exams, but all risk management and student conduct requirements still apply. Students registered under this option earn no quality points or credit hours. Students cannot meet prerequisite requirements through this grade option. Students registered under the course audit option may re-take the course for credit later.

Pass/Fail Option

If you select the Pass/Fail Option, you will receive a "P" for the class if you earn the equivalent of a "C-" or better for the course. Likewise, an "F" is assigned if you earn a "D+", "D", "D-", or "F".

Although all courses are available through this option, only 20 percent of all courses used to meet degree/certificate requirements can be earned through the Pass/Fail Option. Courses awarded by standardized national exams, i.e., CLEP, AP, DANTES, or Excelsior College Exam, are given a "P" grade and are not included in the 20 percent calculation. Courses with the prefix of PAC

and courses of .5 credit hours or less must be graded with the Pass/Fail Option.

Letter Grade Option

If you do not clearly express your desire to be evaluated using one of the grading options outlined above, you will be automatically evaluated using the letter grade option. These grades are listed (A-F) under the "Grading System" section.

Short workshops (.5 credits or less) and courses with PAC prefixes are not available through this grading option. You must register for these courses through the Pass/Fail or Audit Options.

Grade Appeals

Evaluating student academic performance and assigning grades is a major professional responsibility of the faculty. The student may, however, appeal an assigned grade if he/she has evidence indicating that the grade was awarded in a capricious manner. Capricious grading is defined as one or both of the following:

1. The faculty member used criteria other than performance in the course.

2. The standards used to assign the final grade deviated substantially from the standards announced and/or were not uniformly applied to others in the class.

Please note-- simple disagreement with the subjective judgment of the instructor does not support the charge of capriciousness.

Students wishing to appeal a grade must discuss the grade assignment with the instructor. If the matter is not resolved, a written notice of appeal must be submitted to the Dean/Director of the Colorado Mountain College campus that offered the class. This notice of appeal must be received within 30 days after the first day of classes for the following term.

Tuition and Other Costs

A college education is one of the most important investments you will make. Colorado Mountain College is committed to providing access to everyone who can benefit from a program of higher education.

The cost of attending Colorado Mountain College varies depending on residency status, program of study, housing status, and other services needed. The following section covers

general tuition and fee costs you may expect by attending Colorado Mountain College during the 2006-2007 academic year.

Standard Tuition Rates

The chart below lists in-district, in-state, and out-of-state tuition rates for a single credit and 15-18 semester credits. You can take an additional three credits above the 15 for no extra cost. If you choose to take more than 18 credits, however, you will be charged per credit as listed below:

See the Residency section for information about "In-district" and "In-state" classification.

Classification	Rate per credit	Total for 15 credits per semester
In-district students	$43	$645
In-state students	$72	$1080
Out-of-state students	$231	$3465

Out-of-State Resident Tuition Rates

These students are allowed to register for up to three credits at a rate equivalent to our industry rate ($82 per credit hour), OR they may enroll in one 4 or 5 credit course at this rate. (Students cannot take a series of courses that add up to either 4 or 5 credits with this tuition rate.)

If an out-of-state resident student takes more than the allowed number of credits, all credits (including the original credits) will be charged at the regular out-of-state rate.

Professional Photography, now all digital.

Industrial Tuition Rates

The industrial tuition rate enables Colorado Mountain College to provide educational services for local businesses without penalizing them for employees who do not meet state residency requirements. Under this classification, employers will pay $82 per credit hour for employees who are out-of-state residents involved in job related training activities.

Senior Grant Tuition Rates

Colorado Mountain College provides grants for 50 percent of the tuition charge for district residents who are 62 years old or older. This policy applies to credit courses only.

Miscellaneous Charges and Fees

This section summarizes miscellaneous charges and fees that are levied in addition to standard tuition rates.

Fee	Cost
Bad Check	$25.00 per occurrence
Library fines	(vary)
Graduation fee	$20.00
Official Transcripts	$2 to $10

Buying Textbooks

Textbooks are required for most courses and are available through each campus or book company. Textbook costs vary by course and program.

Roaring Fork Campus-Spring Valley, Alpine and Timberline campuses have full-service bookstores supplying instructional materials, clothing, and incidentals. They also cash checks.

Textbooks for all distance learning courses and some courses at commuter campuses are purchased through MBS Direct.

Information is available on the MBS direct web site at http://direct.mbsbooks.com/coloradomtn.htm or by phone at 800-325-3252.

Program Fees

Because of special requirements for laboratories and specialized equipment and materials, several programs carry supplemental fees in addition to other instructional costs. These are called program fees. Some programs also require you to purchase professional equipment.

Student Activity Fees

All residential campuses provide a variety of student activities planned and supervised by student government and the Student Activities Coordinator. Dive into a pool party, take a special ski trip, catch a comedy act or just enjoy life at Colorado Mountain College. Your student fees pay for these activities. If you attend these campuses, you must pay student activity fees. The amount varies by campus and by the number of hours for which you are enrolled each semester.

Credit Hours	Alpine	Timberline	Roaring Fork/ Spring Valley
6-8	$50	$65	$55
9+	$80	$80	$90

Note: all students living in Spring Valley residence halls are required to pay student activity fees.

Payment Plan

Paying for the rising costs of a college education is a concern for most everyone. Colorado Mountain College offers a number of different options for obtaining financial assistance with these costs. Among them are a payment plan, grants, scholarships, loans and work study options.

Colorado Mountain College has partnered with FACTS Management Company to offer our students a plan in which payments can be spread throughout the semester. This is not a loan program, there are no interest or

finance charges assessed and there is no credit check. The cost to budget you interest-free monthly payment plan is a $25 per semester non-refundable FACTS enrollment fee. Payments are made either through pre-approved bank to bank transfers or through your credit card. More information about this program can be found at www.coloradomtn. edu, then select "Admissions" and click on the e-Cashier link at the bottom of the page. Payment schedules vary by semester, please contact the location you plan to attend for the specifics.

Refunds

This section discusses tuition and special charge refund policies. For housing and meal service refund information, see the Residential Life section of this catalog.

Standard Class Refunds

You will receive a refund of tuition and fees for standard classes (classes which span a period longer than five days) if you drop the class within the first 15 percent of the semester (on or before the refund date). The refund date is published for each class in the semester class schedule.

To be eligible for a refund, you must submit a completed Add/Drop Form to the registration office at your campus. Lack of attendance does not constitute dropping a class. If you are unable to complete an Add/Drop Form, you must submit a written request to the registration office at your campus. It is

Cost Summary Table

This table offers a side-by-side comparison of most conceivable costs and fees associated with attending a community or residential campus.

Because many of our campuses are located in cosmopolitan resort communities with extremely high rent and food costs, the residence hall with food service, at $6200 for eight months ($775 a month) is by far the most affordable option for full-time students.

Product or Service	Community Campus	Residential Campus
Two 15-credit Semesters (in-District tuition)	$1032	$1032
Food Service (19 meal/wk plan for two semesters)	N/A	$3104
Residence Hall (double occupancy, two semesters)	N/A	$3288
Student Activity Fees (two semesters)	N/A	$180
Books & Supplies (avg. for two semesters)	$650	$650
Graduation Fee	$20	$20
Grand Total	$1702	$8274

your responsibility to insure that the request is received by the registration office. The date of receipt of the request will be used to determine eligibility for refunds and/or final approval of the drop request.

No refund is given if a class is dropped after the refund date. If you are enrolled in a class that is cancelled, you will receive 100 percent refunds of tuition and fees.

Short Class Refunds

To receive a refund for a short class (one to five days in duration), you must submit the Add/Drop Form two working days

prior to the first day of class. Working days are defined as Monday through Friday for this purpose.

Special Charge Refunds

Some courses may have special charges that are required for the course. These special charges are usually charged to cover expenses external to the college, and may have early refund dates or be non-refundable. Please check the class schedule for this information.

Getting Help

- Financial Aid Overview, Applications, & Eligibility

- Multi-Campus Scholarships, Grants, Loans and Employment Opportunities

- Accessibility Services

- College Libraries

- Counseling and Advising

- Developmental Education Program

- Student Health and Accident Insurance and Facilities

- Testing Services

- Veterans Benefits
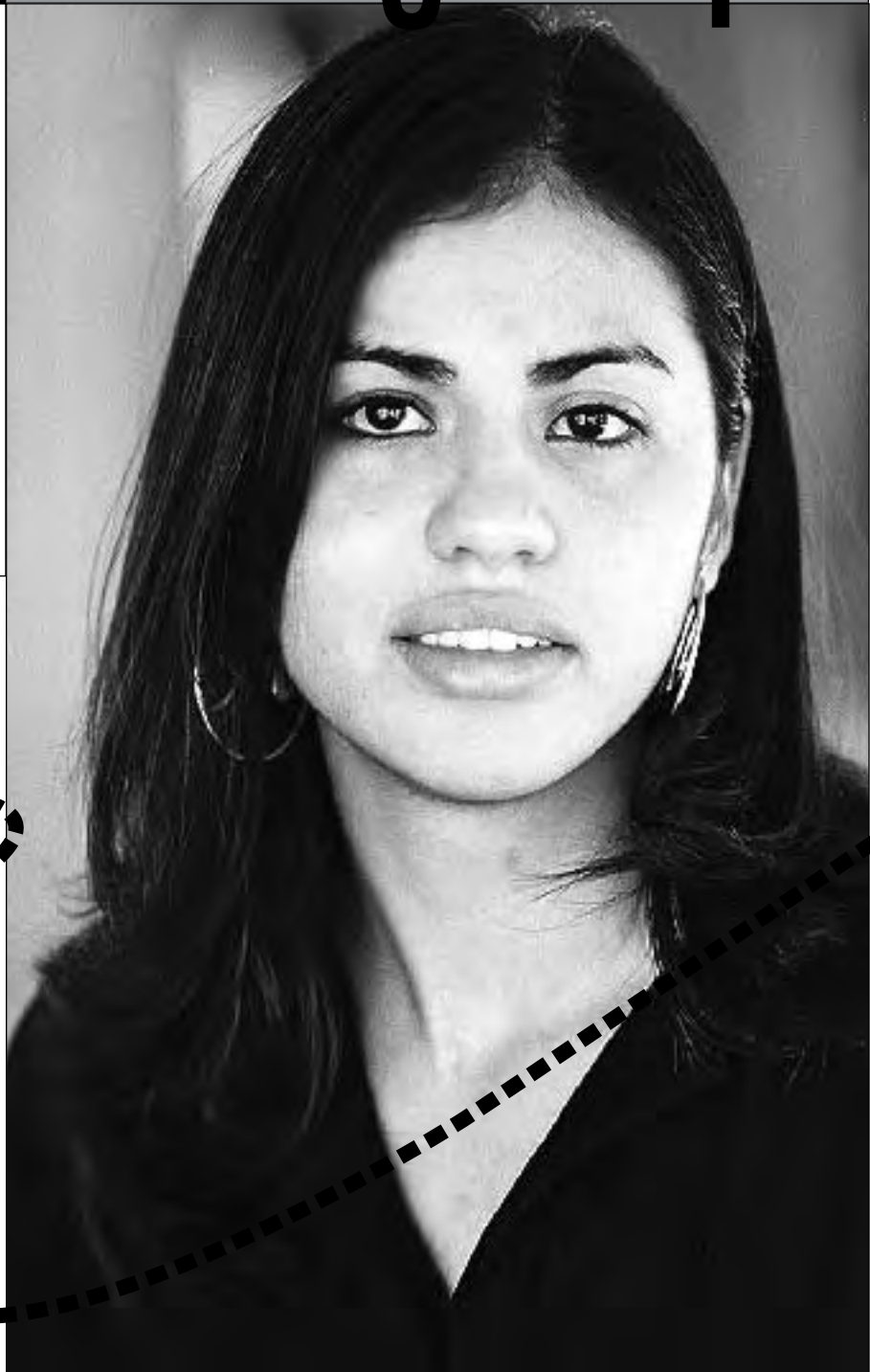
MARICELA PINELA was highly recommended by her teachers to become an Alpine Bank Hispanic-Latino Scholar. After earning her degree she plans to transfer to the University of Colorado at Denver to major in engineering.

This section describes Colorado Mountain College's commitment to student access and success and summarizes all of the ways that CMC helps you succeed--financially, academically, occupationally, even personally!

Financial Aid Overview, Applications, & Eligibility

Colorado Mountain College is committed to equal educational opportunity for all students. Staff is available at all campuses to help you with general information, application procedures, financial aid counseling and other related issues. If you have questions about financial aid, please call, e-mail or write us at:

Colorado Mountain College
Office of Student Financial Aid
Box 1668
Glenwood Springs, CO 81602
800-621-8559 ext. 8323
E-mail: glewis@coloradomtn. edu

In addition to numerous loan options, Colorado Mountain College offers several grants and over 50 different scholarships and work study opportunities, funded from both public and private sources. These are described in detail in the multi-campus and single campus scholarship listings.

This section describes the Financial Aid application and eligibility determination process, and, if applicable, the award repayment process.

Financial Aid Application Process.

Complete the Free Application for Federal Student Aid (FAFSA), available at all Colorado Mountain College campuses or online at www. fafsa. ed. gov.

Additional information may be requested before processing your information. Colorado Mountain College does not have an official financial aid application deadline; however, applications received before March 31 receive priority consideration for the following academic year. Need analysis information received after this date will be processed and students will be approved for assistance as funds are available. You are encouraged to complete the FAFSA even though you have missed the priority date.

Colorado Mountain College Foundation Scholarships require a separate application. See details later in this section.

Summer Semester Financial Aid Application Process.

To request assistance for the summer term, you must submit a separate summer application and a Free Application for Federal Student Aid if you have not already completed one.

The summer application is available after February 1. Funds are limited and may not be available each summer. However, you may be eligible for a Federal Pell Grant if you did not use your full grant eligibility during the academic year.

Transfer Student Financial Aid Application Process.

Complete the FAFSA if you haven't already done so, and provide a scholarship application, if appropriate, to the Office of Student Financial Aid at Colorado Mountain College.

Disbursement of Financial Aid.

Financial aid in the form of grants, scholarships and loans will first be applied toward the payment of outstanding tuition and fees owed to the college. Financial aid awarded in excess of outstanding tuition and fees will be disbursed by check to you approximately two weeks into the semester.

Demonstrating Satisfactory Academic Progress.

All students receiving federal and/or state-funded financial aid are required to meet certain standards to ensure that they are making reasonable progress toward obtaining a degree or certificate. In addition to maintaining a particular grade point average, students are expected to complete a minimum number of credit hours each semester. The number of hours to be completed varies according to the student's enrollment classification. Students failing to meet satisfactory academic progress guidelines may lose their financial aid.

A detailed Satisfactory Academic Progress Policy is made available to each student with their award notification.

Re-establishing Financial Aid Eligibility.

Financial aid recipients must re-apply each year to re-establish eligibility. You may use the Renewal Application or request a Colorado Mountain College Application Packet

Emergency and industry training.

that contains a Free Application for Federal Student Aid. The application packet is usually available in January.

Returning Title IV Funds.

When a student receives Title IV funds either directly or by credit to their account, and they terminate their enrollment prior to the end of the semester, the financial aid they received is subject to repayment. Repayment is calculated based upon the number of days the student actually attended classes as a percentage of the total number of days in the term.

A student received a Pell Grant for $1650 for full time enrollment of 12 credit hours. Student charges for the term totaled $726.20. The student completed 30 calendar days of the 110 days of the term. Title IV Aid to be returned by student equals (Original award-institution charges - student charges x percentage unearned /2 = amount student must repay. In this case, $1650 - $726.20 x 73% aid unearned = $674.37 / 2 = 337.19). The student owes $337. 19. Pell Funds to be returned to the Department of Education by Colorado Mountain College total $530.13.

Original Pell Award	$1650.00
Student withdraws after attending 30 calendar days	(30/110)
Percentage of Title IV earned	27%
Amount of Title IV aid earned	$ 445.50
Pell award-Amount of Title IV aid unearned (Title IV aid to be returned)	$1204.50
Institutional Charges incurred by student	$ 726.20
Percentage of Title IV aid unearned	73%

Please note: a student must repay these funds. Failure to repay may require the college to report the student to the Department of Education, causing denial of future Title IV funds at ANY educational institution.

Title IV Fund Repayment Order.

The student (or parent for a PLUS loan) must return unearned aid for which the student is responsible by repaying funds to the following sources, in order, up to the total net amount disbursed from each source, after subtracting the amount CMC will

return. Amounts to be returned to grants are reduced by 50%.

1. Unsubsidized Stafford Loan
2. Subsidized Stafford Loan
3. PLUS Loan
4. Pell Grant
5. FSEOG
6. Other Title IV programs

Colorado Mountain College Foundation Scholarships

In addition to the scholarships funded by the Colorado General Assembly, Colorado Mountain College funds several grants and scholarships. The Colorado Mountain College Foundation administers many privately-funded scholarships available both on a campus-specific and multi-campus basis. Scholarships administered by the Colorado Mountain College Foundation, Inc. require a different application from the scholarships and awards funded by the state of Colorado. These scholarships are funded through the generous gifts of employees, staff members, family, friends, foundations, corporations and business and community partners. The awards are based on achievement, residency, financial need or career goals and do not have to be repaid.

Scholarships for full-time students require you to take a schedule of 12 semester credits or more each term you receive the award. Part-time students are those taking less than 12 credit hours per semester. Awards over $250 will be divided between two semesters.

Unless stated separately, application for the following Foundation Scholarships is available online, in the CMC Foundation Application publication, at any Colorado Mountain College Site or by calling the CMC Foundation at 800-621-8559 ext. 8355. Please use a separate application for each scholarship.

The Foundation Scholarship application deadline date is March 31, unless otherwise indicated. Award will be for the academic year following deadline date.

Online Scholarship Application for CMC Foundation Scholarships.

One of the easiest and fastest ways to apply for CMC Foundation Scholarships is to fill out a secure online application at: http://scholarships.coloradomtn.edu. This online application selects all of the necessary criteria

and pre-qualifies you for the scholarships you are eligible for.

You should have all your financial and identification information ready before beginning this process.

The online application generates a printer friendly HTML or PDF document for convenient mailing and allows you to save your search criteria in an account profile to use again the following year.

Filling out your application online also sends an immediate e-mail notification to the CMC Foundation that your application has been submitted. After submitting the online application, you will receive an e-mail with the contact information of your CMC and/or Foundation Financial Aid Representative.

State and Federal Scholarships, Grants, Loans and Work-Study

Colorado Mountain College, with funding provided by the Colorado General Assembly, offers a variety of scholarships and awards to recognize and assist students with exceptional academic ability and/or talent. Selection for these awards is not based on financial need. These awards are offered to students to encourage them to begin or continue their educational pursuits. Funds are limited and will be awarded on a first-come, first-served basis.

Multi-Campus Scholarships

Colorado Mountain College Scholarhsip

Eligibility. Colorado resident with a 3.75 or higher High School GPA, enrolled full-time at Colorado Mountain College.

Award Amount. The Colorado Mountain College Scholarship pays 12 semester credits of tuition and student activities fees, if applicable, to students classified as residents of the State of Colorado for tuition purposes. Failure to enroll full-time may result in cancellation of this award. Award notification for this scholarship begins in March and continues until funds are exhausted.

Application Process. The application may be obtained from a high school counselor or by contacting the Office of Admissions at any Colorado Mountain College campus. Funds are limited and application should be made as early as possible, preferably before your high school graduation. Priority deadline March 31st.

Colorado Mountain College Foundation Scholarships

This table gives a summary of privately-funded Colorado Mountain College scholarships and where they are offered. For more information about these scholarships go to http://scholarships.coloradomtn.edu

Scholarship Name	ALPINE CAMPUS	ASPEN CAMPUS	CHAFFEE COUNTY	RIFLE CAMPUS	ROARING FORK	SUMMIT CAMPUS	TIMBERLINE CAMPUS	VAIL-EAGLE VALLEY	MULTI-CAMPUS	COLLEGEWIDE
A David Allen Memorial Endowed Scholarship										●
Alpine Bank Latino/Hispanic Scholarship									●	
Alpine Campus Staff/Faculty Endowed Scholarship Fund	●									
Aspen Campus Staff/Faculty Endowed Scholarship Fund		●								
B Michelle Balcomb Memorial Endowed Scholarship										●
Lucy Bogue Memorial Scholarship	●									
Beaver Creek Resort Company Culinary Arts Scholar								●		
Breckenridge Associates Real Estate Company Scholarship Fund						●				
Everett Bristol Family International Endowed Scholarship	●									
Stanley, Terryl and Craig Brue Endowed Scholarship							●			
C Calaway Scholars					●					
Carbondale Union High School Alumnae Scholarship					●					
Central Services Staff Endowed Scholardship										●
Certified Nursing Assistant Scholarship					●					
Chaffee County Staff/Faculty Endowed Scholarship Fund			●							
Club Rotario Scholarship					●					
Colorado Mountain College Foundation Scholarship for Nursing					●					
Colorado Mountain College HERO Scholarship Program								●		
Colorado Mountain College Study Abroad Scholarship										●
David Alden Cooke Memorial Endowed Scholarship					●					
Culinary Arts Institute Scholarship							●			
D Judge and Mabelle Darrow Memorial Endowment Scholarship										●
Danielle Nicole DeKeyser Memorial Scholarship					●					
Stanley Dodson Scholarship Fund										●
E EnCana Oil & Gas (USA, Inc. Scholarship)				●						
F Feinzig Scholars					●					
Robert H. & Elizabeth Fergus Foundation Scholarship for Nursing					●					
First Mountain Bank of Leadville Endowed Scholarship							●			
FirstBank Community Endowed Scholarship									●	
G Florence Frampton Gazunis Nursing Scholarship					●					
Goodstein/Peterson Scholarship									●	
Vicki Lee Green Memorial Scholarship									●	

Scholarship Name	ALPINE CAMPUS	ASPEN CAMPUS	CHAFFEE COUNTY	RIFLE CAMPUS	ROARING FORK	SUMMIT CAMPUS	TIMBERLINE CAMPUS	VAIL-EAGLE VALLEY	MULTI-CAMPUS	COLLEGEWIDE
H John Hazard Memorial Endowed Scholarship								●		
Shirley and Richard Hunt Scholarship								●		
K Maurine and Max Kunze Memorial Scholarship										●
L Paul and Virginia Lappala Endowed Scholarship Fund				●						
R. Joan Lewis Memorial Endowed Scholarship				●						
Gavin D. Litwiller Endowed Scholarship in Law										●
Marge Lowderback Memorial Endowed Scholarship			●							
Stewart Bridge Luce Memorial Endowed Scholarship				●						
M Martin Family Endowed Scholarship										●
Mayer Family Endowed Scholarship										●
Merrill-Cutter Endowed Nursing Scholarship					●					
N Natural Resource Management Scholarship Endowment							●			
P Jason Pennington's Second Chance Award										●
Photography Scholarship					●					
Presidential Endowed Scholarship										●
R Rifle Campus Staff/Faculty Endowed Scholarship Fund				●						
Roaring Fork Campus Staff/Faculty Endowed Scholarship Fund					●					
Freda T. Roof Memorial Scholarship										●
Anna and David Rozenberg Memorial Scholarship					●					
S Dr. Armen Sarafian Scholarship										●
Jan Shugart Endowed Scholarship Fund					●					
Sky Club Science Scholarship Endowment	●									
Storm King 14 Memorial Endowed Scholarship									●	
Study Abroad Scholarship										●
Summit Campus Dean's Scholarship						●				
Summit Campus Health Sciences Scholarship						●				
Summit Campus Staff/Faculty Endowed Scholarship Fund						●				
T Pauline Taylor-Genova Nursing Scholarship					●					
Donald P. Thoren Pathways Endowed Scholarship										●
Timberline Campus Endowed Scholarship (Hix, Loewen, Bass & Friends)							●			
Timberline Campus Staff/Faculty Endowed Scholarship Fund							●			
V Vail-Eagle Valley Campus Staff/Faculty Endowed Scholarship Fund								●		
Vail Valley Foundation - Colorado Mountain College HERO Scholarship								●		
Valley View Hospital Auxiliary Memorial Scholarship					●					
W Weiss Family Timberline Campus Scholarship							●			
Weitz-Norris, LLC Scholarship Fund									●	
Wells Fargo Bank Community Scholarship										●
Matthew Wells Memorial Scholarship	●									
Western Slope Oncology Associates Scholarship										●
Jonathan Wright Memorial Endowed Scholarship					●					

Continuing Student Scholarship

Eligibility. Colorado residents and Colorado Mountain College students who have, through their academic record, demonstrated outstanding academic ability. Awards are made based on the student's hours completed and cumulative grade point average at Colorado Mountain College. Failure to enroll full-time may result in cancellation of this award.

Award Amount. Students classified as residents of the State of Colorado will receive an amount equal to tuition and student activities fees, if applicable, for 12 semester credits.

Application Process. All students who have completed at least 24 semester hours at Colorado Mountain College and were full-time (12 hours) during the spring or summer semester are encouraged to apply. You must enroll full-time to receive this award.

Transfer Scholarship

Eligibility. Intended for students who are new to Colorado Mountain College. Must have earned at least 20 semester hours of credit from higher education institutions other than Colorado Mountain College and not more than 20 semester credits through Colorado Mountain College. Transfer applicants must have at least a 3.0 grade point average on all college work attempted. Failure to enroll full-time may result in cancellation of this award.

Award Amount. The Transfer Scholarship pays full tuition and fees (based on 12 semester credits) for students classified as residents of the State of Colorado for tuition purposes and enrolled full-time.

Application Process. The application is available from any Colorado Mountain College campus or from the Financial Aid Office.

Grant Programs

These funds do not have to be repaid. Colorado Mountain College offers federal, state, and privately-funded grants.

Colorado Student Grant

These funds do not have to be repaid.

Eligibility. Demonstrate financial need.

Award Amount. Colorado Student Grant (CSG): $400 to $2000 per year.

Application Process. FAFSA (see the Financial Aid Application section).

Federal Grants: FSEOG and Pell Grants

These funds do not have to be repaid.

Eligibility. Demonstrate financial need.

Award Amount. Federal Pell Grant: $4050 maximum. Federal Supplemental Educational Opportunity Grant (FSEOG): $4000 maximum.

Application Process. FAFSA (see Financial Aid Application section). Contact our Office of Student Financial Aid for more detailed information concerning the application process. Some Pell Grant money may be available for students attending less than half-time.

Leveraging Educational Assistance Partnership (LEAP)

These funds do not have to be repaid.

Eligibility. Demonstrate financial need.

Award Amount. Leveraging Educational Assistance Partnership (LEAP): $200 to $2500 per year.

Application Process. FAFSA (see the Financial Aid Application section).

Richard C. Martin Grant

Funded by CMC. In the early 1960s, Dick Martin joined with others of his community to establish the Colorado Mountain College District. Once the college was established, Dick was elected to the Board of Trustees where he served for 14 productive years. When Dick retired from the board in 1984, his fellow board members established the Richard C. Martin Grant to help local young people pursue their education.

Eligibility. Student does not need to be a high school graduate but must have attended high school in the Colorado Mountain College District, meet in-district residency requirements and complete associate degree requirements at Colorado Mountain College within five years following initial enrollment at the college. Courses completed while the student is still enrolled in high school are not eligible for this grant. The student must complete a two-year degree program at Colorado Mountain College before he or she is eligible to receive the Richard C. Martin Grant to assist in completing the remaining two years of a baccalaureate degree at a four-year institution.

Award Amount. The grant amount is determined annually by the Board of Trustees and will approximate the cumulative amount of tuition paid by the student for credit received while attending Colorado Mountain College.

Application Process. The application for the Richard C. Martin Grant is available from any campus or center at the time of admission to Colorado Mountain College. The application may be completed at any time during the first semester in which you are enrolled and within two years of your high school graduation. Contact the Colorado Mountain College Financial Aid office for more information.

Loan Programs

Colorado Mountain College participates in numerous federal and state student loan programs, including the Federal Stafford loan and Federal Parent (PLUS) loan.

Federal Parent Loan (PLUS loan)

These funds must be repaid.

Eligibility. Parent's credit.

Award Amount. Cost of attendance minus estimated financial assistance.

Application Process. See the Financial Aid Application Process section.

Subsidized Federal Stafford Student Loan

These funds must be repaid.

Eligibility. Demonstrate financial need.

Award Amount. $2625 first year. $3500 second year.

Application Process. FAFSA (see Financial Aid Application Processes).

Unsubsidized Federal Stafford Student Loan

These funds must be repaid.

Eligibility. Not need-based.

Award Amount. $2625 first year. $3500 second year.

Application Process. FAFSA (see Financial Aid Application process). Separate loan application required for Stafford and PLUS loans. Contact our Office of Student Financial Aid for more detailed information concerning the application process.

Work-Study Programs

Work-study funds are funds are not applied toward tuition; they are paid to the enrolled student while employed by Colorado Mountain College. Here are two types of workstudy--Federal College Work-Study (FCWS) and Colorado Work-Study.

Federal College Work-Study (FCWS)

Eligibility. Demonstrate financial need (Some students who do not show financial need may qualify for the Colorado work-study program.)

Award Amount. Federal College Work-Study (FCWS): Students can earn $1500 to $3000 per year. Work-Study funds are not applied toward tuition.

Application Process. FAFSA (see above). The Immigration Reform and Control Act of 1986 requires College Work-Study students to provide documentation of employment eligibility. Contact the Office of Student Financial Aid to find out which documents you will be required to submit.

Colorado Work-Study Program

Eligibility. Demonstrate financial need (Some students who do not show financial need may qualify for the Colorado Work study program.)

Award Amount. Colorado Work-Study Program: Students can earn $1500 to $3000 per year. Work-Study funds are not applied toward tuition.

Application Process. FAFSA (see above). The Immigration Reform and Control Act of 1986 requires students to provide documentation of employment eligibility. Contact the Office of Student Financial Aid to find out which documents you will be required to submit.

Accessibility Services

This section describes the variety of methods we use to foster educational access and success at all Colorado Mountain College campuses. Accessibility, or supplemental, services are available to students with an identified physical or learning disability. These services include instructional support such as note taking, extended time or oral testing, proof of written work, interpreting, books on tape, and tutoring. Special equipment may be provided upon request. Please read the following section and contact the Special Populations Coordinator for assistance.

Requesting Accommodations for Special Needs

Colorado Mountain College is committed to providing access to everyone with the ability to benefit from a program of higher education. We empower students with disabilities to take responsibility for their education.

Services are available to meet your special needs and assist you in meeting your educational goals. These accommodations may include instructional support such as note taking, oral testing, proofing of written work, interpreting, books on tape, tutoring, and extended testing time. Special equipment may be provided as an accommodation.

To qualify for services, documentation of the disability should be on file with your local Disability Services Coordinator prior to enrollment. Individual accommodation will be determined from the documentation. You must turn in your Notification of Accommodation to all of your instructors at the beginning of each semester. With these accommodations, students are required to meet the academic standards of the college.

■ Alpine Campus: please contact Deb Farmer at 970-870-4450 for services.

■ Rifle, Aspen, and Roaring Fork Campuses: please contact Ida Burnaman at 970-947-8256 for services.

■ Timberline, Summit, and Eagle County Campuses: please contact Sandi Conner at 719-486-4200 for services.

College Libraries

This section summarizes the two primary library types and library services available at Colorado Mountain College.

Library Contact Information

- Alpine Campus Library, 970-870-4445
- Roaring Fork Campus Quigley Library, 970-947-8271
- Timberline Campus Library, 719-486-4250
- Virtual Library, 970-468-5989 or reference@coloradomtn.edu

Traditional Libraries

Colorado Mountain College has three traditional libraries located on residential campuses in Glenwood Springs, Leadville, and Steamboat Springs. It also has a Virtual Library which can be found at www.coloradomtn.edu/library/.

The three traditional libraries offer an extensive collection of books, journals, magazines, maps, government documents, and course reserves. They also offer a variety of services, including research assistance and the Interlibrary Loan service.

Additional information about the three traditional CMC libraries can be found at www.coloradomtn.edu/library/about.html.

Virtual Library

The Virtual Library offers 24/7 access to an extensive collection of online resources and services. You can conduct in-depth research, browse through a favorite magazine or read a book, all in the comfort of your home.

The Virtual Library collection offers everything from the *Journal of the American Medical Association* to the *Denver Post*; from *Skiing Magazine* to *Web Design in a Nutshell* and *Colorado's High Thirteeners: A Climbing & Hiking Guide*; and from *Encyclopedia Britannica* to career guidance resources.

The Virtual Library also offers a variety of online services, including research assistance, Interlibrary Loan service and research tutorials.

Counseling and Advising

This section describes the counseling and advising services available at Colorado Mountain College.

Career Planning

Counselors provide individual and group career counseling sessions. A variety of tests are offered to help you evaluate your interests, aptitudes and abilities. A comprehensive job information library is also available.

Career and Personality Guidance Testing

Student services staff use a variety of testing instruments to help you through the career/life planning process. The CHOICES system is available at most locations. This instrument measures and correlates interests, abilities, and values across various occupational categories. The Strong (Interest Inventory), Myers-Briggs (Personality Inventory), and COP System (Career Planning) are also offered at some locations. Contact your Student Services Counselor for more information.

Educational Advising

A successful education begins with advising. We strongly recommend that you seek out an advisor before registering to develop a meaningful and successful program of

Keeping the Rocky Mountain water clean with the Natural Resource management program.

study. Counselors and Faculty Advisors can introduce you to the full range of programs and services offered by Colorado Mountain College and tailor them to your educational and occupational goals.

It is also important to work closely with your Academic Advisor to ensure successful transfer of your credits to four-year institutions. Don't hesitate to ask a counselor, advisor or Special Populations Coordinator for help as questions arise.

Personal Counseling

Student Services Counselors are prepared to assist with personal problems. These counselors work with several professional agencies and will refer you to these agencies if necessary. All counseling relationships are strictly confidential.

Student Support Services

(SSS) is a federally-funded TRIO program designed to assist students who are low-income (with an income meeting federal guidelines for the program), who come from a family where neither parent has a baccalaureate four-year degree, and/or who have a documented disability.

The SSS program is available to students at our three residential campuses - Alpine (Steamboat Springs), Spring Valley (Glenwood Springs), and Timberline (Leadville).

The purpose of the program is to help students successfully complete their educational goals. The objectives of the Colorado Mountain College SSS program are to increase retention, graduation, and transfer rates for students enrolled in the program.

Some of the services available to students in achieving academic success include tutoring, career counseling, study and life skills workshops, transfer services, help finding and applying for appropriate financial aid, obtaining supplemental grant aid, and advocating on the student's behalf with faculty, staff, and other students.

Developmental Education Program

The Developmental Education Program is designed to help you get the most from your college education. The Program evaluates your academic aptitude and provides courses to develop your skills for college-level courses.

At the beginning of your first semester, you will be tested in math, reading and writing. If you fail to meet the competency levels established by the college, you must take developmental courses to give you the necessary skills to succeed in college.

College Preparation Curriculum

CMC courses are available to help you prepare for college-level work. Through these courses you can improve your skills in math, writing, reading and studying.

General Educational Development (GED) Test Preparation

If you don't have a high school diploma, you still have an opportunity to receive the high school equivalency diploma. The GED Test is offered every month throughout the college district, and we can help you prepare for it. To begin the GED preparation program, contact the Student Services staff at the location nearest you.

Learning Lab

If you find reading, writing, math, or study skills particularly challenging, the Learning Lab can help. After careful assessment, you will work at your own level to meet your personal educational goals. These goals can

include college preparation courses, working on your high school equivalency diploma (GED), refreshing your math or writing skills, or completing a report or project for other academic courses. In addition, you will find tutors and instructors who will work with you one-on-one or in a small group.

Placement & Assessment Program

This program assesses your skills in mathematics, writing, and reading. Through assessment you will be placed in classes that match your abilities. For more detailed information, see "Academic Placement and Testing."

Summer College Preparation Program

ASPIRE (Academic Summer Program In a Rocky Mountain Environment) is a four-week residential college preparation program offered at the Alpine Campus in Steamboat Springs.

ASPIRE is for the academically-underprepared student who is planning to enter college in the fall. The program uses an integrated format to deliver reading, writing, math, and study skills. The program is also experiential, with a number of field trips, outdoor activities, and guest speakers.

The goal of ASPIRE is to raise th e developmental placement level and/or place its participants into college-level courses at the end of the program. For more information contact please call 970-947-8289, or 800-621-8559 (x8289).

Student Health & Accident Insurance & Facilities

Insurance Coverage for Full-Time Students

Students enrolling in six or more credit hours at Colorado Mountain College are expected to have some type of health insurance coverage. We are pleased to be able to offer a comprehensive group health and accident insurance program for those who do not have their own coverage. Students and parents are encouraged to read the insurance brochure carefully to determine if this program meets their needs. Students who want to have the student health insurance coverage must enroll in the insurance program at the time of registration for the semester.

Alpine Campus
Student Wellness Center

CMC Alpine Campus Student Government provides the services of a Physician Assistant for students taking nine or more credit hours (fee paying students) free of charge. Students are seen on a walk-in basis - no appointment is necessary. Hours are posted at the Student Health Center, and are usually between 6 - 10 hours per week. A flu vaccine, typically free for full time students, is offered in the fall. The wellness center office is located in Willett Hall, Room 212. The phone number is 970-870-4495.

Testing Services

Check with your local CMC site for our Student Services Counselors. They will help you with your testing needs. The following section summarizes those services.

American College Testing (ACT)

The ACT is used as an entrance requirement by many colleges. All registration for ACT is handled through the ACT website at www.act.org.

Accuplacer Testing

If you have not taken a standardized test in some years, you are encouraged to seek assistance from your advisor or counselor for review options.

- The Accuplacer scoring process counts all unanswered items as incorrect.
- The Accuplacer test is not timed.
- A calculator is not to be used. On the higher-level math courses, a calculator will automatically appear when it is acceptable to use a calculator.

College-Level Examination Program (CLEP)

CLEP exams allow you to earn credit by examination. See the "Awarded vs. Earned Credit" section of this catalog for more information.

There are five General Examinations (English composition, humanities, mathematics, natural sciences, and history) and over 30 Subject Examinations. You may earn from one to six semester hours of credit for satisfactory scores on each exam. See your Student Services Counselor to discuss your CLEP options and associated fees.

General Educational Development (GED)

The GED exam consists of five tests (writing skills, social studies, science, reading and mathematics.)

After successfully completing the exam, you will receive a Colorado High School Equivalency Certificate from the State of Colorado Department of Education. In addition to preparing students for the GED, Colorado Mountain College offers a combination English as a Second Language (ESL) and GED preparation program at many campus locations. Check with your local CMC site to see if the GED in Spanish is given.

Law School Admissions Test (LSAT)

The LSAT is the standard exam required for admission to law school. It is offered once each year at the Roaring Fork Campus-Glenwood Center, usually in late fall.

Miller Analogies Test (MAT)

The Miller Analogies Test (MAT) is a high-level analytic ability test requiring the solution of problems stated as analogies. Most of the analogies on the MAT are verbal analogies, and a few are quantitative. The test consists of 100 partial analogies that are to be completed in 50 minutes.

Contact List of Educational Assesment Tests

The table below lists contact information for several educational assessment tests. Many of these are offered at a Colorado Mountain College location. Some of these tests are offered via computer.

Test	Registration Phone	Website
ACT*	319-337-1000	www.act.org
GED	CMC Counselor	www.coloradomtn.edu/contact.html
GMAT	609-771-7330	www.gmat.org
GRE	800-473-2255	www.gre.org
LSAT*	215-968-1001	www.lsat.org
PLACE	413-256-2885	www.place.nesinc.com
TOEFL	609-771-7100	www.toefl.org
SAT*	690-921-9000	www.sat.org
CLEP	CMC Counselor	www.collegeboard.org

*Hosted at a Colorado Mountain College location. Call testing organization or check their website for time and campus.

Retesting

Students may retest once per subject per semester and must provide documentation of review of subject matter prior to retesting, after a minimum waiting period of one day. The highest test score will be used. Please see your counselor for complete retest information.

Research on Colorado's assessment programs indicate that new students who follow assessment-related advice have a much higher chance of academic success than those who do not follow such advice.

Veterans Benefits

Using Veterans Benefits

Most degree programs offered through Colorado Mountain College are approved for veterans' educational benefits. To use your educational benefits, you must present a certified copy of the DD214 form to begin the application process. This form determines educational benefit eligibility.

Because the application and approval process takes an average of 60 to 90 days, come prepared to personally meet all educational and living expenses for at least three months. Veterans planning to enroll in a distance learning course must receive prior approval from a Colorado Mountain College counselor.

All students receiving assistance from the Veterans Administration and/or state funding agencies must comply with current regulations, including regulations related to satisfactory course progress, attendance, and reporting of previous educational training to the funding agency.

The Veterans Administration approves work experience courses for V.A. Educational Benefits only if the course is required of all students earning the specific degree or certificate. Please be sure to read the degree/certificate requirements carefully.

Residential Life
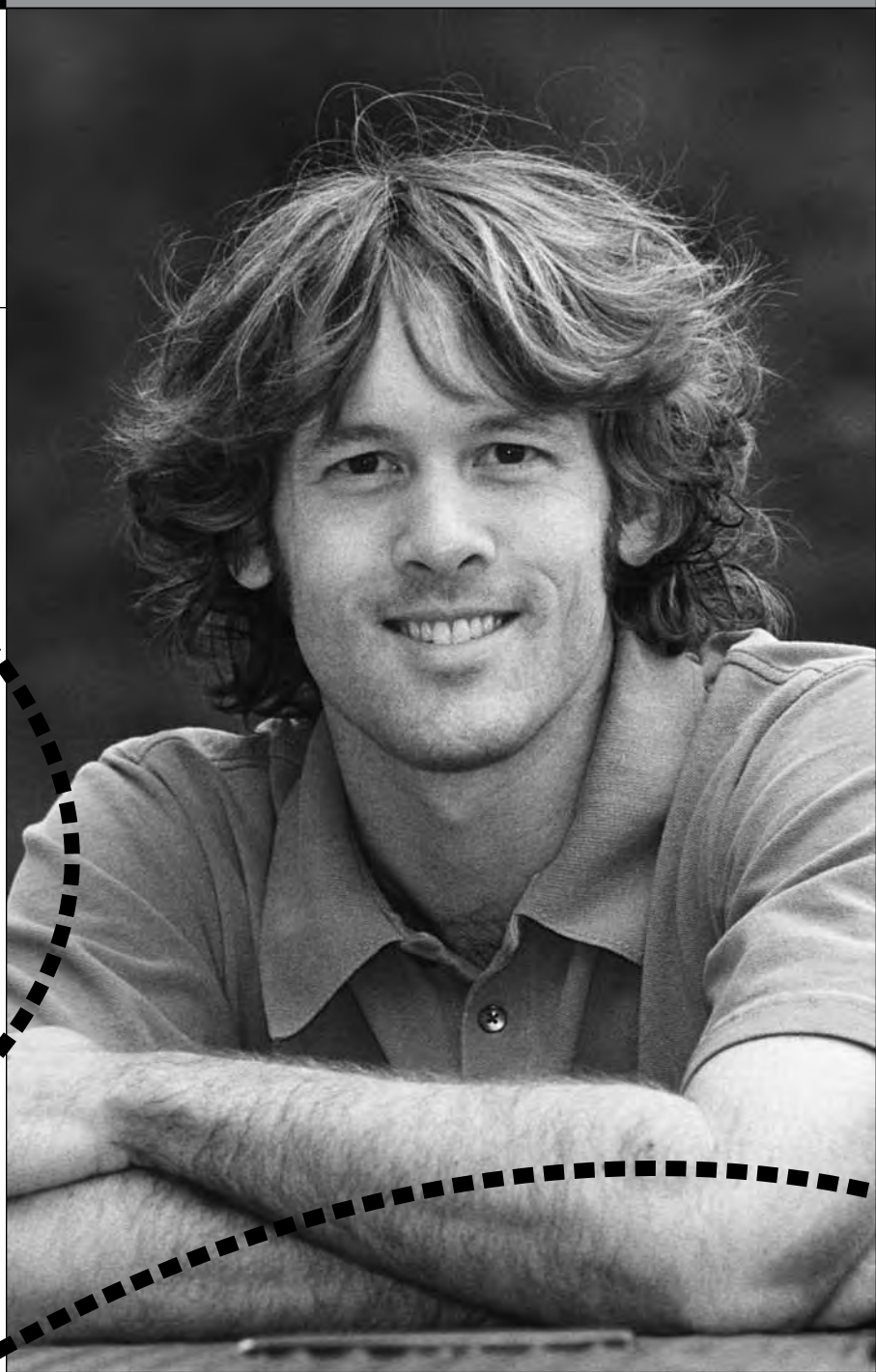
CHRIS GEERLINGS was involved in the Rock Star Club, and helped schedule activities for the Residence Hall Association. He transferred to The University of Colorado at Denver to complete a degree in International Affairs. After graduation he hopes to travel and volunteer abroad, probably in South America. He is also interested in working to promote alternative energy.

Residential life immerses you in educational and growth opportunities far beyond the classroom. On campus, you can form lifelong friendships, receive guidance from a professor or other mentor, participate in community activities and events, and much, much more.

The Residential Life chapter describes our three residential campuses, associated amenities and costs, and application processes.

Colorado Mountain College Residential Campuses

This section describes your choice of three Colorado Mountain College residential campus locations and associated amenities. Colorado Mountain College has three residential campuses in picturesque mountain towns. We encourage you to participate in campus residential life and enlarge your experience through human relationships, new ideas and cultural diversity. Each residential campus has trained staff members who plan activities and learning experiences for students living there.

Alpine Campus (Steamboat Springs)

Set just above the downtown area, this campus gives magnificent views of the town and the Steamboat ski area. Campus facilities include a library, computer laboratories, residence halls, student center, gymnasium, soccer field and cafeteria.

Each Hill Residence Hall room has its own bathroom and private shower, telephone line, cable hook-up and view of the Rocky Mountains. The community room is a common meeting area for programs, discussions and relaxing. Mailboxes, game and TV room, computer room, ski-tuning room, and laundry room are next to the community room.

Extensive resort facilities and other businesses provide an opportunity for students to combine classroom learning with cooperative work experiences. Interactive video conferencing equipment has expanded course offerings, allowing students to take classes taught by instructors at other campuses.

The area surrounding Steamboat Springs offers unlimited opportunities for downhill and cross-country skiing, rock climbing, whitewater boating, backpacking, fishing and hunting. Students learn additional outdoor skills through college-sponsored activities such as winter survival, desert camping and orienteering.

Alpine Campus is headquarters for the Colorado Mountain College Ski Team. In the past few years, the alpine ski team has produced several individual national champions and a national women's team title. Nordic and alpine teams compete in regional events with other colleges and universities. Visit the CMC Ski Team on the web at: http://www.coloradomtn.edu/campus_alp/clubs/skiteam/

The student government coordinates campus clubs and activities. In addition, students are invited to participate in community events and organizations such as the annual Winter

Alpine Campus above Steamboat Springs.

Carnival, Community Theater and the Steamboat Arts Council.

Part-time employment is available in the resort community and many students work while attending school.

A Ute Indian legend says that if you come here you will lose your heart to the valley and will never be able to stay away. Many people who work or attend school here have found the legend to be true. A visit to the Alpine Campus and Steamboat Springs will show you why.

Alpine Campus programs are listed in the Programs section.

Find out more on the Alpine Campus Web page: www.coloradomtn.edu/alpine.

Roaring Fork Campus–Spring Valley (Glenwood Springs)

The Roaring Fork Campus combines the resources and course offerings of three sites. The Spring Valley residential center, located seven miles from Glenwood Springs, offers expansive views of the Roaring Fork Valley from Mount Sopris to the Continental Divide above Aspen. It is is a comprehensive residential campus with a residence hall, food service, gymnasium, student center, classrooms, a working veterinary farm, and laboratories for computers, science, photography and graphic design. Local residents are welcome to use the large library.

The James C. and Connie L. Calaway Academic Building is the focus for learning at the Spring Valley Center. Faculty and staff offices are centrally located in the rotunda with a theatre/classroom auditorium nearby. Computer labs are located close to faculty offices for extra assistance. The Calaway Center also includes a large visual communications area with Professional Photography studio and labs, and Graphic Design workstations. The Jonathan Wright Gallery exhibits student work. Other rooms include science labs and classrooms for Nursing, Criminal Justice and Outdoor Education programs. The front windows frame inspiring views of the Elk Mountains.

The residence hall opened in the fall of 1997. Each room has its own bathroom and private shower, telephone line, cable hook-up, internet access and view of the Rocky Mountains. The community room is a common meeting area for programs, discussions and relaxing.

Mailboxes, game and TV room, computer room and laundry room are next to the community room.

This campus also offers many opportunities for outdoor education. Surrounded by the White River National Forest, Spring Valley is close to three wilderness areas, some of the world's finest Alpine and Nordic skiing, hiking, camping, rafting and wilderness. The nearby Sunlight ski area offers excellent, low-priced downhill skiing 35 minutes from campus.

Students at Spring Valley enjoy a full schedule of films, dances, theater productions, entertainment and speaker forums. A wide range of clubs and organizations give students a chance to become involved in special interests outside the classroom. Campus clubs and organizations include: drama, mountain recreation, ski & snowboarding, photography, Phi Theta Kappa Honor Society, nursing and visual arts.

Students compete in intramural softball, soccer, volleyball, flag football and basketball. Climbers compete on the climbing and bouldering walls in the gymnasium. The Gates Soccer Park offers five soccer/athletic fields on campus. A challenge course and disc golf course wind through the nearby pinion forest.

Students from Spring Valley often choose to take additional classes at the centers in Carbondale and Glenwood Springs. These non-residential facilities emphasize education for local residents. Together with Spring Valley, these centers are linked together under the name "Roaring Fork Campus." The programs at these sites expand the offerings for Spring Valley students to include courses in dance, exercise, computers, business-related topics, as well as additional degree and certificate programs. Interactive video conferencing equipment has expanded course offerings still further, allowing students to take classes taught by instructors at distant campuses.

In addition to natural attractions, the Roaring Fork Valley offers an unusual array of arts and cultural organizations, community theater, dance, summer festivals and galleries.

Find out more on the Spring Valley Web page: www.coloradomtn.edu/springvalley.

Spring Valley Campus requires all new residence hall students to enroll in the three credit Advanced Academic Achievement

Spring Valley, overlooking the Maroon Bells-Snowmass wilderness.

(AAA 109) course, and to pay appropriate tuition. This course is required because it increases the potential for students to be successful in college. Students will be exempt who transfer in with 12 or more college credits completed with a "C" grade or better.

Roaring Fork Campus-Spring Valley programs are listed in the Programs section.

Timberline Campus (Leadville)

As you walk across Leadville's Timberline Campus you can look over the valley to Colorado's highest peaks looming out of the Continental Divide. In the evening, deer often feed at the edge of the thick pine forest bordering campus.

Timberline Campus was one of the two original Colorado Mountain College campuses opened in 1967. The student body is a mix of local residents and students from throughout the United States and several foreign countries.

Facilities at the Timberline Campus include a library and learning center, science and computer laboratories, newly-remodeled student center, cafeteria, residence hall and classrooms. Interactive video conferencing equipment has expanded course offerings, allowing students to take classes taught by instructors at other campuses.

The New Discovery Academic Center houses classrooms, science labs, computer labs, a two-story Natural Resource Management greenhouse, art studios, campus bookstore, faculty and staff offices and three "smart classrooms" fully wired with advanced, interactive technology.

Each Mountain View Residence Hall room has its own bathroom and private shower, telephone line, cable hook-up and view of the Rocky Mountains. The community room is a common meeting area for programs, discussions and relaxing. Mailboxes, game and TV room and laundry room are next to the community room.

Student activities include dances, concerts, films, mountain bike races and skiing events. A 20-station fitness trail, 18 holes of disc golf and eight kilometers of cross-country ski trails are available on campus for students. This is one of the few campuses in the country with an ice-climbing wall.

Beginning and ending on campus, the Mineral Belt Trail provides 12.5 miles of mountain biking and skiing through forest and Leadville's historical mining district. Ski Cooper is 15 minutes away, and eight major ski areas are within a one-hour drive of campus.

Many of the programs at the Timberline Campus are designed to take advantage of the natural environment. In addition to transfer programs, the campus is noted for the Ski Area Operations program which uses nearby Ski Cooper as its lab, and the Natural Resource Management program which specializes in aquatic and terrestrial resource evaluation, management and restoration.

Outdoor education courses, open to all students, provide the background needed to develop good judgment, safe operation, and a solid educational base for leading groups in the field. The Outdoor Semester in the Rockies and Outdoor Recreation Leadership

Timberline Campus, surrounded by some of Colorado's highest peaks.

programs blend the best of outdoor adventure with the disciplines of college education.

Timberline Campus also hosts summer conferences and institutes attracting participants from Colorado and around the country.

Find out more on the Timberline Campus Web page: www.coloradomtn.edu/timberline

Timberline Campus programs are listed in the Programs section.

Food Service Choices and Costs

A variety of food service options are available at all three residential campuses. When you live in college housing, you will automatically participate in the food service program. Others may purchase food services through a meal program or a la carte. All three campuses offer a flexible selection of meal plans to suit your schedule and appetite.

2006–2007 Food Service Costs are:

Campus	Meals	Cost
Alpine	19	$1600
Roaring Fork Spring Valley	23	$1700
Roaring Fork Spring Valley	19	$1600
Roaring Fork Spring Valley	14	$1500
Timberline	19	$1600

Housing Choices and Costs

All of our residence halls are modern and comfortable, with high speed Internet access and private bathrooms. As long as you apply early, you will have an opportu-

nity to choose or specify your ideal roommate and living situation, possibly even a single room. (Subject to availability.)

2006–2007 housing rates per semester for student housing at Alpine, Timberline and Spring Valley campuses are:

Occupancy	Costs
Single	$2600
Double	$1700

Housing Applications and Deposits

To live in college-owned housing facilities, you must submit both the housing reservation form and the required deposit to the appropriate campus housing office to reserve space in the residence hall. Housing is limited and can fill quickly. If you plan to live on one of these campuses, it is in your best interest to apply for admission early to allow time to receive, complete, and return the housing reservation form and $300 deposit.

Housing reservation forms are mailed following all letters of acceptance to applicants for the Alpine (Steamboat Springs), Timberline (Leadville) and Spring Valley (Glenwood Springs) residential campuses. Your housing reservation form must be accompanied by a $300 deposit.

Alpine and Timberline Campuses require all new students under age 21 to live on campus in the residence halls during the first year. This is designed to assist your transition to college and increase your chances for success. Some exemptions apply to local students, those who have completed

military service and students who have successfully completed a full year of college. Contact your campus Student Services staff or Central Admissions for details.

Spring Valley requires all new residence hall students to enroll in the three credit Advanced Academic Achievement (AAA 109) course, and to pay appropriate tuition. This course is required because it increases the potential for students to be successful in college. Students will be exempt who transfer in with 12 or more college credits completed with a "C" grade or better.

Further housing information is described in the Housing Costs section.

Residence Hall Hardware Requirements

Double occupancy rooms provide two Ethernet connections to the Colorado Mountain College network and to the Internet. Here are the minimum hardware requirements to connect. Only computers meeting these specifications can be connected to the network and the Internet.

IBM compatible.
- Pentium class III or higher.
- At least 128 MB of memory.
- 20 GB or larger hard drive.
- Windows 2000 or XP
- Current Virus software
- Complete set of diskettes or a CD ROM containing the operating system, as provided by the manufacturer.

Macintosh machines.
- Any G3, I Mac or newer system, with Ethernet 10/100 rj-45 built-in or adapter.
- No less than operating system OS9.
- Complete set of diskettes or a CD-ROM containing the operating system, as provided by the manufacturer.
- Ethernet cards. An 10/100 Ethernet card must be installed in your computer.

Intercollegiate action at Gates Soccer Park.

Programs
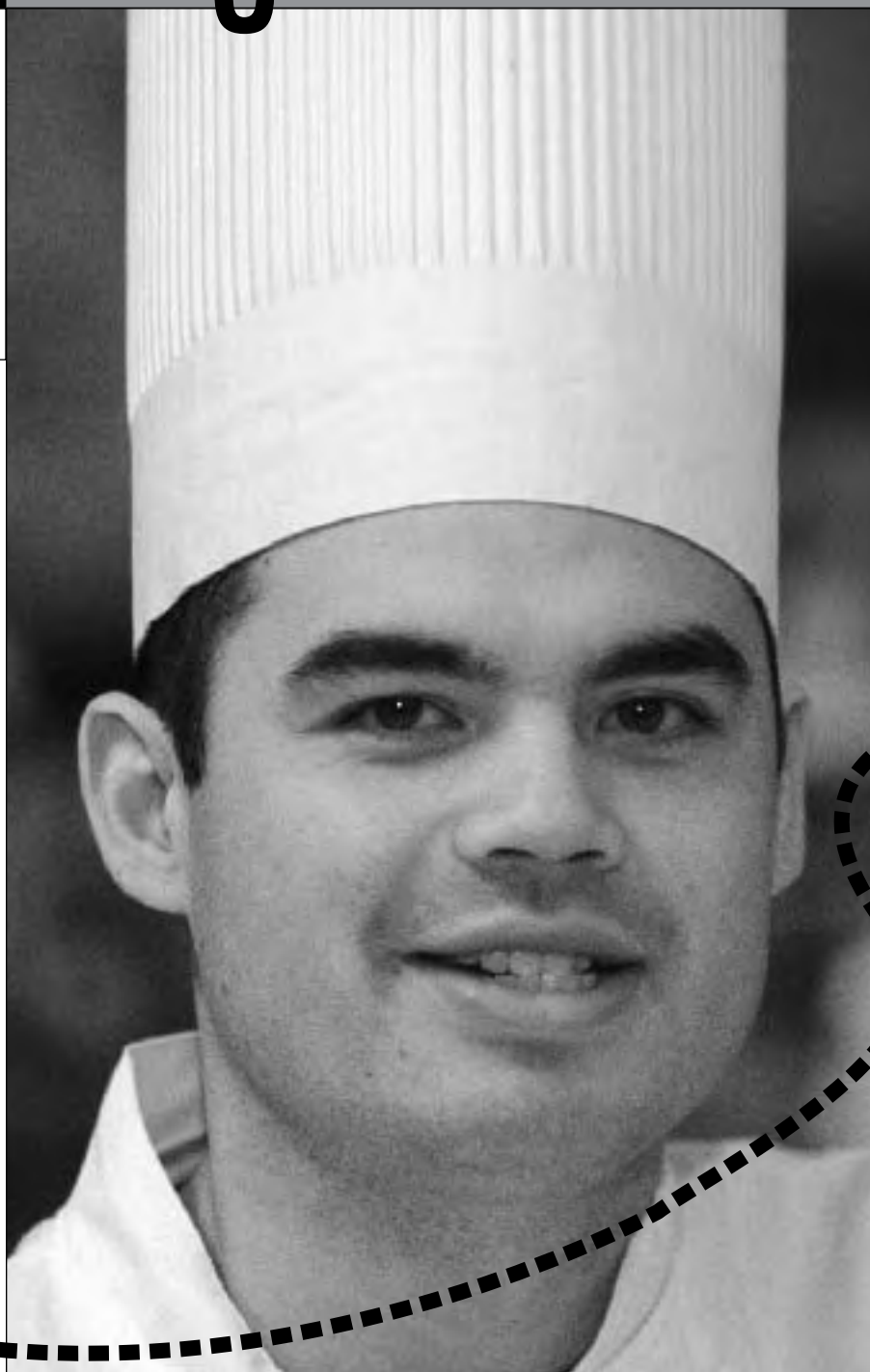
STEVE NGUYEN was part of the Colorado Mountain College Culinary Team that won back-to-back Junior Culinary state championships. With the Culinary Arts program he traveled throughout Europe and the US. He was named Apprentice of the Year, and quickly rose through the ranks at the Keystone Conference Center to become banquet chef, the second in command.

Whether your academic goal is to transfer to a four-year school or upgrade your technical job skills, Colorado Mountain College degree and certificate programs are designed to challenge and prepare you for greater educational and professional success.

The Degree and Certificate Programs chapter summarizes all of our current degree and certificate offerings including locations and degree planning checklists to help you plan your course of study semester by semester.

Where Our Programs are Offered

The table on page 37 summarizes our certificate and degree programs and the location and delivery methods for each.

Planning Your Degree

The Associate of Arts and Associate of Science degrees give you a solid, affordable start before transferring to a four-year college. All of the Colorado Mountain College Associate of Arts (AA) and Associate of Science (AS) degrees are designed to satisfy the lower division requirements of a four year Bachelor's/baccalaureate degree. After you transfer to a four-year college or university you may concentrate in a major area of study during your junior and senior years.

See the Moving On section of this document for details on transferring your credits to four-year colleges and universities.

CMC's AA and AS degrees provide foundational traditional liberal arts education. Studies include the humanities, social sciences, communication, mathematics and science. The liberal arts develop critical and analytic skills demanded by constantly changing social and work environments.

The Associate of Arts degree is offered at all campuses. The Associate of Science degree is offered at all campuses except Aspen.

We also offer the Associate of General Studies (AGS) degrees for students whose needs are not met by our other degrees. You may design the Associate of General Studies degree to fit your personal needs, upgrade job skills or prepare for professional school. The degree has a large Colorado Guranteed Transfer Curriculum requirement. Several options allow you to take specialized transfer programs. While earning the Associate of General Studies Degree you can emphasize Bilingual Elementary Education, Criminal Justice, Engineering or Outdoor Leadership and transfer most of the credits earned to one or more four-year schools that have majors in these areas.

Degree & Certificate Descriptions & Checklists

The degree and certificate requirements include a course checklist for graduation planning. Use this list with your advisor to check off each requirement as you complete it. This process will help you avoid any confusion or disappointment as you work toward your degree.

Please be sure to submit a Petition for Graduation during your last semester in order to receive your diploma. See the Graduation section of this document for more details.

Transferability Symbols. Because we want you to take your learning experience with you, the Colorado Mountain College Catalog and Class Schedules use two symbols to designate course transferability.

The lock symbol (🔒)designates courses that are part of the approved State Guaranteed General Education Transfer Course list. The complete list of these general education courses is available on the Colorado Commission of Higher Education web site at: http://www.state.co.us/cche/gened/gtpathways/index.pdf.

The asterisk (✱)symbol designates courses that apply to the CMC AA/AS/AGS degree, and that satisfy program-specific transfer agreements for the business, engineering, and elementary education programs.

General Education Philosophy.

General education benefits students by encouraging them to acquire the intellectual tools, knowledge, and creative capabilities necessary to be able to study the world as it is, as it has been understood, and as it might become. General education prepares students for fulfilled lives as educated persons and effective contributors to a democratic society. To develop a breadth of knowledge, general education courses acquaint students with the methods of inquiry of the various academic disciplines and the different ways these disciplines view the world. Effective general education helps students act ethically and responsively, and develops habits of critical thinking and action, intellectual sophistication, and an orientation to learning and investigation that will become lifelong.

Guaranteed General Education Transfer Degree Competencies.

As a result of taking the Colorado Guaranteed General Education courses and other courses comprising the AA and AS degrees, students are expected to demonstrate competency at an adequate level according to criteria for each outcome in the following areas:

Reading. Students should be able to read critically and thoughtfully.

Communication (written and oral). Students should be able to write and speak clearly and concisely to send and respond effectively to communications for varied audiences and purposes.

Mathematics. Students should be able to use mathematical methods, reasoning, and strategies to investigate and solve problems.

Scientific reasoning. Students should be able to apply the scientific method to investigate natural phenomena.

Critical Thinking. Students should be able to critically examine issues and ideas and to identify good and bad reasoning in a variety of fields with differing assumptions, contents, and methods.

Technology (computer literacy). Students should be able to apply contemporary forms of technology to solve problems or compile information.

Social Sciences. Students should be able to demonstrate a broad foundation of social science knowledge and apply it to contemporary problems and issues including their historical frameworks.

Interpersonal and group interaction. Students should be able to interact effectively with individuals and within peer, work, social, and cultural groups.

Aesthetic responsiveness. Students should be able to articulate a personal response to the aesthetics in given contexts.

Colorado Mountain College Campuses	PAGE #	ALP	ASP	RF	RFL	SUM	TMB	VEV
Associate of Arts degree (AA)	38	•	•	•	•	•	•	•
Associate of Science degree (AS)	50	•		•	•	•	•	•
Associate of General Studies degree (AGS)	59	•	•	•	•	•	•	•
Art								
Creative Arts (CC)	99		•					
Graphic Design (AAS, C)	81			•				
Graphic Design for Internet (C)	83			•				
Visual Art (AA)	48	•	•	•		•		
Business								
Accounting (AAS, C)	68	•	•	▲•	•	•	•	•
Business (AA, AAS, C)	41	•	•	▲•	•	•	•	•
Golf Club Management (AAS)	80	•						
Office Administration (AAS,C)	89			•	•	•		
Real Estate (C)	92	•	•		•	•		•
Resort Management (AAS) (C)	93	•						
Ski & Snowboard Business (AAS, C)	96	•						
Construction/Trades								
Automotive Service Technology (C)	70							•
Electrician Apprenticeship (C)	75				▲	▲	▲	•
Culinary Arts								
Culinary Arts (AAS)	73					•		•
Environmental Studies								
Natural Resource Management (AAS)	86						•	
Geographic Information Systems (C)	80						•	
Graphic Design & Photography								
Graphic Design (AAS, C)	81			•				
Graphic Design for Internet (C)	83			•				
Professional Photography (AAS)	91			•				
Information Technology & Web Development								
A+ Computer Technician (C)	83		•	•		•		•
CISCO Certified Network Associate (C)	83			•		•		▲
CISCO Certified Network Professional (C)	84			•				
Home Technology Integration (C)	84	▲	▲	•	▲	▲	▲	▲
Information Security Specialist (C)	84	▲	▲	▲	▲	▲	▲	•
Information Technology (AAS)	83		•	•		•		•
Microsoft Office® Specialist (C)	84					•		•
Server + (C)	85			•				
Web Application Developer (C)	85							▲
Website Developer (C)	85							•

Colorado Mountain College Campuses	PAGE #	ALP	ASP	RF	RFL	SUM	TMB	VEV
Law Enforcement & Emergency Services								
CLETA: Colorado Law Enforcement Training Academy (C)	72			•		•		
Criminal Justice degree (AGS)	64						•	
EMT-Paramedic (AAS, C)	76							•
Emergency Medical Technician (EMT) (C)	77	•	•	•	•	•	•	•
Fire Academy I (C)	79			•			•	•
Fire Academy II (C)	79						•	•
Fire Science Technology (AAS)	79					•		•
Wilderness EMS (C)	78					•		
Nursing								
Nurse Aide Training (C) (CNA)	87	•		•			•	•
Practical Nursing (LPN) (C)	87			•				
Nursing: Associate Degree in Nursing (ADN) (AAS)	88			•				
Outdoor Studies								
Natural Resource Management (AAS)	86						•	
Outdoor Education (AA, CC)	46	•		•		•		•
Outdoor Recreation Leadership (AGS)	66						•	
Outdoor Semester in the Rockies (CC)	102						•	
Ski Area Operations (AAS)	94						•	
Sciences								
Biology (AS)	53	•		•				
Chemistry (AS)	54	•		•				
Community College Engineering (AAS)	63	•						
Physics (AS)	37	•						
Ski & Resort								
Professional Fly Fishing Guide (CC)	100						•	
Golf Club Management (AAS)	80	•						
Resort Management (AAS, C)	93	•						
Ropeway Maintenance Technician (C)	94	▲	▲			▲	•	▲
Ski & Snowboard Business (AAS, C)	96	•						
Ski Area Operations (AAS)	94						•	
Teaching								
Bilingual Elementary Education (AGS)	37			•				
Early Childhood Director or Group Leader (C)	75	•			•	•	•	•
Early Childhood Education (AA, AAS)	74	•	▲	▲	•	•	•	•
Elementary Education (AA)	44			•	•			
Outdoor Education (C)	46	•		•		•	•	•
Outdoor Recreation Leadership (AGS)	66						•	
Veterinary Technology								
Veterinary Technology (AAS)	97			•				
Animal Shelter Management (C)	69			•				

LOCATION
ALP Alpine Campus (Steamboat Springs)
ASP Aspen Campus
RF Roaring Fork Campus (Carbondale, Glenwood Springs & Spring Valley Centers)
RFL Rifle Campus
SUM Summit Campus (Breckenridge & Dillon)
TMB Timberline Campus (Buena Vista & Leadville Centers)
VEV Vail-Eagle Valley Campus

DEGREE OR CERTIFICATE
AA Associate of Arts
AS Associate of Science
AGS Associate of General Studies
AAS Associate of Applied Science
C Certificate *(One year or less)*
CC Certificate of completion *(Not a state-approved certificate, although some courses may transfer.)*
▲ Program offered primarily via distance learning

Programs

Associate of Arts Degrees

The Associate of Arts degree program offers a liberal arts education that includes the Colorado State Guaranteed General Education Curriculum. This Curriculum includes a minimum of one year of course work in communications, humanities, social sciences, mathematics and science. In addition to these required disciplines, we encourage you to explore a broad range of subjects through elective course work in the fine arts, behavioral sciences, natural sciences and mathematics, literature, business and humanistic studies.

The Associate of Arts Degree program is offered at all Colorado Mountain College campuses.

To be accepted into the Associate of Arts program you must demonstrate college level proficiency through ACT/SAT scores, college transcripts or placement tests. Inadequate skills in reading, writing and mathematics may require you to enroll in developmental studies courses before enrolling in courses required for the degree. This could affect the sequence in which you can take courses and may extend the time required to earn your degree. For more details please see Academic Placement and Testing. See Scholarships and Awards for scholarship opportunities related to this program.

Roaring Fork Campus Spring Valley Center requires all new residence hall students to enroll in the three credit Advanced Academic Achievement (AAA 109) course, and to pay appropriate tuition. This course is required because it increases the potential for students to be successful in college. Students will be exempt who transfer in with 12 or more college credits completed with a "C" grade or better.

Associate of Arts Degree Requirements.

Completion of the degree requires taking at least 60 credits from among courses numbered 100 through 299 which are designed for transfer.

State Guaranteed General Education Curriculum courses are designated by a padlock (🔒) icon. An asterisk (✱) icon denotes courses which apply to the Associate of Arts and

Our testing services can help you succeed at any level.

Associate of Science degrees, and are generally transferable to other Colorado public universities and colleges. Colorado public four-year higher education institutions will honor the full transfer of an Associate of Arts (AA) degree earned at Colorado Mountain College. When you earn an Associate of Arts degree at Colorado Mountain College, completing the state guaranteed general education courses with a grade of C- or better in each course applied to the degree, you will transfer with 60 credit hours toward a baccalaureate degree into any arts and science degree program offered by a Colorado public four-year college.

You must earn 45 credits at Colorado Mountain College or, if transferring previous credits, at least 15 credits at Colorado Mountain College immediately preceding graduation. No more than six credits numbered 175 or 275 (Special Topics), 186 or 286 (Work Experience/Internships) may be applied toward graduation.

You should be able to complete your Associate of Arts degree program in no more than 60 credit hours and your baccalaureate (four-year) degree in no more than a total of 120 credit hours, unless there are additional degree requirements recognized by the Colorado Commission on Higher Education or by the receiving institution. This means that if you complete your Associate of Arts

degree at Colorado Mountain College, you can complete your four-year degree with the same number of credits as students who began at the receiving institution. If you have received credit for prior learning, Advanced Placement, or correspondence courses, this will be reviewed by receiving institution.

You must complete the entire AA degree to guarantee transfer of any course not on the State Guaranteed curriculum. Transfer of courses marked by the asterisk (✱) icon is probable but not guaranteed. Please check the requirements of the receiving institution.

AA Degree Descriptions and Checklists.

The Associate of Arts degree includes several options described in the following section. Use each of the degree checklist pages as a graduation checklist with your advisor, filling in each credit as you earn it. This will help you avoid any confusion or disappointment as you work toward completing your degree. Ask your advisor to review and initial this form each time you meet.

See the section on Financial Aid and Scholarships for available funds for this degree.

STUDENT NAME	
ADVISOR	Date

Associate of Arts. The Associate of Arts degree includes several options selected from courses listed below. Use this page as a graduation checklist with your advisor, filling in each credit as you earn it. By finishing your AA degree requirements before transferring to a public four-year institution in Colorado, you may expect, upon acceptance, to transfer 60 credits and enter the four-year institution with junior standing. In liberal arts & science majors, you will be able to finish a BA degree with 60 additional credits at the transfer institution. As an example, if you complete the AA degree program with 38 credits of state-guaranteed general education credits, all of your course credits (up to 60 hours) that applied to your degree requirements at Colorado Mountain College will be guaranteed to transfer, upon acceptance, to a four-year college or university.

If you do not finish the full 60 credit AA degree then non-state guaranteed general education courses (✳ courses) may transfer on a course by course basis. This decision is at the discretion of the receiving institution, please see your advisor. If you change your major between two liberal arts programs, the same general education guarantee applies, however, students who change their major after the first 60 hours accept the responsibility that this decision may require additional courses. This will help you avoid any confusion or disappointment as you work toward completing your degree. Ask your advisor to review and initial this form each time you meet.

See the section on Scholarships and Awards for scholarship opportunities related to this program. For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 37.

State Guaranteed General Education Requirements
(35 credits minimum, plus 3 credits of Speech required)

Communication 9 credits.

GRADE/SEM	COURSE #			CREDIT
_____	🔒 ENG 121	English Composition I		3
_____	🔒 ENG 122	English Composition II		3
_____	✳ SPE 115	Public Speaking		3
	OR			
_____	🔒 SPE 125	Interpersonal Communication		3

Mathematics 3, 4, or 5 credits from the following courses

_____	🔒 MAT 120	Math for Liberal Arts	4
_____	🔒 MAT 121	College Algebra	4
_____	🔒 MAT 122	College Trigonometry	3
_____	🔒 MAT 123	Finite Mathematics	4
_____	🔒 MAT 125	Survey of Calculus	4
_____	🔒 MAT 135	Introduction to Statistics	3
_____	🔒 MAT 166	Pre-Calculus	5
_____	🔒 MAT 201	Calculus I	5
_____	🔒 MAT 202	Calculus II	5

Physical and Life Science 8 credits from the following courses

_____	🔒 AST 101	Astronomy I	4
_____	🔒 AST 102	Astronomy II	4
_____	🔒 BIO 105	Science of Biology	4
_____	🔒 BIO 111	General College Biology I	5
_____	🔒 BIO 112	General College Biology II	5
_____	🔒 BIO 201	Human Anatomy and Physiology I	4
_____	🔒 BIO 202	Human Anatomy and Physiology II	4
_____	🔒 BIO 204	Microbiology	4
_____	🔒 CHE 101	Introduction to Chemistry I	5
_____	🔒 CHE 102	Introduction to Chemistry II	5
_____	🔒 CHE 105	Chemistry in Context	5
_____	🔒 CHE 111	General College Chemistry I	5
_____	🔒 CHE 112	General College Chemistry II	5
_____	🔒 GEY 111	Physical Geology	4
_____	🔒 GEY 121	Historical Geology	4
_____	🔒 MET 150	General Meteorology	4
_____	🔒 PHY 105	Conceptual Physics	4
_____	🔒 PHY 111	Physics: Algebra- Based I with Lab	5
_____	🔒 PHY 112	Physics: Algebra-Based II with Lab	5
_____	🔒 PHY 211	Physics: Calculus-Based I with Lab	5
_____	🔒 PHY 212	Physics: Calculus-Based II with Lab	5

Arts & Humanities 3 courses (9 credit hours). Select three courses, with no more than two courses from any one category.

Arts (GT-AH1)

_____	🔒 ART 110	Art Appreciation	3
_____	🔒 ART 111	Art History I	3
_____	🔒 ART 112	Art History II	3
_____	🔒 FRE 211	French Language III	3
_____	🔒 GER 211	German Language III	3
_____	🔒 GER 212	German Language IV	3
_____	🔒 ITA 211	Italian Language III	3
_____	🔒 ITA 212	Italian Language IV	3
_____	🔒 JPN 211	Japanese Language III	3
_____	🔒 JPN 212	Japanese Language IV	3
_____	🔒 RUS 211	Russian Language III	3
_____	🔒 RUS 212	Russian Language IV	3
_____	🔒 SPA 211	Spanish Language III	3
_____	🔒 SPA 212	Spanish Language IV	3
_____	🔒 MUS 120	Music Appreciation	3
_____	🔒 MUS 121	Introduction to Music History I	3
_____	🔒 MUS 122	Introduction to Music History II	3
_____	🔒 THE 105	Introduction to Theatre Arts	3
_____	🔒 THE 211	Development of Theatre I	3
_____	🔒 THE 212	Development of Theatre II	3

Programs

Associate of Arts Degree

Literature & Humanities (GT-AH2)

_____ 🔒 HUM121	Early Civilizations	3
_____ 🔒 HUM122	From Medieval to Modern	3
_____ 🔒 HUM123	The Modern World	3
_____ 🔒 LIT 115	Introduction to Literature I	3
_____ 🔒 LIT 201	Masterpieces of Literature I	3
_____ 🔒 LIT 202	Masterpieces of Literature II	3
_____ 🔒 LIT 205	Ethnic Literature	3
_____ 🔒 LIT 211	Survey of American Literature I	3
_____ 🔒 LIT 212	Survey of American Literature II	3
_____ 🔒 LIT 221	Survey of British Literature I	3
_____ 🔒 LIT 222	Survey of British Literature II	3

Ways of Thinking (GT-AH3)

_____ 🔒 PHI 111	Introduction to Philosophy	3
_____ 🔒 PHI 112	Ethics	3
_____ 🔒 PHI 113	Logic	3

Social & Behavioral Sciences 3 courses (9 credit hours). Select 3 courses, 1 of which must be history, with no more than 2 courses from any 1 category

History (GT-HI1)

_____ 🔒 HIS 101	History of Western Civilization I	3
_____ 🔒 HIS 102	History of Western Civilization II	3
_____ 🔒 HIS 201	United States (U.S.) History I	3
_____ 🔒 HIS 202	United States (U.S.) History II	3
_____ 🔒 HIS 247	Contemporary World History	3

Economic & Political Systems (GT-SS1)

_____ 🔒 ECO 201	Principles of Macroeconomics	3
_____ 🔒 ECO 202	Principles of Microeconomics	3
_____ 🔒 POS 105	Introduction to Political Science	3
_____ 🔒 POS 111	American Government	3

Geography (GT-SS2)

_____ 🔒 GEO 105	World Geography	3
_____ 🔒 GEO 106	Human Geography	3

Human Behavior & Social Systems (GT-SS3)

_____ 🔒 ANT 101	Cultural Anthropology	3
_____ 🔒 ANT 111	Physical Anthropology	3
_____ 🔒 PSY 101	General Psychology I	3
_____ 🔒 PSY 102	General Psychology II	3
_____ 🔒 PSY 235	Human Growth and Development	3
_____ 🔒 SOC 101	Introduction to Sociology I	3
_____ 🔒 SOC 102	Introduction to Sociology II	3

Wellness Requirements Transfer Level (A): PED/OUT/HSC/DAN/ HWE100 or 111: 2 credits.

_____

_____

_____

_____

Colorado Mountain College Requirements:

Colorado Mountain College requires its graduates to be proficient in computer use. To graduate, a student must demonstrate proficiency via an examination administered by the college, or take CIS115 or CIS118. If you take the course it will be applied to the elective credit within the degree.

Electives

20 credits from courses numbered 100-299; Guaranteed transfer (L) or, General Transfer (A) in the Course Description section and CIS 115 or CIS 118 if required. No PED 100-249 or PED 275 courses allowed for this requirement:

_____

_____

_____

_____

_____

_____

Total Elective Credits (min. 20)   _____

Approved Transfer Credit

_____

_____

_____

_____

Total transfer credits allowed   _____

Total Credits Earned: (minimum 60)

State Guaranteed General Education Requirements (min. 35)	_____
SPE 115 or SPE 125 (3 credits)	_____
Wellness Requirement (min. 2)	_____
Electives (min. 20)	_____
Total transfer credits allowed	_____
Total credits toward Associate of Arts degree (min. 60)	_____

STUDENT NAME	
ADVISOR	Date

Associate of Arts: Business Emphasis. This program is designed for students who wish to transfer to a school of business at a public institution in Colorado.

The Colorado Statewide Business Articulation Agreement ensures that a student who completes the degree requirements for an Associate of Arts degree with an emphasis in Business and earned a C- or better in all courses shall be fully considered for admission into the business programs offered by the participating four-year public colleges in Colorado. Under this agreement, if offered admission, you will enter with a junior standing in the school of business, and will only be required to take 60 more credits to earn your bachelor's degree.

Students who do not fully complete the AA Business degree requirements will be evaluated on a course-by-course basis. Individual business courses may transfer and count toward the graduation requirements for a four-year business degree, but the transferable courses are limited to the course equivalents of the courses specified in the curricula of the four-year Business Administration degree programs.

The general education requirements for business students are specific to this statewide business articulation agreement. Completion of these general education requirements may not satisfy all the general education requirements for every business program. Students should review the business degree requirements of the four-year college or university of their interest when making plans to transfer.

See the section on Scholarships and Awards for scholarship opportunities related to this program. The Associate of Arts - Business Emphasis degree is offered at all locations.

State Guaranteed Transfer Curriculum Requirements

Communication: 9 credits

GRADE/SEM	COURSE #		CREDIT
_____	🔒 ENG 121	English Composition I	3
_____	🔒 ENG 122	English Composition II	3
_____	✱ SPE 115	Public Speaking	3

Mathematics: 8 credits

_____	🔒 MAT 121	College Algebra	4
_____	🔒 MAT 125	Survey of Calculus	4

Arts & Humanities: 2 courses (6 credit hours). Select two state guaranteed Arts and Humanities courses:

Arts (GT-AH1)

_____	🔒 ART 110	Art Appreciation	3
_____	🔒 ART 111	Art History I	3
_____	🔒 ART 112	Art History II	3
_____	🔒 FRE 211	French Language III	3
_____	🔒 GER 211	German Language III	3
_____	🔒 GER 212	German Language IV	3
_____	🔒 ITA 211	Italian Language III	3
_____	🔒 ITA 212	Italian Language IV	3
_____	🔒 JPN 211	Japanese Language III	3
_____	🔒 JPN 212	Japanese Language IV	3
_____	🔒 MUS 120	Music Appreciation	3
_____	🔒 MUS 121	Introduction to Music History I	3
_____	🔒 MUS 122	Introduction to Music History II	3
_____	🔒 RUS 211	Russian Language III	3
_____	🔒 RUS 212	Russian Language IV	3
_____	🔒 SPA 211	Spanish Language III	3
_____	🔒 SPA 212	Spanish Language IV	3
_____	🔒 THE 105	Introduction to Theatre Arts	3
_____	🔒 THE 211	Development of Theatre I	3
_____	🔒 THE 212	Development of Theatre II	3

Literature & Humanities (GT-AH2)

_____	🔒 HUM 121	Early Civilizations	3
_____	🔒 HUM 122	From Medieval to Modern	3
_____	🔒 HUM 123	The Modern World	3
_____	🔒 LIT 115	Introduction to Literature I	3
_____	🔒 LIT 201	Masterpieces of Literature I	3
_____	🔒 LIT 202	Masterpieces of Literature II	3
_____	🔒 LIT 205	Ethnic Literature	3
_____	🔒 LIT 211	Survey of American Literature I	3
_____	🔒 LIT 212	Survey of American Literature II	3
_____	🔒 LIT 221	Survey of British Literature I	3
_____	🔒 LIT 222	Survey of British Literature II	3

Ways of Thinking (GT-AH3)

_____	🔒 PHI 111	Introduction to Philosophy	3
_____	🔒 PHI 112	Ethics	3
_____	🔒 PHI 113	Logic	3

Science 8 credits. Two, state guaranteed, lab-based science courses.

_____	🔒 AST 101	Astronomy I	4
_____	🔒 AST 102	Astronomy II	4
_____	🔒 BIO 105	Science of Biology	4
_____	🔒 BIO 111	General College Biology I	5
_____	🔒 BIO 112	General College Biology II	5
_____	🔒 BIO 201	Human Anatomy and Physiology I	4
_____	🔒 BIO 202	Human Anatomy and Physiology II	4
_____	🔒 BIO 204	Microbiology	4
_____	🔒 CHE 101	Introduction to Chemistry I	5
_____	🔒 CHE 102	Introduction to Chemistry II	5
_____	🔒 CHE 105	Chemistry in Context	5
_____	🔒 CHE 111	General College Chemistry I	5
_____	🔒 CHE 112	General College Chemistry II	5
_____	🔒 GEY 111	Physical Geology	4
_____	🔒 GEY 121	Historical Geology	4
_____	🔒 MET 150	General Meteorology	4
_____	🔒 PHY 105	Conceptual Physics	4
_____	🔒 PHY 111	Physics: Algebra- Based I with Lab	5
_____	🔒 PHY 112	Physics: Algebra-Based II with Lab	5
_____	🔒 PHY 211	Physics: Calculus-Based I with Lab	5
_____	🔒 PHY 212	Physics: Calculus-Based II with Lab	5

Programs

Business Emphasis

Social & Behavioral Sciences 3 courses (9 credit hours). Select one state guaranteed history course, and the two required Economics courses.

History (GT-HI1)

_____	🔒 HIS 101	History of Western Civilization I	3
_____	🔒 HIS 102	History of Western Civilization II	3
_____	🔒 HIS 201	United States (U.S.) History I	3
_____	🔒 HIS 202	United States (U.S.) History II	3
_____	🔒 HIS 247	Contemporary World History	3

Economic & Political Systems (GT-SS1)

_____	🔒 ECO 201	Principles of Macroeconomics	3
_____	🔒 ECO 202	Principles of Microeconomics	3

Business Graduation Requirements

_____	✳ ACC 121	Principles of Accounting I	4
_____	✳ ACC 122	Principles of Accounting II	4
_____	✳ BUS 115	Introduction to Business	3
_____	✳ BUS 216	Legal Environment of Business	3
_____	✳ BUS 217	Business Communications & Report Writing	3
_____	✳ BUS 226	Business Statistics	3

Approved Transfer Credit

Total Credits Earned

State Guaranteed Transfer Requirements (min. 40)	_____
Business Graduation Requirements (min.20)	_____
Total transfer credits allowed	_____
Total credits toward Associate of Arts: Business Emphasis (min. 60)	_____
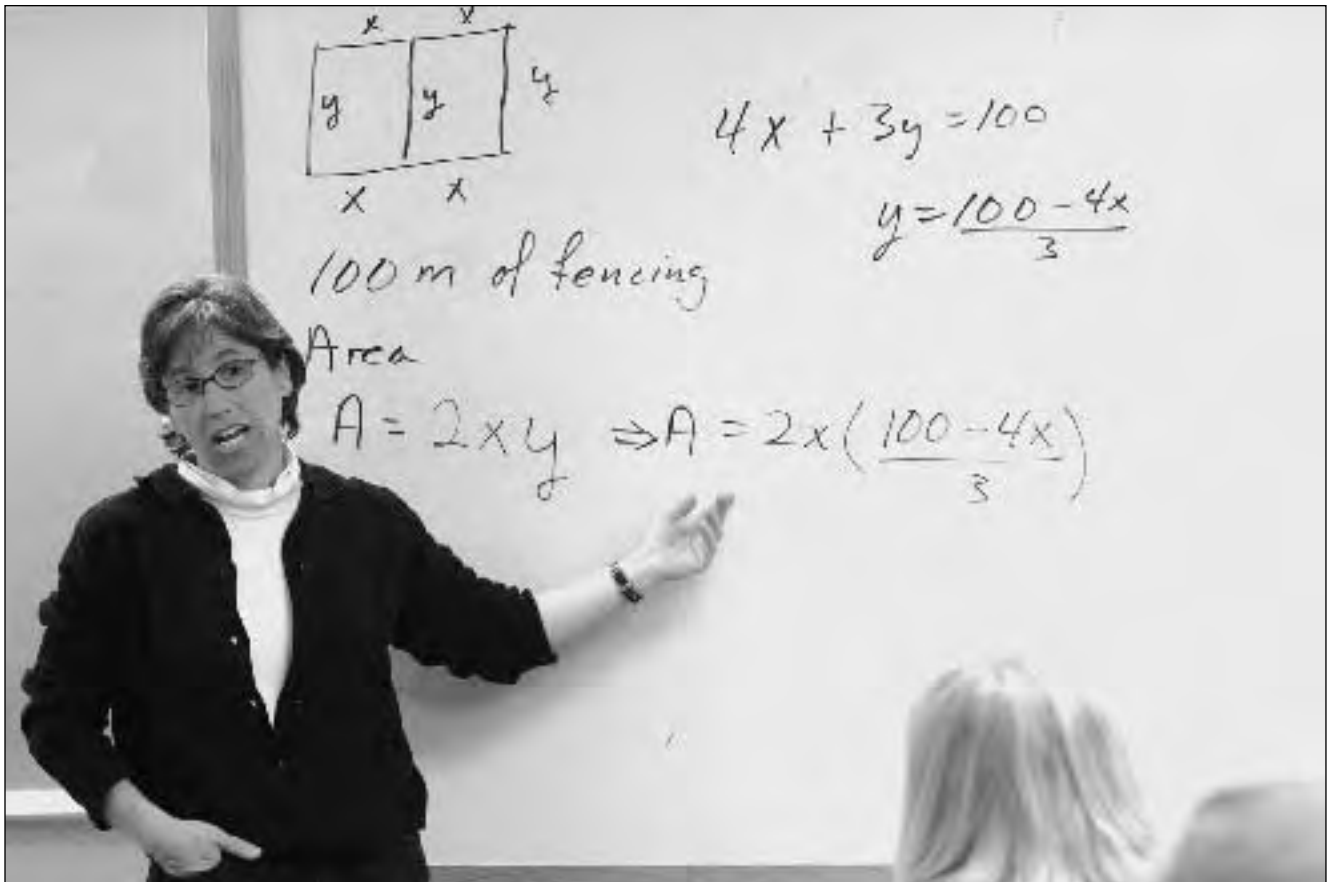
Academic courses for transfer.

STUDENT NAME	
ADVISOR	Date

Associate of Arts: Early Childhood Education. Colorado Mountain College offers students the opportunity to complete the AA-Early Childhood Education requirements at CMC and then transfer into a degree program at a participating Colorado public four-year college or university. Upon completion of the last two years of the 4-year college's Early Childhood Education program, students will graduate with a Bachelor of Arts degree and will be eligible for Early Childhood Education licensure.

Students must sign a graduation plan at Colorado Mountain College that identifies the first 54 credit hours that are guaranteed to transfer to particular early childhood education program. To complete the AA graduation requirements, students, who have completed or are currently enrolled in courses that will total the first 54 credits, will apply to a specific early childhood education program and be advised on the final 6 credits guaranteed to transfer. During the students sophomore year or equivalent term when the student will complete the 54 credits the student will sign an agreement for the final 6 credit hours that will be co-signed by Colorado Mountain College and the four-year college.

Participating four-year institutions are: Adams State College, Colorado State University, Fort Lewis College, Metropolitan State College of Denver, mesa State College and University of Northern Colorado. Only courses with a letter grade of "C" or better will be accepted for transfer. Please see your advisor.

For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 37.

Requirements for All Early Childhood Education Students:

Communication: 9 credits (C or better):

GRADE/SEM	COURSE #		CREDIT
_____ 🔒	ENG 121	English Composition I	3
_____ 🔒	ENG 122	English Composition II	3
_____ ✳	SPE 115	Public Speaking	3

Mathematics: 6 credits (2 courses) (C or better):

_____ 🔒	MAT 120	Mathematics for Liberal Arts	3
	OR		
_____ 🔒	MAT 121	College Algebra	4
AND...			
_____ 🔒	MAT 135	Introduction to Statistics	3
	OR		
_____ ✳	MAT 155	Integrated Math I	3
AND...			
_____ ✳	MAT 156	Integrated Math II	3

Science: 8 credits (C or better)

_____ ✳	SCI 155	Integrated Science I	4
AND...			
_____ ✳	SCI 156	Integrated Science II	4

Social/Behavioral 9 credits (C or better)

_____ 🔒	GEO 105	World Regional Geography	3
_____ 🔒	HIS 201	United States (U.S.) History I	3
_____ 🔒	POS 111	American Government	3

Humanities 6 credits (Choose two) (C or better)

_____ 🔒	ART 110	Art Appreciation	3
_____ 🔒	LIT 115	Introduction to Literature	3
_____ ✳	LIT 255	Children's Literature	3
_____ 🔒	MUS 120	Music Appreciation	3

Early Childhood Education Requirements: 16 credits (C or Better)

_____ ✳	ECE 101	Introduction to Early Childhood Education	3
_____	ECE 102	Introduction to Early Childhood Lab Techniques	3
_____	ECE 205	Nutrition, Health & Safety	3
_____	ECE 238	Child Growth & Development	4
_____	ECE 241	Administration: Human Relations for Early Childhood Education	3

Electives determined by transferring institution: 6 credits (B or Better)

_____

_____

_____

_____

_____

Total Credits Earned

General Education Requirements	38	_____
Early Childhood Education Requirements	16	_____
Electives determined by transferring Institution	6	_____

Additional Credits Approved

Early Childhood Education Emphasis (minimum 60)   _____

Please note that course availability and scheduling is subject to change without notice. Always consult your latest course bulletin and work closely with an advisor at both CMC and the 4-year college when scheduling classes.

Programs

Elementary Education

STUDENT NAME	
ADVISOR	Date

Associate of Arts: Elementary Education. Colorado Mountain College offers students the opportunity to complete the AA-Elementary Education requirements at CMC and then finish their last two years with another Colorado 4-year college of their choice. Upon completion of the last two years of the 4-year college's Elementary Education program, students will graduate with a Bachelor of Arts degree and will be eligible for elementary education licensure.

Students must apply separately for co-admission into the 4-year college portion of their Teacher Education Program at the end of their first year of study with Colorado Mountain College. At that time, the student will sign an agreement with both CMC and the other college outlining the final 19 credits that will be required to complete the AA portion of this degree.

This program requires close coordination between the student and the 4-year college where they plan to finish. Students in this program must decide which 4-year college they plan on finishing with no later than the end of their first year at Colorado Mountain College. This allows the student both fall and spring semesters of their final year with CMC to complete the final 19 credits that are recommended by the 4-year college. Some of those classes recommended by the 4-year college may be offered only in the fall or only in the spring at Colorado Mountain College, which is why students need a full year to integrate those classes into their schedules!

For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 37.

Requirements For All Elementary Education Students:

Education 6 credits

GRADE/SEM	COURSE #			CREDIT
_____	✳ EDU 221	Introduction to Education		3
_____	✳ PSY 238	Child Development		3

English/Speech 9 credits

_____	🔒 ENG 121	English Composition I	3
_____	🔒 ENG 122	English Composition II	3
_____	✳ SPE 115	Public Speaking	3

Mathematics: 6 credits (C or better)

_____	✳ MAT 155	Integrated Math I	3
_____	✳ MAT 156	Integrated Math II	3

Science: 8 credits (C or better)

_____	✳ SCI 155	Integrated Science I	4
AND...			
_____	✳ SCI 156	Integrated Science II	4

Social/Behavioral 9 credits

_____	🔒 GEO 105	World Regional Geography	3
_____	🔒 HIS 201	US History I	3
_____	✳ POS 111	American Government	3

Humanities 3 credits (CHOOSE ONE)

_____	🔒 LIT 115	Introduction to Literature	3
_____	🔒 LIT 201	Masterpieces of Literature I	3
_____	🔒 LIT 202	Masterpieces of Literature. II	3
_____	✳ LIT 211	Survey of American Literature I	3
_____	✳ LIT 221	Survey of British Literature I	3

Additional Credits Approved by a 4-Year Institution:

19 credits (B or Better)

_____

_____

_____

_____

_____

_____

Total Credits Earned

Elementary Education Requirements (41)	_____
Electives determined by transferring institution (19)	_____
Total for Associate of Arts: Elementary Education	60 credits

Please note that course availability and scheduling is subject to change without notice. Always consult your latest course bulletin and work closely with an advisor at both CMC and the 4-year college when scheduling classes.

STUDENT NAME	
ADVISOR	Date

Associate of Arts: Elementary Education (CMC-Mesa State Agreement). Colorado Mountain College and Mesa State College have an articulation agreement that allows students to complete the AA-Elementary Education Emphasis requirements at CMC and then finish their last two years with additional courses offered by Mesa State College.

What makes this option unique is that all instruction will be provided on-site at CMC's Roaring Fork Campuses for the additional Mesa State College coursework utilizing face-to-face classroom instruction with Mesa State Instructors, or via microwave or Interactive Video Conferencing instruction methods with Mesa State Instructors.

This program also includes substantial experiential work in elementary school settings. Upon completion of the Mesa State portion of this program, students will graduate with a Bachelor of Arts degree in Liberal Arts and will be eligible for elementary education licensure in Colorado.

It is strongly suggested that students interested in this program work closely with an advisor at both CMC and Mesa State College when formulating class schedules and for other advising purposes.

Students must apply separately for admission into Mesa State College's portion of the Teacher Education Program at the start of the semester when they will be completing at least 48 credit hours of the following schedule.

Education: 3 credits (B or better)

GRADE/SEM	COURSE #	CREDIT
_____	✱ EDU 221 Introduction to Education	3

English/Speech: 9 credits (B or better)

_____	🔒 ENG 121 English Composition I	3
_____	🔒 ENG 122 English Composition II	3
_____	✱ SPE 115 Public Speaking	3

Mathematics: 6 credits (C or better)

_____	✱ MAT 155 Integrated Math I	3
_____	✱ MAT 156 Integrated Math II	3

Science: 12-14 credits

_____	🔒 GEY 111 Physical Geology I	4

AND (CHOOSE ONE):

_____	🔒 BIO 105 Science of Biology	4
_____	🔒 BIO 111 General College Biology I with Lab	5

AND (CHOOSE ONE):

_____	🔒 PHY 105 Conceptual Physics	4
_____	🔒 PHY 111 Physics I: Algebra Based with Lab	5
_____	🔒 PHY 211 Physics I: Calculus based with Lab	5
_____	🔒 CHE 101 Introduction to Chemistry I	5
_____	🔒 CHE 111 General College Chemistry I	5

Social and Behavioral Sciences: 18 credits

_____	🔒 ECO 201 Principles of Macroeconomics	3
_____	🔒 GEO 105 World Regional Geography	3
_____	🔒 HIS 201 U.S. History I	3
_____	✱ HIS 225 Colorado History	3
_____	🔒 POS 111 American Government	3
_____	✱ PSY 238 Child Development (B or better)	3

Arts & Humanities: 6 credits

Choose only ONE: 3 credits

_____	🔒 LIT 115 Introduction to Literature	3
_____	🔒 LIT 201 Masterpieces of Literature I	3
_____	🔒 LIT 202 Masterpieces of Literature II	3

Choose only ONE: 3 credits

_____	🔒 ART 110 Art Appreciation	3
_____	🔒 ART 112 Art History II	3
_____	🔒 MUS 120 Music Appreciation	3
_____	🔒 THE 105 Introduction to Theater Arts	3

Foreign Language: 5 credits

_____	✱ SPA 111 Spanish I	5

Wellness Requirements Transfer Level (A): 2 credits.

_____

_____

_____

_____

Total credit requirements for Associate of General Studies Degree in Elementary Education

(CMC-Mesa State Option)   61-63

An additional 66-68 credits with Mesa State for a combined total of 128 credits will complete the BA in Liberal Arts: Elementary Education Degree. Contact the Director of Extended Studies at Mesa State College, Dr. Ben Keefer, 970-248-1384 for a copy of the Mesa State College Elementary Education Course Listings.

STUDENT NAME	
ADVISOR	Date

Associate of Arts: Outdoor Education Emphasis. The Colorado State Guaranteed General Education Transfer Curriculum is part of this degree, and is designed to transfer to four-year schools in Colorado. Use this page as a graduation checklist with your advisor, filling in each credit as you earn it. This will help you avoid any confusion or disappointment as you work toward completing your degree. Ask your advisor to review and initial this form each time you meet.

See the section on Scholarships and Awards for scholarship opportunities related to this program. For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 37.

State Guaranteed General Education Transfer
Requirements: (35 minimum plus 3 credits of Speech)

English 9 credits

GRADE/SEM	COURSE #		CREDIT
_____	🔒 ENG 121	English Composition I	3
_____	🔒 ENG 122	English Composition II	3
_____	✳ SPE 115	Public Speaking	3

Mathematics 3 credits from the following courses:

_____	🔒 MAT 120	Math for Liberal Arts	4
_____	🔒 MAT 121	College Algebra	4
_____	🔒 MAT 122	College Trigonometry	3
_____	🔒 MAT 123	Finite Mathematics	4
_____	🔒 MAT 125	Survey of Calculus	4
_____	🔒 MAT 135	Introduction to Statistics	3
_____	🔒 MAT 166	Pre-Calculus	5
_____	🔒 MAT 201	Calculus I	5
_____	🔒 MAT 202	Calculus II	5

Miles of nordic trails surrounded by 14,000-foot peaks at Timberline Campus.

Physical and Life Science 8 credits from the following courses

_____	🔒 AST 101	Astronomy I	4
_____	🔒 AST 102	Astronomy II	4
_____	🔒 BIO 105	Science of Biology	4
_____	🔒 BIO 111	General College Biology I	5
_____	🔒 BIO 112	General College Biology II	5
_____	🔒 BIO 201	Human Anatomy and Physiology I	4
_____	🔒 BIO 202	Human Anatomy and Physiology II	4
_____	🔒 BIO 204	Microbiology	4
_____	🔒 CHE 101	Introduction to Chemistry I	5
_____	🔒 CHE 102	Introduction to Chemistry II	5
_____	🔒 CHE 105	Chemistry in Context	5
_____	🔒 CHE 111	General College Chemistry I	5
_____	🔒 CHE 112	General College Chemistry II	5
_____	🔒 GEY 111	Physical Geology	4
_____	🔒 GEY 121	Historical Geology	4
_____	🔒 MET 150	General Meteorology	4
_____	🔒 PHY 105	Conceptual Physics	4
_____	🔒 PHY 111	Physics: Algebra- Based I with Lab	5
_____	🔒 PHY 112	Physics: Algebra-Based II with Lab	5
_____	🔒 PHY 211	Physics: Calculus-Based I with Lab	5
_____	🔒 PHY 212	Physics: Calculus-Based II with Lab	5

Arts & Humanities 3 courses (9 credit hours). Select three courses, with no more than two courses from any one category.

Arts (GT-AH1)

_____	🔒 ART 110	Art Appreciation	3
_____	🔒 ART 111	Art History I	3
_____	🔒 ART 112	Art History II	3
_____	🔒 FRE 211	French Language I	3
_____	🔒 GER 211	German Language I	3
_____	🔒 GER 212	German Language II	3
_____	🔒 ITA 211	Italian Language I	3
_____	🔒 ITA 212	Italian Language II	3
_____	🔒 SPA 211	Spanish Language I	3
_____	🔒 SPA 212	Spanish Language II	3
_____	🔒 MUS 120	Music Appreciation	3
_____	🔒 MUS 121	Introduction to Music History I	3
_____	🔒 MUS 122	Introduction to Music History II	3
_____	🔒 THE 105	Introduction to Theatre Arts	3
_____	🔒 THE 211	Development of Theatre I	3
_____	🔒 THE 212	Development of Theatre II	3

Literature (GT-AH2)

_____	🔒 HUM 121	Early Civilizations	3
_____	🔒 HUM 122	From Medieval to Modern	3
_____	🔒 HUM 123	The Modern World	3
_____	🔒 LIT 115	Introduction to Literature I	3
_____	🔒 LIT 201	Masterpieces of Literature I	3
_____	🔒 LIT 202	Masterpieces of Literature II	3
_____	🔒 LIT 205	Ethnic Literature	3
_____	🔒 LIT 211	Survey of American Literature I	3
_____	🔒 LIT 212	Survey of American Literature II	3
_____	🔒 LIT 221	Survey of British Literature I	3
_____	🔒 LIT 222	Survey of British Literature II	3

Ways of Thinking (GT-AH3)

_____ 🔒 PHI 111 Introduction to Philosophy		3
_____ 🔒 PHI 112 Ethics		3
_____ 🔒 PHI 113 Logic		3

Social & Behavioral Sciences 3 courses (9 credit hours). Select one history course and two courses from two other categories:

History (GT-HI1)

_____ 🔒 HIS 101 History of Western Civilization I		3
_____ 🔒 HIS 102 History of Western Civilization II		3
_____ 🔒 HIS 201 United States (U.S.) History I		3
_____ 🔒 HIS 202 United States (U.S.) History II		3
_____ 🔒 HIS 247 Contemporary World History		3

Economic & Political Systems (GT-SS1)

_____ 🔒 ECO 201 Principles of Macroeconomics		3
_____ 🔒 ECO 202 Principles of Microeconomics		3
_____ 🔒 POS 105 Introduction to Political Science		3
_____ 🔒 POS 111 American Government		3

Geography (GT-SS2)

_____ 🔒 GEO 105 World Geography		3
_____ 🔒 GEO 106 Human Geography		3

Human Behavior & Social Systems (GT-SS3)

_____ 🔒 ANT 101 Cultural Anthropology		3
_____ 🔒 ANT 111 Physical Anthropology		3
_____ 🔒 PSY 101 General Psychology I		3
_____ 🔒 PSY 102 General Psychology II		3
_____ 🔒 PSY 235 Human Growth and Development		3
_____ 🔒 SOC 101 Introduction to Sociology		3
_____ 🔒 SOC 102 Introduction to Sociology II		3

Wellness Requirements Transfer Level (A): PED/OUT/HSC/DAN/HWE100 or 111: 2 credits.

Outdoor Education Leadership Requirements 9.5 credits

_____ ✳ HUM137 Wilderness & the American Ethic		3
_____ HWE103 Community First Aid & CPR		.5
_____ ✳ OUT 120 Orienteering		1
_____ ✳ OUT 287 Internship: Outdoor Leadership		2
_____ ✳ PSY 211 Leadership Development		3

Outdoor Education Orientation Requirements. Student must take 6 credits from this section.

_____ ✳ OUT 111 Mountain Orientation		2
_____ ✳ OUT 112 Desert Orientation		2
_____ ✳ OUT 113 Canyon Orientation		2
_____ ✳ OUT 114 Snow Orientation		2
_____ ✳ OUT 118 River Orientation		2

Outdoor Education Electives: Students must take at least 4.5 credits from this section.

_____ ✳ ANT 107 Introduction to Archaeology		3
_____ ✳ ANT 280 Southwest Field Exploration		2
_____ ✳ ANT 215 Indians of North America		3
_____ ✳ BIO 120 Introduction to Natural History		3
_____ ✳ BIO 222 General College Ecology		4
_____ ✳ BIO 144 Natural History of the Desert		2
_____ ✳ BIO 275 Special Topics: Alpine Ecology		___
_____ ✳ GEO 120 Snow, Ice and Avalanche		3
_____ 🔒 GEY 121 Historical Geology		4
_____ ✳ GEY 208 Geology Field Trip		___
_____ ✳ PER 100 Outdoor Recreation Principles & Practice		3
_____ Advised Elective (ANT, BIO, EDU, GEO, GEY,OUT)		3

Transfer level OUT/PED courses depending on student focus.

Total Credits Earned:

State Guaranteed General Education Requirements (min. 35)	_____
Public Speaking (3 credits)	_____
Wellness Requirements: (min. 2)	_____
Outdoor Education Leadership Requirements (min 9.5)	_____
Outdoor Education Orientation Requirements (min. 6)	_____
Outdoor Education Electives (min. 4.5)	_____
Total transfer credits allowed	_____
Total credits toward Associate of Arts- Outdoor Education Emphasis degree (minimum 60 credits)	_____

Colorado Mountain College Requirements:

Colorado Mountain College requires its graduates to be proficient in computer use. To graduate, a student must demonstrate proficiency via an examination administered by the college, or take CIS115 or CIS118. If you take the course it will be applied to the elective credit within the degree.

Programs

Associate of Arts

STUDENT NAME	
ADVISOR	Date

Associate of Arts: Visual Arts Emphasis. This program is designed for students who wish to transfer to a school of visual arts. See the section on Scholarships and Awards for scholarship opportunities related to this program. For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 37.

State Guaranteed General Education Curriculum Requirements: (35 minimum plus 3 credits of Speech)

Communication 9 credits

GRADE/SEM	COURSE #		CREDIT
_____	🔒 ENG 121	English Composition I	3
_____	🔒 ENG 122	English Composition II	3
_____	✳ SPE 115	Public Speaking	3
OR			
_____	✳ SPE 125	Interpersonal Communication	3

Mathematics 3, 4, or 5 credits from the following courses

_____	🔒 MAT 120	Math for Liberal Arts	4
_____	🔒 MAT 121	College Algebra	4
_____	🔒 MAT 122	College Trigonometry	3
_____	🔒 MAT 123	Finite Mathematics	4
_____	🔒 MAT 125	Survey of Calculus	4
_____	🔒 MAT 135	Introduction to Statistics	3
_____	🔒 MAT 166	Pre-Calculus	5
_____	🔒 MAT 201	Calculus I	5
_____	🔒 MAT 202	Calculus II	5

Physical and Life Science 8 credits from the following courses

_____	🔒 AST 101	Astronomy I	4
_____	🔒 AST 102	Astronomy II	4
_____	🔒 BIO 105	Science of Biology	4
_____	🔒 BIO 111	General College Biology I	5
_____	🔒 BIO 112	General College Biology II	5
_____	🔒 BIO 201	Human Anatomy and Physiology I	4
_____	🔒 BIO 202	Human Anatomy and Physiology II	4
_____	🔒 BIO 204	Microbiology	4
_____	🔒 CHE 101	Introduction to Chemistry I	5
_____	🔒 CHE 102	Introduction to Chemistry II	5
_____	🔒 CHE 105	Chemistry in Context	5
_____	🔒 CHE 111	General College Chemistry I	5
_____	🔒 CHE 112	General College Chemistry II	5
_____	🔒 GEY 111	Physical Geology	4
_____	🔒 GEY 121	Historical Geology	4
_____	🔒 MET 150	General Meteorology	4
_____	🔒 PHY 105	Conceptual Physics	4
_____	🔒 PHY 111	Physics: Algebra- Based I with Lab	5
_____	🔒 PHY 112	Physics: Algebra-Based II with Lab	5
_____	🔒 PHY 211	Physics: Calculus-Based I with Lab	5
_____	🔒 PHY 212	Physics: Calculus-Based II with Lab	5

Arts & Humanities 3 courses (9 credit hours). Select three courses, with no more than two courses from any one category.

Arts (GT-AH1)

_____	🔒 ART 110	Art Appreciation	3
_____	🔒 ART 111	Art History I	3
_____	🔒 ART 112	Art History II	3
_____	🔒 FRE 211	French Language III	3
_____	🔒 GER 211	German Language III	3
_____	🔒 GER 212	German Language IV	3
_____	🔒 ITA 211	Italian Language III	3
_____	🔒 ITA 212	Italian Language IV	3
_____	🔒 JPN 211	Japanese Language III	3
_____	🔒 JPN 212	Japanese Language IV	3
_____	🔒 MUS 120	Music Appreciation	3
_____	🔒 MUS 121	Introduction to Music History I	3
_____	🔒 MUS 122	Introduction to Music History II	3
_____	🔒 RUS 211	Russian Language III	3
_____	🔒 RUS 212	Russian Language IV	3
_____	🔒 SPA 211	Spanish Language III	3
_____	🔒 SPA 212	Spanish Language IV	3
_____	🔒 THE 105	Introduction to Theatre Arts	3
_____	🔒 THE 211	Development of Theatre I	3
_____	🔒 THE 212	Development of Theatre II	3

Literature & Humanities (GT-AH2)

_____	🔒 HUM 121	Early Civilizations	3
_____	🔒 HUM 122	From Medieval to Modern	3
_____	🔒 HUM 123	The Modern World	3
_____	🔒 LIT 115	Introduction to Literature I	3
_____	🔒 LIT 201	Masterpieces of Literature I	3
_____	🔒 LIT 202	Masterpieces of Literature II	3
_____	🔒 LIT 205	Ethnic Literature	3
_____	🔒 LIT 211	Survey of American Literature I	3
_____	🔒 LIT 212	Survey of American Literature II	3
_____	🔒 LIT 221	Survey of British Literature I	3
_____	🔒 LIT 222	Survey of British Literature II	3

Ways of Thinking (GT-AH3)

_____	🔒 PHI 111	Introduction to Philosophy	3
_____	🔒 PHI 112	Ethics	3
_____	🔒 PHI 113	Logic	3

Social & Behavioral Sciences 3 courses (9 credit hours). Select one history course and two courses from two other categories:

History (GT-HI1)

_____ 🔒 HIS 101	History of Western Civilization I	3
_____ 🔒 HIS 102	History of Western Civilization II	3
_____ 🔒 HIS 201	United States (U.S.) History I	3
_____ 🔒 HIS 202	United States (U.S.) History II	3
_____ 🔒 HIS 247	Contemporary World History	3

Economic & Political Systems (GT-SS1)

_____ 🔒 ECO 201	Principles of Macroeconomics	3
_____ 🔒 ECO 202	Principles of Microeconomics	3
_____ 🔒 POS 105	Introduction to Political Science	3
_____ 🔒 POS 111	American Government	3

Geography (GT-SS2)

_____ 🔒 GEO 105	World Regional Geography	3
_____ 🔒 GEO 106	Human Geography	3

Human Behavior & Social Systems (GT-SS3)

_____ 🔒 ANT 101	Cultural Anthropology	3
_____ 🔒 ANT 111	Physical Anthropology	3
_____ 🔒 PSY 101	General Psychology I	3
_____ 🔒 PSY 102	General Psychology II	3
_____ 🔒 PSY 235	Human Growth and Development	3
_____ 🔒 SOC 101	Introduction to Sociology I	3
_____ 🔒 SOC 102	Introduction to Sociology II	3

Art Electives (20 credits minimum):

_____ ✲ ART 121	Drawing I	3
_____ ✲ ART 122	Drawing II	3
_____ ✲ ART 131	2-D Design	3
_____ ✲ ART 132	3-D Design	3
_____ ✲ ART 161	Ceramics I	3
_____ ✲ ART 162	Ceramics II	3
_____ ✲ ART 211	Painting I	3
_____ ✲ ART 212	Painting II	3
_____ ✲ ART 154	Sculpture I	3
_____ ✲ ART 155	Sculpture II	3
_____ ✲ ART 123	Watercolor I	3
_____ ✲ ART 124	Watercolor II	3
_____ ✲ ART 261	Ceramics III	3
_____ ✲ ART 156	Figure Drawing I	3
_____ ✲ ART 256	Advanced Figure Drawing	3
_____ ✲ Advised ART Elective (s)		

No more than six credits numbered 175 or 275 may be applied to degree

Wellness Requirements Transfer level (A): PED/OUT/HSC/DAN/HWE100 or HWE 111: 2 credits.

Total Credits Earned

State Guaranteed Transfer Requirements (min. 35)	_____
SPE 115 or SPE 123 (3 credits)	_____
Art Electives (minimum 20)	_____
Wellness Requirements (minimum 2)	_____
Transfer Credits Allowed	_____
Total credits toward Associate of Arts: Visual Arts Emphasis Degree (minimum 60)	_____

Colorado Mountain College Requirements

Colorado Mountain College requires its graduates to be proficient in computer use. To graduate, a student must demonstrate proficiency via an examination administered by the college, or take CIS115 or CIS118. If you take the course it will be applied to the elective credit within the degree.

Immerse yourself in the arts!

Programs

We offer a complete range of math and science courses.

Associate of Science Degrees

The Associate of Science degrees are designed for those who plan to seek a four-year degree in advanced technology, mathematics, or physical, natural or computer science areas. The disciplines covered in this program are traditionally included in the freshman and sophomore curriculum at all colleges and universities. This includes course work in the areas of communications, humanities, social science, biological science, physical science and mathematics. To be accepted into this program you must demonstrate college level proficiency through ACT/SAT scores, college transcripts or placement tests. Inadequate skills in reading, writing and mathematics may require you to enroll in developmental studies courses before enrolling in courses required for the degree. This could affect the sequence in which you can take courses and may extend the time required to earn your degree. For more details please see the academic placement and testing section. Several scholarships are available for Associate of Science students, particularly the David Alden Cooke, Stewart Bridge Luce and C.E Williamson scholar-

ships. See the scholarship and awards section for these scholarship opportunities.

The Associate of Science degree programs are offered at Roaring Fork Campus-Spring Valley, Alpine, Summit and Timberline campuses.

Spring Valley Campus requires all new residence hall students to enroll in the three credit Advanced Academic Achievement (AAA 109) course, and to pay appropriate tuition. This course is required because it increases the potential for students to be successful in college. Students will be exempt who transfer in with 12 or more college credits completed with a "C" grade or better.

Associate of Science Degree Requirements

The Associate of Science Degree requires completion of at least 60 credits from among courses numbered 100-299 which are designed for transfer. State Guaranteed General Education courses are designated by a padlock icon. An asterisk icon denotes courses which apply to the Associate of Arts and Associate of Science degrees, and are

generally transferable to other Colorado public universities and colleges.

You must complete the entire AS degree to guarantee transfer of any course not on the State Guaranteed curriculum. Transfer of courses marked by the asterisk (✱) icon is probable but not guaranteed. Please check the requirements of the receiving institution.

To graduate, a student must have a cumulative grade point average of 2.0 ("C" average) or "P" (passing) or better on all courses taken at Colorado Mountain College. At least 80 percent of the semester credits applied toward graduation must be letter graded.

You must earn 45 semester credits at Colorado Mountain College or, if transferring previous credits, at least 15 semester credits at Colorado Mountain College immediately preceding graduation. No more than six credits numbered 175 or 275 (Special Topics), 187 or 287 (Work Experience/Cooperative Education), or 181 or 182 (Internships) will be applied toward graduation.

Specific course requirementsare listed on the Associate of Science degree checklists.

STUDENT NAME	
ADVISOR	Date

Associate of Science. This degree includes several options selected from courses listed below. While not all classes are offered at all sites each term, you may use this checklist to plan your program over a two-year period. If you and your CMC academic advisor agree on a plan based on the CMC two year guaranteed schedule of classes, then your signatures will be recognized by the Colorado Commission on Higher Education (CCHE) as a "formal graduation plan" as described in the Colorado Student Bill of Rights. Your ability to enter into a two-year agreement will be affected by the level of your preparation in reading, writing and mathematics. You may also use this page as a graduation checklist with your advisor, filling in each credit as you earn it. This will help you avoid any confusion or disappointment as you work toward completing your degree. Ask your advisor to review and initial this form each time you meet. See the section on Financial Aid and Scholarships for funds available for this degree.

The degree has several options. These include Chemistry, Physics, and Biology, as well as a general option for other majors in the mathematics and sciences. These options are suggested by the Colorado Commission on Higher Education. All courses will count toward the AS degree. However, transferability depends on the four-year institution. Additional courses may be transferable to one or more of the public four-year colleges or universities in Colorado. For specific information, please see your advisor.

See the section on Scholarships and Awards for scholarship opportunities related to this program. For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 37.

General Option

State Guaranteed General Education Requirements

(35 credits minimum, plus 3 credits of Speech)

Communications 3 courses (9 credit hours). Complete the following:

GRADE/SEM	COURSE #		CREDIT
_____ 🔒	ENG 121	English Composition I	3
_____ 🔒	ENG 122	English Composition II	3
_____ ✳	SPE 115	Public Speaking	3
OR			
_____ ✳	SPE 125	Interpersonal Communication	3

Mathematics 1 course (3, 4, or 5 credit hours). Complete one of the following courses

(GT-MA1).

_____ 🔒	MAT 121	College Algebra	4
_____ 🔒	MAT 122	College Trigonometry	3
_____ 🔒	MAT 201	Calculus I	5
_____ 🔒	MAT 202	Calculus II	5

Arts & Humanities 3 courses (9 credit hours). Select three courses, with no more than two courses from any one category.

Arts (GT-AH1)

_____ 🔒	ART 110	Art Appreciation	3
_____ 🔒	ART 111	Art History I	3
_____ 🔒	ART 112	Art History II	3
_____ 🔒	FRE 211	French Language III	3
_____ 🔒	GER 211	German Language III	3
_____ 🔒	GER 212	German Language IV	3
_____ 🔒	ITA 211	Italian Language III	3
_____ 🔒	ITA 212	Italian Language IV	3
_____ 🔒	JPN 211	Japanese Language III	3
_____ 🔒	JPN 212	Japanese Language IV	3
_____ 🔒	RUS 211	Russian Language III	3
_____ 🔒	RUS 212	Russian Language IV	3
_____ 🔒	SPA 211	Spanish Language III	3
_____ 🔒	SPA 212	Spanish Language IV	3
_____ 🔒	MUS 120	Music Appreciation	3
_____ 🔒	MUS 121	Introduction to Music History I	3
_____ 🔒	MUS 122	Introduction to Music History II	3
_____ 🔒	THE 105	Introduction to Theatre Arts	3
_____ 🔒	THE 211	Development of Theatre I	3
_____ 🔒	THE 212	Development of Theatre II	3

Literature & Humanities (GT-AH2)

_____ 🔒	LIT 115	Introduction to Literature I	3
_____ 🔒	LIT 201	Masterpieces of Literature I	3
_____ 🔒	LIT 202	Masterpieces of Literature II	3
_____ 🔒	LIT 205	Ethnic Literature	3
_____ 🔒	LIT 211	Survey of American Literature I	3
_____ 🔒	LIT 212	Survey of American Literature II	3
_____ 🔒	LIT 221	Survey of British Literature I	3
_____ 🔒	LIT 222	Survey of British Literature II	3
_____ 🔒	HUM 121	Early Civilizations	3
_____ 🔒	HUM 122	From Medieval to Modern	3
_____ 🔒	HUM 123	The Modern World	3

Ways of Thinking (GT-AH3)

_____ 🔒	PHI 111	Introduction to Philosophy	3
_____ 🔒	PHI 112	Ethics	3
_____ 🔒	PHI 113	Logic	3

Social & Behavioral Sciences 3 courses (9 credit hours). Select 3 courses, 1 of which must be history, with no more than 2 courses from any 1 category

History (GT-HI1)

_____ 🔒	HIS 101	History of Western Civilization I	3
_____ 🔒	HIS 102	History of Western Civilization II	3
_____ 🔒	HIS 201	United States (U.S.) History I	3
_____ 🔒	HIS 202	United States (U.S.) History II	3
_____ 🔒	HIS 247	Contemporary World History	3

Economic & Political Systems (GT-SS1)

_____ 🔒	ECO 201	Principles of Macroeconomics	3
_____ 🔒	ECO 202	Principles of Microeconomics	3
_____ 🔒	POS 105	Introduction to Political Science	3
_____ 🔒	POS 111	American Government	3

Programs

Geography (GT-SS2)

_____	🔒 GEO 105	World Regional Geography	3
_____	🔒 GEO 106	Human Geography	3

Human Behavior & Social Systems (GT-SS3)

_____	🔒 ANT 101	Cultural Anthropology	3
_____	🔒 ANT 111	Physical Anthropology	3
_____	🔒 PSY 101	General Psychology I	3
_____	🔒 PSY 102	General Psychology II	3
_____	🔒 PSY 235	Human Growth and Development	3
_____	🔒 SOC 101	Introduction to Sociology I	3
_____	🔒 SOC 102	Introduction to Sociology II	3

Physical & Life Sciences 2 courses (8 credit hours). Select two laboratory-based courses*. Credits over 8 will be applied to the electives category:

_____	🔒 AST 101	Astronomy I	4
_____	🔒 AST 102	Astronomy II	4
_____	🔒 BIO 111	General College Biology I with Lab	5
_____	🔒 BIO 112	General College Biology IIwith Lab	5
_____	🔒 BIO 201	Human Anatomy and Physiology I	4
_____	🔒 BIO 202	Human Anatomy and Physiology II	4
_____	🔒 BIO 204	Microbiology	4
_____	🔒 CHE 111	General College Chemistry I	5
_____	🔒 CHE 112	General College Chemistry II	5
_____	🔒 GEY 111	Physical Geology	4
_____	🔒 GEY 121	Historical Geology	4
_____	🔒 MET 150	General Meteorology	4
_____	🔒 PHY 111	Physics: Algebra Based I with Lab	5
_____	🔒 PHY 112	Physics: Algebra Based II with Lab	5
_____	🔒 PHY 211	Physics: Calculus Based I with Lab	5
_____	🔒 PHY 212	Physics: Calculus Based II with Lab	5

A classroom laboratory component is necessary for this requirement. If a classroom laboratory is not imbedded within the regular class, please remember to sign up for one.

Wellness Requirements Transfer Level (A): PED/OUT/HSC/DAN/HWE100 or HWE 111: 2 credits.

_____

_____

_____

_____

Colorado Mountain College Requirements

Colorado Mountain College requires its graduates to be proficient in computer use. To graduate, a student must demonstrate proficiency via an examination administered by the college, or take CIS115 or CIS118. If you take the course it will be applied to the elective credit within the degree.

Electives

You must complete an additional 20 credits in any of the Science or Mathematics disciplines (AST, BIO, CHE, GEY, MAT, PHY) numbered 100-299, marked with marked with a lock (🔒)or General Transfer marked with an asterisk (✹)in the course description section, and CIS 115 or CIS 118 may be used if required.

_____

_____

_____

_____

_____

_____

_____

Total Elective Credits (min. 20) _____

Approved Transfer Credit

_____

_____

_____

_____

_____

_____

_____

_____

_____

Total transfer credits allowed _____

Total Credits Earned

State Guaranteed General Education Requirements (min. 38)	_____
Wellness Requirement (min. 2)	_____
SPE 115 or SPE 125 (3 credits)	_____
Electives (min. 20)	_____
Total transfer credits allowed	_____
Total credits toward Associate of Science degree (min. 60)	_____

STUDENT NAME	
ADVISOR	Date

Associate of Science: Biology Emphasis. The biology emphasis for the Associate of Science Degree provides a strong foundation in mathematics and science classes for students desiring a career in the biological sciences. This includes many diverse careers such as health sciences, wildlife management, environmental engineering, biochemistry, natural resource management, forestry etc. Students with this degree will have completed the general education courses and have a solid background in general biology.

All courses will count toward the AS degree. The completion of the following courses is appropriate if you are planning to transfer to a four-year college or university to complete a major in biology. However, transferability depends on the four-year institution. Additional courses may be transferable to one or more of the public four-year colleges or universities in Colorado. For specific information, please see your advisor.

See the section on Scholarships and Awards for scholarship opportunities related to this program. For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 37.

State Guaranteed General Education Requirements
(35 credits minimum, plus 3 credits of SPE)

Communications 3 courses (9 credit hours). Complete the following:

GRADE/SEM	COURSE #		CREDIT
_____	🔒 ENG 121	English Composition I	3
_____	🔒 ENG 122	English Composition II	3
_____	✳ SPE 115	Public Speaking	3
	OR		
_____	✳ SPE 125	Interpersonal Communication	3

Mathematics 3 credits from the following courses:

_____	🔒 MAT 121	College Algebra	4
_____	🔒 MAT 122	College Trigonometry	3
_____	🔒 MAT 201	Calculus I	5
_____	🔒 MAT 202	Calculus II	5

Arts & Humanities 3 courses (9 credit hours). Select three courses, with no more than two courses from any one category.

Arts (GT-AH1)

_____	🔒 ART 110	Art Appreciation	3
_____	🔒 ART 111	Art History I	3
_____	🔒 ART 112	Art History II	3
_____	🔒 FRE 211	French Language III	3
_____	🔒 GER 211	German Language III	3
_____	🔒 GER 212	German Language IV	3
_____	🔒 ITA 211	Italian Language III	3
_____	🔒 ITA 212	Italian Language IV	3
_____	🔒 JPN 211	Japanese Language III	3
_____	🔒 JPN 212	Japanese Language IV	3
_____	🔒 RUS 211	Russian Language III	3
_____	🔒 RUS 212	Russian Language IV	3
_____	🔒 SPA 211	Spanish Language III	3
_____	🔒 SPA 212	Spanish Language IV	3
_____	🔒 MUS 120	Music Appreciation	3
_____	🔒 MUS 121	Introduction to Music History I	3
_____	🔒 MUS 122	Introduction to Music History II	3
_____	🔒 THE 105	Introduction to Theatre Arts	3
_____	🔒 THE 211	Development of Theatre I	3
_____	🔒 THE 212	Development of Theatre II	3

Literature & Humanities (GT-AH2)

_____	🔒 LIT 115	Introduction to Literature I	3
_____	🔒 LIT 201	Masterpieces of Literature I	3
_____	🔒 LIT 202	Masterpieces of Literature II	3
_____	🔒 LIT 205	Ethnic Literature	3
_____	🔒 LIT 211	Survey of American Literature I	3
_____	🔒 LIT 212	Survey of American Literature II	3
_____	🔒 LIT 221	Survey of British Literature I	3
_____	🔒 LIT 222	Survey of British Literature II	3
_____	🔒 HUM 121	Early Civilizations	3
_____	🔒 HUM 122	From Medieval to Modern	3
_____	🔒 HUM 123	The Modern World	3

Ways of Thinking (GT-AH3)

_____	🔒 PHI 111	Introduction to Philosophy	3
_____	🔒 PHI 112	Ethics	3
_____	🔒 PHI 113	Logic	3

Social & Behavioral Sciences 3 courses (9 credit hours). Select 3 courses, 1 of which must be history, with no more than 2 courses from any 1 category

History (GT-HI1)

_____	🔒 HIS 101	History of Western Civilization I	3
_____	🔒 HIS 102	History of Western Civilization II	3
_____	🔒 HIS 201	United States (U.S.) History I	3
_____	🔒 HIS 202	United States (U.S.) History II	3
_____	🔒 HIS 247	Contemporary World History	3

Economic & Political Systems (GT-SS1)

_____	🔒 ECO 201	Principles of Macroeconomics	3
_____	🔒 ECO 202	Principles of Microeconomics	3
_____	🔒 POS 105	Introduction to Political Science	3
_____	🔒 POS 111	American Government	3

Geography (GT-SS2)

_____	🔒 GEO 105	World Regional Geography	3
_____	🔒 GEO 106	Human Geography	3

Human Behavior & Social Systems (GT-SS3)

_____	🔒 ANT 101	Cultural Anthropology	3
_____	🔒 ANT 111	Physical Anthropology	3
_____	🔒 PSY 101	General Psychology I	3
_____	🔒 PSY 102	General Psychology II	3
_____	🔒 PSY 235	Human Growth and Development	3
_____	🔒 SOC 101	Introduction to Sociology I	3
_____	🔒 SOC 102	Introduction to Sociology II	3

Programs

Biology Emphasis

Physical & Life Sciences Complete the following. **Credits over 8 will be applied to the electives category:**

_____ 🔒	BIO 111	General College Biology I with Lab	5
_____ 🔒	BIO 112	General College Biology II with Lab	5

Wellness Requirements Transfer Level (A): PED/OUT/HSC/DAN/ HWE100 or 111: 2 credits.

Colorado Mountain College Requirements

Colorado Mountain College requires its graduates to be proficient in computer use. To graduate, a student must demonstrate proficiency via an examination administered by the college, or take CIS115 or CIS118. If you take the course it will be applied to the elective credit within the degree.

Electives

You must complete an additional 20 credits in any of the Science or Mathematics disciplines (AST, BIO, CHE, GEY, MAT, PHY) numbered 100-299, marked with marked with an (🔒) or General Transfer marked with an asterisk (✳) in the course description section, and CIS 115 or CIS 118 may be used if required.

Total Elective Credits (min. 20) _____

Science in the outdoors.

Approved Transfer Credit

Total transfer credits allowed _____

Total Credits Earned

State Guaranteed General Education Requirements (min. 35) _____
SPE 115 or SPE 125 (3 credits) _____
Wellness Requirement (min. 2) _____
Electives (min. 20) _____
Total transfer credits allowed _____
Total credits toward Associate of Science degree (min. 60) _____

STUDENT NAME	
ADVISOR	Date

Associate of Science: Chemistry Emphasis. This program combines general education requirements with a strong emphasis on math and science required for transfer into a chemistry program at a 4-year institution. Chemistry is the central science; it connects on one side with physics and mathematics, on another with earth and environmental sciences, and on yet another with biology and medicine. Chemists and biochemists are always in demand. Here are a few examples: chemist in a crime lab; environmental chemist; high school chemistry teacher, etc.

Chemistry is also an excellent major for students planning careers in health professions such as medicine, dentistry, optometry and veterinary medicine. Many students have found that having a chemistry background gives them a distinct advantage in medical or dental school. All schools of dentistry, medicine and optometry require chemistry for admission. Almost every medical school requires one year of general chemistry and one year of organic chemistry.

Transferability depends on the four-year institution. If you are planning to major in chemistry at a four-year college or university, you will find MAT 201 Calculus I is the (lowest level) mathematics course in which the credits earned will count toward a BA or BS degree. If you are a student just entering and are not prepared to take MAT 201, you will need to take the pre-requisite course(s). All courses will count toward the AS degree. Additional courses may be transferable to one or more of the public four-year colleges or universities in Colorado. For specific information, please see your advisor.

See the section on Scholarships and Awards for scholarship opportunities related to this program. For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 37.

State Guaranteed General Education Requirements
(35 credits minimum, plus 3 credits of SPE required)

Communications 3 courses (9 credit hours). Complete the following:

GRADE/SEM	COURSE #		CREDIT
_____	🔒 ENG 121	English Composition I	3
_____	🔒 ENG 122	English Composition II	3
_____	✱ SPE 115	Public Speaking	3
	OR		
_____	✱ SPE 125	Interpersonal Communication	3

Mathematics Minimum 3 credits from the following courses:

_____	🔒 MAT 121	College Algebra	4
_____	🔒 MAT 122	College Trigonometry	3
_____	🔒 MAT 201	Calculus I	5
_____	🔒 MAT 202	Calculus II	5

Arts & Humanities 3 courses (9 credit hours). Select three courses, with no more than two courses from any one category.

Arts (GT-AH1)

_____	🔒 ART 110	Art Appreciation	3
_____	🔒 ART 111	Art History I	3
_____	🔒 ART 112	Art History II	3
_____	🔒 FRE 211	French Language III	3
_____	🔒 GER 211	German Language III	3
_____	🔒 GER 212	German Language IV	3
_____	🔒 ITA 211	Italian Language III	3
_____	🔒 ITA 212	Italian Language IV	3
_____	🔒 JPN 211	Japanese Language III	3
_____	🔒 JPN 212	Japanese Language IV	3
_____	🔒 RUS 211	Russian Language III	3
_____	🔒 RUS 212	Russian Language IV	3
_____	🔒 SPA 211	Spanish Language III	3
_____	🔒 SPA 212	Spanish Language IV	3
_____	🔒 MUS 120	Music Appreciation	3
_____	🔒 MUS 121	Introduction to Music History I	3
_____	🔒 MUS 122	Introduction to Music History II	3
_____	🔒 THE 105	Introduction to Theatre Arts	3
_____	🔒 THE 211	Development of Theatre I	3
_____	🔒 THE 212	Development of Theatre II	3

Literature & Humanities (GT-AH2)

_____	🔒 LIT 115	Introduction to Literature I	3
_____	🔒 LIT 201	Masterpieces of Literature I	3
_____	🔒 LIT 202	Masterpieces of Literature II	3
_____	🔒 LIT 205	Ethnic Literature	3
_____	🔒 LIT 211	Survey of American Literature I	3
_____	🔒 LIT 212	Survey of American Literature II	3
_____	🔒 LIT 221	Survey of British Literature I	3
_____	🔒 LIT 222	Survey of British Literature II	3
_____	🔒 HUM 121	Early Civilizations	3
_____	🔒 HUM 122	From Medieval to Modern	3
_____	🔒 HUM 123	The Modern World	3

Ways of Thinking (GT-AH3)

_____	🔒 PHI 111	Introduction to Philosophy	3
_____	🔒 PHI 112	Ethics	3
_____	🔒 PHI 113	Logic	3

Social & Behavioral Sciences 3 courses (9 credit hours). Select 3 courses, 1 of which must be history, with no more than 2 courses from any 1 category

History (GT-HI1)

_____	🔒 HIS 101	History of Western Civilization I	3
_____	🔒 HIS 102	History of Western Civilization II	3
_____	🔒 HIS 201	United States (U.S.) History I	3
_____	🔒 HIS 202	United States (U.S.) History II	3
_____	🔒 HIS 247	Contemporary World History	3

Economic & Political Systems (GT-SS1)

_____	🔒 ECO 201	Principles of Macroeconomics	3
_____	🔒 ECO 202	Principles of Microeconomics	3
_____	🔒 POS 105	Introduction to Political Science	3
_____	🔒 POS 111	American Government	3

Geography (GT-SS2)

_____	🔒 GEO 105	World Regional Geography	3
_____	🔒 GEO 106	Human Geography	3

Human Behavior & Social Systems (GT-SS3)

_____	🔒 ANT 101	Cultural Anthropology	3
_____	🔒 ANT 111	Physical Anthropology	3
_____	🔒 PSY 101	General Psychology I	3
_____	🔒 PSY 102	General Psychology II	3
_____	🔒 PSY 235	Human Growth and Development	3
_____	🔒 SOC 101	Introduction to Sociology I	3
_____	🔒 SOC 102	Introduction to Sociology II	3

Physical & Life Sciences: Complete the following. Credits over 8 will be applied to the electives category:

_____	🔒 CHE 111	General College Chemistry I	5
_____	🔒 CHE 112	General College Chemistry II	5

Wellness Requirements Transfer Level (A): PED/OUT/HSC/DAN/HWE100 or 111: 2 credits.

_____
_____
_____
_____

Colorado Mountain College Requirements

Colorado Mountain College requires its graduates to be proficient in computer use. To graduate, a student must demonstrate proficiency via an examination administered by the college, or take CIS115 or CIS118. If you take the course it will be applied to the elective credit within the degree.

The Natural Resource Management Institute lab for analyzing field samples.

Electives

You must complete an additional 20 credits in any of the Science or Mathematics disciplines (BIO, CHE, GEY, MAT, PHY) numbered 100-299, marked with marked with an (🔒) or General Transfer marked with an asterisk (✱) in the course description section, and CIS 115 or CIS 118 may be used if required.

_____
_____
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_____

Total Elective Credits (min. 20)   _____

Approved Transfer Credit

_____
_____
_____
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_____
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_____

Total transfer credits allowed   _____

Total Credits Earned

State Guaranteed General Education Requirements (min. 35)	_____
SPE 115 or SPE 125 (3 credits)	_____
Wellness Requirement (min. 2)	_____
Electives (min. 20)	_____
Total transfer credits allowed	_____
Total credits toward Associate of Science degree (min. 60)	_____

Physics Emphasis

STUDENT NAME	
ADVISOR	Date

Associate of Science: Physics Emphasis. This program combines general education requirements with a strong emphasis on math and science required for transfer into a physics program at a 4-year institution.

Physics is the foundation of all other basic sciences and technology because it is concerned with the most fundamental aspects of matter and energy as well as the laws that govern their interactions. Much of the technological equipment and techniques used by other scientists were originally developed by physicists, such as x-rays, lasers, and MRIs. From saving lives, to saving our environment, to promoting knowledge in other areas of sciences, physicists are key players in our future. It will be you, the physics students of today and tomorrow, who will make contributions to improving the quality of lives in many, many areas. Job prospects for physics majors are excellent as the skills and experiences a student gains will be transferable to many other possible careers including engineering, medicine, education, biophysics, management and many other related fields.

Transferability depends on the four-year institution. If you are planning to major in physics at a four-year college or university, you will find MAT 201 Calculus I is the (lowest level) mathematics course in which the credits earned will count toward a BA or BS degree. If you are a student just entering and are not prepared to take MAT 201, you will need to take the pre-requisite course(s). All courses will count toward the AS degree. Additional courses may be transferable to one or more of the public four-year colleges or universities in Colorado. For specific information, please see your advisor.

See the section on Scholarships and Awards for scholarship opportunities related to this program. For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 37.

State Guaranteed General Education Requirements
(35 credits minimum, plus 3 credits SPE)

Communications 3 courses (9 credit hours).

GRADE/SEM	COURSE #		CREDIT
_____	🔒 ENG 121	English Composition I	3
_____	🔒 ENG 122	English Composition II	3
_____	✽ SPE 115	Public Speaking	3
	OR		
_____	🔒 SPE 125	Interpersonal Communication	3

Mathematics Minimum 3 credits from the following courses:

_____	🔒 MAT 121	College Algebra	4
_____	🔒 MAT 122	College Trigonometry	3
_____	🔒 MAT 201	Calculus I	5
_____	🔒 MAT 202	Calculus II	5

Arts & Humanities 3 courses (9 credit hours). Select three courses, with no more than two courses from any one category.

Arts (GT-AH1)

_____	🔒 ART 110	Art Appreciation	3
_____	🔒 ART 111	Art History I	3
_____	🔒 ART 112	Art History II	3
_____	🔒 FRE 211	French Language III	3
_____	🔒 GER 211	German Language III	3
_____	🔒 GER 212	German Language IV	3
_____	🔒 ITA 211	Italian Language III	3
_____	🔒 ITA 212	Italian Language IV	3
_____	🔒 JPN 211	Japanese Language III	3
_____	🔒 JPN 212	Japanese Language IV	3
_____	🔒 RUS 211	Russian Language III	3
_____	🔒 RUS 212	Russian Language IV	3
_____	🔒 SPA 211	Spanish Language III	3
_____	🔒 SPA 212	Spanish Language IV	3
_____	🔒 MUS 120	Music Appreciation	3
_____	🔒 MUS 121	Introduction to Music History I	3
_____	🔒 MUS 122	Introduction to Music History II	3
_____	🔒 THE 105	Introduction to Theatre Arts	3
_____	🔒 THE 211	Development of Theatre I	3
_____	🔒 THE 212	Development of Theatre II	3

Literature & Humanities (GT-AH2)

_____	🔒 LIT 115	Introduction to Literature I	3
_____	🔒 LIT 201	Masterpieces of Literature I	3
_____	🔒 LIT 202	Masterpieces of Literature II	3
_____	🔒 LIT 205	Ethnic Literature	3
_____	🔒 LIT 211	Survey of American Literature I	3
_____	🔒 LIT 212	Survey of American Literature II	3
_____	🔒 LIT 221	Survey of British Literature I	3
_____	🔒 LIT 222	Survey of British Literature II	3
_____	🔒 HUM 121	Early Civilizations	3
_____	🔒 HUM 122	From Medieval to Modern	3
_____	🔒 HUM 123	The Modern World	3

Ways of Thinking (GT-AH3)

_____	🔒 PHI 111	Introduction to Philosophy	3
_____	🔒 PHI 112	Ethics	3
_____	🔒 PHI 113	Logic	3

Social & Behavioral Sciences 3 courses (9 credit hours).

Select 3 courses, 1 of which must be history, with no more than 2 courses from any 1 category

History (GT-HI1)

_____	🔒 HIS 101	History of Western Civilization I	3
_____	🔒 HIS 102	History of Western Civilization II	3
_____	🔒 HIS 201	United States (U.S.) History I	3
_____	🔒 HIS 202	United States (U.S.) History II	3
_____	🔒 HIS 247	Contemporary World History	3

Economic & Political Systems (GT-SS1)

_____	🔒 ECO 201	Principles of Macroeconomics	3
_____	🔒 ECO 202	Principles of Microeconomics	3
_____	🔒 POS 105	Introduction to Political Science	3
_____	🔒 POS 111	American Government	3

Programs

Geography (GT-SS2)

_____ 🔒 GEO 105	World Regional Geography	3
_____ 🔒 GEO 106	Human Geography	3

Human Behavior & Social Systems (GT-SS3)

_____ 🔒 ANT 101	Cultural Anthropology	3
_____ 🔒 ANT 111	Physical Anthropology	3
_____ 🔒 PSY 101	General Psychology I	3
_____ 🔒 PSY 102	General Psychology II	3
_____ 🔒 PSY 235	Human Growth and Development	3
_____ 🔒 SOC 101	Introduction to Sociology I	3
_____ 🔒 SOC 102	Introduction to Sociology II	3

Physical & Life Sciences: Complete the following. Credits over 8 will be applied to the electives category:

_____ 🔒 PHY 211	Physics: Calculus-based I with Lab	5
_____ 🔒 PHY 212	Physics: Calculus-based II with Lab	5

Wellness Requirements Transfer Level (A): PED/OUT/HSC/DAN/HWE100 or 111: 2 credits.

_____

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_____

Colorado Mountain College Requirements

Colorado Mountain College requires its graduates to be proficient in computer use. To graduate, a student must demonstrate proficiency via an examination administered by the college, or take CIS115 or CIS118. If you take the course it will be applied to the elective credit within the degree.

Electives

20 credits in any of the Science or Mathematics disciplines (BIO, CHE, GEY, MAT, MET, PHY) numbered 100-299, designated as Guaranteed Transfer (🔒) or, General Transfer (✳) in the Course Description section, and CIS 115 or CIS 118 may be used if required. No more than six credits numbered 175 or 275 may be applied to degree.

_____

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Total Elective Credits (min. 20) _____

Approved Transfer Credit

_____

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_____

Total transfer credits allowed _____

Total Credits Earned:

State Guaranteed General Education Requirements (min. 35)	_____
SPE 115 or SPE 125 (3 credits)	_____
Wellness Requirement (min. 2)	_____
Electives (min. 20)	_____
Total transfer credits allowed	_____
Total credits toward Associate of Science degree (min. 60)	_____

Associate of General Studies Degrees

Colorado Mountain College offers two types of Associate of General Studies Degrees: the Generalist Degree and program-specific AGS degrees.

AGS Degree Requirements

All AGS degrees (with the exception of the AGS-Generalist degree) are the result of articulation agreements with public baccalaureate degree-granting institutions. They are transferable only into the particular program identified by the articulation agreement. These include Criminal Justice, Elementary Education, Engineering, Outdoor Recreation Leadership, and Bilingual Elementary Education. Consult with your academic advisor for additional information.

To be accepted into an AGS program, you must demonstrate college-level proficiency through ACT/SAT scores, college transcripts or placement tests. Inadequate skills in reading, writing and mathematics may require you to enroll in developmental studies courses before enrolling in courses required for the degree. This could affect the sequence in which you can take courses and may extend the time required to earn your degree. For more details please see the Academic Placement and Testing section.

Spring Valley Campus requires all new residence hall students to enroll in the three credit Advanced Academic Achievement (AAA 109) course, and to pay appropriate tuition. This course is required because it increases the potential for students to be successful in college. Students will be exempt who transfer in with 12 or more college credits completed with a "C" grade or better.

Specific course requirements are listed on the Associate of General Studies checklists section.

You must earn 45 credits at Colorado Mountain College or, if transferring previous credits, at least 15 credits immediately preceding graduation, and fulfill all requirements of your approved program. No more than six credits numbered 175 or 275 (Special Topics), 186 or 286 (Work Experience/Internships) may be applied toward graduation. If you already have a Colorado Mountain College degree, you must earn at least 15 additional credits, not already applied to the first degree, to receive a second degree.

PHOTO: E. KOSMICKI

Plenty of help when you need it.

Programs

Generalist

STUDENT NAME	
ADVISOR	Date

The Associate of General Studies-Generalist Degree. This degree includes a basic core of General Education courses in specific discipline areas listed below. In addition, you may select up to 41 elective credits in any one academic discipline, area of personal interest, or occupational field. You must consult with an advisor to develop a written plan of objectives, and identify courses you will need to take to meet the requirements of this degree. The plan must be approved by your advisor.

The Associate of General Studies: Generalist degree is offered at all Colorado Mountain College campuses.

General Education

Communication 6 credits

GRADE/SEM	COURSE #			CREDIT
_____	🔒 ENG 121	English Composition I		3
	OR			
_____	🔒 ENG 122	English Composition II		3
AND...				
_____	✱ SPE 115	Public Speaking		3
	OR			
_____	✱ SPE 125	Interpersonal Communication		3

Mathematics/Science Minimum 3 credits from the following courses:

_____	🔒 AST 101	Astronomy I	4
_____	🔒 AST 102	Astronomy II	4
_____	🔒 BIO 105	Science of Biology	4
_____	🔒 BIO 111	General College Biology I	5
_____	🔒 BIO 112	General College Biology II	5
_____	🔒 BIO 201	Human Anatomy and Physiology I	4
_____	🔒 BIO 202	Human Anatomy and Physiology II	4
_____	🔒 BIO 204	Microbiology	4
_____	🔒 CHE 101	Introduction to Chemistry I	5
_____	🔒 CHE 102	Introduction to Chemistry II	5
_____	🔒 CHE 105	Chemistry in Context	5
_____	🔒 CHE 111	General College Chemistry I	5
_____	🔒 CHE 112	General College Chemistry II	5
_____	🔒 GEY 111	Physical Geology	4
_____	🔒 GEY 121	Historical Geology	4
_____	🔒 MAT 120	Math for Liberal Arts	4
_____	🔒 MAT 125	Survey of Calculus	4
_____	🔒 MAT 135	Introduction to Statistics	3
_____	🔒 MAT 201	Calculus I	5
_____	🔒 MAT 202	Calculus II	5
_____	🔒 MAT 121	College Algebra	4
_____	🔒 MET 150	General Meteorology	4
_____	🔒 PHY 105	Conceptual Physics	4
_____	🔒 PHY 111	Physics: Algebra-Based I with Lab	5
_____	🔒 PHY 112	Physics: Algebra-Based II with Lab	5
_____	🔒 PHY 211	Physics: Calculus-Based I with Lab	5
_____	🔒 PHY 212	Physics: Calculus-Based II with Lab	5

Social and Behavioral Sciences 3 credits from the following courses:

_____	🔒 ANT 101	Cultural Anthropology	3
_____	🔒 ANT 111	Physical Anthropology	3
_____	🔒 GEO 105	World Regional Geography	3
_____	🔒 GEO 106	Human Geography	3
_____	🔒 HIS 101	History of Western Civilization I	3
_____	🔒 HIS 102	History of Western Civilization II	3
_____	🔒 HIS 201	United States (U.S.) History I	3
_____	🔒 HIS 202	United States (U.S.) History II	3
_____	🔒 HIS 247	Contemporary World History	3
_____	🔒 POS 105	Introduction to Political Science	3
_____	🔒 POS 111	American Government	3
_____	🔒 PSY 101	General Psychology I	3
_____	🔒 PSY 102	General Psychology II	3
_____	🔒 SOC 101	Introduction to Sociology	3
_____	🔒 SOC 102	Introduction to Sociology II	3

Arts & Humanities Arts 3 credits from the following courses:

(GT-AH1)

_____	🔒 ART 110	Art Appreciation	3
_____	🔒 ART 111	Art History I	3
_____	🔒 ART 112	Art History II	3
_____	🔒 FRE 211	French Language III	3
_____	🔒 GER 211	German Language III	3
_____	🔒 GER 212	German Language IV	3
_____	🔒 ITA 211	Italian Language III	3
_____	🔒 ITA 212	Italian Language IV	3
_____	🔒 JPN 211	Japanese language III	3
_____	🔒 JPN 212	Japanese language IV	3
_____	🔒 MUS 120	Music Appreciation	3
_____	🔒 MUS 121	Introduction to Music History I	3
_____	🔒 MUS 122	Introduction to Music History II	3
_____	🔒 RUS 211	Russian Language III	3
_____	🔒 RUS 212	Russian Language IV	3
_____	🔒 SPA 211	Spanish Language III	3
_____	🔒 SPA 212	Spanish Language IV	3
_____	🔒 THE 105	Introduction to Theatre Arts	3
_____	🔒 THE 211	Development of Theatre I	3
_____	🔒 THE 212	Development of Theatre II	3

Literature & Humanities (GT-AH2)

_____	🔒 HUM121	Early Civilizations	3
_____	🔒 HUM122	From Medieval to Modern	3
_____	🔒 HUM123	The Modern World	3
_____	🔒 LIT 115	Introduction to Literature I	3
_____	🔒 LIT 201	Masterpieces of Literature I	3
_____	🔒 LIT 202	Masterpieces of Literature II	3
_____	🔒 LIT 205	Ethnic Literature	3
_____	🔒 LIT 211	Survey of American Literature I	3
_____	🔒 LIT 212	Survey of American Literature II	3
_____	🔒 LIT 221	Survey of British Literature I	3
_____	🔒 LIT 222	Survey of British Literature II	3

Ways of Thinking (GT-AH3)

_____	🔒 PHI 111	Introduction to Philosophy	3
_____	🔒 PHI 112	Ethics	3
_____	🔒 PHI 113	Logic	3

Generalist

Library resources online and at three residential campuses.

Transfer & State Guaranteed General Education Electives

(minimum 18 credits) Courses numbered 100-299 which have an asterisk (✱) or State Guarantee General Education (🔒) denotation in course description section of the catalog (No PED 100-249 or PED 275 courses allowed for this requirement):

_____
_____
_____
_____
_____
_____
_____
_____
_____

Total General Education Elective's   _____

Other Electives (minimum 25 credits) Selected from courses numbered 100-299, in the Course Description section and CIS 115 or CIS 118 if required. No PED 100-249 or PED 275 courses allowed for this requirement:

_____
_____
_____
_____
_____
_____
_____
_____
_____
_____

Wellness Requirements Transfer Level (A): PED/OUT/HSC/DAN/ HWE100 or 111: 2 credits.

_____
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_____
_____

Approved Transfer Credit

_____
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_____
_____

Total transfer credits allowed   _____

Total Credits Earned:

State Guarantee General Education (min. 15)   _____
State Guarantee & Transfer Electives (min. 18)   _____
Other Electives (min. 25)   _____
Wellness Requirements: (min. 2)   _____
Total transfer credits allowed   _____
Total credits toward Associate of
   General Studies degree (min. 60)   _____

Colorado Mountain College Requirements

Colorado Mountain College requires its graduates to be proficient in computer use. To graduate, a student must demonstrate proficiency via an examination administered by the college, or take CIS115 or CIS118. If you take the course it will be applied to the elective credit within the degree.

Associate of General Studies

STUDENT NAME	
ADVISOR	Date

Associate of General Studies: Bilingual Elementary Education Emphasis. Colorado Mountain College and Metropolitan State College of Denver have an articulation agreement that allows students to complete the AGS-Bilingual Elementary Education at CMC and transfer to MSCD to earn a Bachelor of Arts degree in Modern Languages with an emphasis in Spanish. Upon completion of the Metro State portion of this program, students will be eligible for elementary licensure with an endorsement in bilingual/bicultural education.

Under the terms of this agreement, the student must demonstrate college-level skills proficiency in reading, writing, and mathematics. The student's level of proficiency may affect the sequence of courses available and may extend the time required to complete this program. For details, see the Academic Placement and Testing section.

A grade of "B" or better is required for both English and Speech classes, and a grade of "C" or better is required for all other classes.

See the section on Scholarships and Awards for scholarship opportunities related to this program. For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 37.

Training in local classrooms.

Requirements For All Bilingual Elementary Education Students

Education 15 credits

GRADE/SEM		COURSE #		CREDIT
_____	✳	EDU 221	Introduction to Education	3
_____	✳	EDU 242	Expressive Arts in the Classroom	3
_____	✳	EDU 234	Multicultural Education	3
_____	✳	LIT 255	Children's Literature	3
_____		CHS 102	History of the Chicano in the Southwest	3

English/Speech 9 credits

_____	🔒	ENG 121	English Composition I	3
_____	🔒	ENG 122	English Composition II	3
_____	✳	SPE 115	Public Speaking	3

Mathematics 6 credits

_____	✳	MAT 155	Integrated Math I	3
_____	✳	MAT 156	Integrated Math II	3

Science 8 credits

_____	🔒	BIO 105	Science of Biology	4
_____	🔒	AST 101	Astronomy I	4

Social/Behavioral Sciences 13 credits

_____	🔒	GEO 105	World Regional Geography	3
_____	🔒	HIS 201	United States (U.S.) History I	3
_____	🔒	POS 111	American Government	3
_____	✳	PSY 237	Child & Adolescent Psychology	3
_____	✳	PSY 251	Child & Adolescent Psychology Lab	1

Humanities 9 credits

_____	🔒	ART 110	Art Appreciation	3
		OR		
_____	🔒	MUS 120	Music Appreciation	3
_____	🔒	SPA 212	Spanish Language IV	3
_____	✳	SPA 235	Spanish Reading-Writing	3

Approved Transfer Credit.

_____

_____

_____

_____

_____

_____

Total transfer credits allowed _____

Total credits toward Associate of General Studies:

General Education (min. 38) _____
Elementary Education (min. 21) _____
Bilingual Elementary Education Emphasis degree (min. 60) _____

Associate of General Studies

STUDENT NAME	
ADVISOR	Date

Associate of General Studies: Community College Engineering. This is a broad engineering discipline that incorporates skills and expertise in the areas of design, manufacturing, mechanics and thermal sciences essential to most sectors of industry and society. This 2-year degree is designed to transfer to the University of Colorado at Boulder's, College of Engineering and Applied Science. Colorado Mountain College and CU Boulder have a signed articulation agreement that allows students who complete the following curriculum to transfer to the College of Engineering and Applied Science at CU Boulder. There you may earn a Bachelor of Science degree in Mechanical Engineering. Under the terms of this agreement, you will be admitted as a junior with no loss of credit. You must have a "C" or better in each of Colorado Mountain College courses attempted in order for this agreement to be valid. Taking courses at Colorado Mountain College does not assure the student of acceptance by the University of Colorado and the College of Engineering and Applied Science. There is a prior existing agreement on admissions that is not addressed by this course articulation agreement.

A student can take any combination of the courses noted below and transfer to any degree program within the College of Engineering and Applied Science as long as they meet the minimum requirements for transfer. Courses will be evaluated on a course-by-course equivalency with the engineering curriculum of the receiving CU Boulder degree program. It is highly recommended that the student intending transfer from CMC keep in contact each semester with a faculty or staff advisor from their intended major department or degree program at CU Boulder.

You must meet all pre-requisite skills as a part of acceptance into this program. Your proficiency may affect the sequence of courses in which you may enroll and may also extend the time required to complete this program. For details see the Academic Placement and Testing section and see your Colorado Mountain College advisor.

Graduates of the program will receive an Associate of General Studies Degree in Community College Engineering.

The Community College Engineering Degree is offered at the Alpine Campus. See the course description section for more information of these courses.

State Guaranteed General Education Requirements

Required Mathematics 18 credits:

GRADE/SEM	COURSE #		CREDIT
_____	🔒 MAT 201	Calculus I	5
_____	🔒 MAT 202	Calculus II	5
_____	🔒 MAT 203	Calculus III	4
_____	🔒 MAT 266	Differential Equations w/ Linear Algebra	4
			18

Required Science 18 credits:

_____	🔒 PHY 211	Physics I: Calculus Based	5
_____	🔒 PHY 212	Physics II: Calculus Based	5
_____	🔒 PHY 213	Physics III: Calculus Based	3
_____	🔒 CHE 111	Chemistry I with Lab	5
			18

Engineering Emphasis 18 credits

_____	CAD 101	Computer Aided Design I	3
_____	✳ EGG 130	Introduction to Engineering Computing	3
OR			
_____	✳ EGG 230	Thermodynamics	3
_____	✳ EGG 140	First Year Engineering Projects	3
_____	✳ EGG 206	Mechanics of Solids	3
_____	✳ EGG 211	Engineering Mechanics I - Statics	3
_____	✳ EGG 212	Engineering Mechanics II - Dynamics	3
			18

Required Social & Behavioral Sciences: 3 courses 9 credits:

_____	🔒 ECO 201	Principles of Macroeconomics	3
_____	🔒 ECO 202	Principles of Microeconomics	3
_____	🔒 HIS 101	Western Civilization I	3

Choose 1 course (3 credits) from either Arts & Humanities or Social & Behavioral Sciences:

Arts & Humanities:

_____	🔒 PHI 111	Introduction to Philosophy	3
_____	🔒 PHI 112	Ethics	3
_____	🔒 PHI 113	Logic	3
OR			

Social & Behavioral Sciences:

_____	🔒 HIS 102	Western Civilization II	3
_____	🔒 HIS 201	U.S. History I	3
_____	🔒 HIS 202	U.S History II	3
_____	🔒 PSY 101	General Psychology I	3
_____	🔒 LIT 201	Masterpieces of Literature I	3
_____	🔒 POS 111	American Government	3

Total credits earned

Mathematics (18)	_____
Science (18)	_____
Engineering (18)	_____
General Education Requirements (12)	_____
Total transfer credits allowed	_____
Total credits toward Associate of General Studies Community College Engineering Emphasis (min. 66)	_____

STUDENT NAME	
ADVISOR	Date

Associate of General Studies: Criminal Justice Emphasis. This is a transfer program with Metropolitan State College of Denver. Colorado Mountain College, the Community Colleges of Colorado, and Metropolitan State College of Denver have signed an articulation agreement, which allows students who complete the following curriculum to transfer to Metropolitan State College Department of Criminal Justice and Criminology. There you may earn a Bachelor of Science degree in Criminal Justice and Criminology. You may emphasize in one of five areas. Under the terms of this agreement, you will be admitted as a junior with no loss of credit. You must have a "C" or better in each of Colorado Mountain College courses attempted in order for this agreement to be valid.

In addition, Colorado Mountain College has signed a transfer agreement for this program with the Sociology Department at Western State College in Gunnison, Colorado.

You must demonstrate college-level skills proficiency in reading, writing, and mathematics as a part of acceptance into this program. Your proficiency may affect the sequence of courses in which you may enroll and may also extend the time required to complete this program. For details see the Academic Placement and Testing section.

The Gavin D. Litwiller Scholarship can provide financial assistance for students; see the Financial Aid and Scholarship section for details.

For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 37.

Graduates of the program will receive an Associate of General Studies Degree in Criminal Justice.

State Guaranteed General Education Requirements

English 9 credits

GRADE/SEM	COURSE #		CREDIT
_____	🔒 ENG 121	English Composition I	3
_____	🔒 ENG 122	English Composition II	3
_____	✱ SPE 115	Public Speaking	3
	OR		
_____	✱ SPE 125	Interpersonal Communication	3

Mathematics 3 credits from the following courses:

_____	🔒 MAT 120	Math for Liberal Arts	4
_____	🔒 MAT 121	College Algebra	4
_____	🔒 MAT 122	College Trigonometry	3
_____	🔒 MAT 123	Finite Mathematics	4
_____	🔒 MAT 125	Survey of Calculus	4
_____	🔒 MAT 135	Introduction to Statistics	3
_____	🔒 MAT 166	Pre-Calculus	5
_____	🔒 MAT 201	Calculus I	5
_____	🔒 MAT 202	Calculus II	5

Science 8 credits from the following courses:

_____	🔒 AST 101	Astronomy I	4
_____	🔒 AST 102	Astronomy II	4
_____	🔒 BIO 105	Science of Biology	4
_____	🔒 BIO 111	General College Biology I	5
_____	🔒 BIO 112	General College Biology II	5
_____	🔒 BIO 201	Human Anatomy and Physiology I	4
_____	🔒 BIO 202	Human Anatomy and Physiology II	4
_____	🔒 BIO 204	Microbiology	4
_____	🔒 CHE 101	Introduction to Chemistry I	5
_____	🔒 CHE 102	Introduction to Chemistry II	5
_____	🔒 CHE 105	Chemistry in Context	5
_____	🔒 CHE 111	General College Chemistry I	5
_____	🔒 CHE 112	General College Chemistry II	5
_____	🔒 GEY 111	Physical Geology	4
_____	🔒 GEY 121	Historical Geology	4
_____	🔒 MET 150	General Meteorology	4
_____	🔒 PHY 105	Conceptual Physics	4
_____	🔒 PHY 111	Physics: Algebra- Based I with Lab	5
_____	🔒 PHY 112	Physics: Algebra-Based II with Lab	5
_____	🔒 PHY 211	Physics: Calculus-Based I with Lab	5
_____	🔒 PHY 212	Physics: Calculus-Based II with Lab	5

Arts & Humanities 3 courses (9 credit hours). Select three courses, with no more than two courses from any one category.

Arts (GT-AH1)

_____	🔒 ART 110	Art Appreciation	3
_____	🔒 ART 111	Art History I	3
_____	🔒 ART 112	Art History II	3
_____	🔒 FRE 211	French Language III	3
_____	🔒 GER 211	German Language III	3
_____	🔒 GER 212	German Language IV	3
_____	🔒 ITA 211	Italian Language III	3
_____	🔒 ITA 212	Italian Language IV	3
_____	🔒 JPN 211	Japanese Language III	3
_____	🔒 JPN 212	Japanese Language IV	3
_____	🔒 MUS 120	Music Appreciation	3
_____	🔒 MUS 121	Introduction to Music History I	3
_____	🔒 MUS 122	Introduction to Music History II	3
_____	🔒 RUS 211	Russian Language III	3
_____	🔒 RUS 212	Russian Language IV	3
_____	🔒 SPA 211	Spanish Language III	3
_____	🔒 SPA 212	Spanish Language IV	3
_____	🔒 THE 105	Introduction to Theatre Arts	3
_____	🔒 THE 211	Development of Theatre I	3
_____	🔒 THE 212	Development of Theatre II	3

Literature & Humanities (GT-AH2)

_____	🔒 HUM 121	Early Civilizations	3
_____	🔒 HUM 122	From Medieval to Modern	3
_____	🔒 HUM 123	The Modern World	3
_____	🔒 LIT 115	Introduction to Literature I	3
_____	🔒 LIT 201	Masterpieces of Literature I	3
_____	🔒 LIT 202	Masterpieces of Literature II	3
_____	🔒 LIT 205	Ethnic Literature	3
_____	🔒 LIT 211	Survey of American Literature I	3
_____	🔒 LIT 212	Survey of American Literature II	3
_____	🔒 LIT 221	Survey of British Literature I	3
_____	🔒 LIT 222	Survey of British Literature II	3

Ways of Thinking (GT-AH3)

_____	🔒 PHI 111	Introduction to Philosophy	3
_____	🔒 PHI 112	Ethics	3
_____	🔒 PHI 113	Logic	3

Social & Behavioral Sciences 3 courses (9 credit hours). Select 3 courses, 1 of which must be history, with no more than 2 courses from any 1 category

History (GT-HI1)

_____	🔒 HIS 101	History of Western Civilization I	3
_____	🔒 HIS 102	History of Western Civilization II	3
_____	🔒 HIS 201	United States (U.S.) History I	3
_____	🔒 HIS 202	United States (U.S.) History II	3
_____	🔒 HIS 247	Contemporary World History	3

Economic & Political Systems (GT-SS1)

_____	🔒 ECO 201	Principles of Macroeconomics	3
_____	🔒 ECO 202	Principles of Microeconomics	3
_____	🔒 POS 105	Introduction to Political Science	3
_____	🔒 POS 111	American Government	3

Geography (GT-SS2)

_____	🔒 GEO 105	World Geography	3
_____	🔒 GEO 106	Human Geography	3

Human Behavior & Social Systems (GT-SS3)

_____	🔒 ANT 101	Cultural Anthropology	3
_____	🔒 ANT 111	Physical Anthropology	3
_____	🔒 PSY 101	General Psychology I	3
_____	🔒 PSY 102	General Psychology II	3
_____	🔒 PSY 235	Human Growth and Development	3
_____	🔒 SOC 101	Introduction to Sociology I	3
_____	🔒 SOC 102	Introduction to Sociology II	3

Wellness Requirements Transfer Level (A): PED/OUT/HSC/DAN/HWE100 or 111: 2 credits.

_____
_____
_____
_____

Criminal Justice Emphasis 27 credits

_____	✳	CRJ 110	Introduction to Criminal Justice	3
_____	✳	CRJ 111	Substantive Criminal Law	3
_____		CRJ 112	Procedural Criminal Law	3
_____		CRJ 125	Law Enforcement Operations	3
_____		CRJ 135	Judicial Function	3
_____		CRJ 145	Correctional Process	3
_____	✳	CRJ 210	Constitutional Law	3
_____	✳	CRJ 230	Criminology	3
_____	✳	CRJ 220	Human Relations & Social Conflict	3

Total Credits Earned:

General Education (min. 38)	_____
Wellness Requirements: (min. 2)	_____
Criminal Justice (min. 27)	_____
Total transfer credits allowed	_____
Total credits toward Associate of General Studies: Criminal Justice emphasis (minimum 67)	_____

Colorado Mountain College Requirements

Colorado Mountain College requires its graduates to be proficient in computer use. To graduate, a student must demonstrate proficiency via an examination administered by the college, or take CIS115 or CIS118. If you take the course it will be applied to the elective credit within the degree.

Programs

Outdoor Recreation Leadership

Associate of General Studies

STUDENT NAME	
ADVISOR	Date

Associate of General Studies: Outdoor Recreation Leadership Emphasis. The goal of the Outdoor Recreation Leadership program is to train students to become knowledgeable and skilled leaders in a variety of adventure travel experiences. Graduates of this program can transfer to a four-year school or work as a leader in the many outdoor recreation fields. Articulation agreements have been completed with Colorado State University - Pueblo and Western State College's Department of Recreation.

The Outdoor Recreation Leadership program is academically challenging. A strong academic core transfer curriculum is combined with a variety of recreation, technical skills and field orientation courses. The Outdoor Recreation Leadership program provides a strong foundation in transfer-level liberal arts and natural science courses.

Outdoor Semester in the Rockies and Outdoor Education certificates can be applied to the Outdoor Recreation Leadership program, satisfying approximately one semester of course work.

This program has selective admission requirements which may change from year to year. It is the student's responsibility to obtain the current year's admission packet. Applicants must be able to immediately place into the following courses through acceptable scores on either SAT, ACT, or Accuplacer Placement Tests: College-level English composition (ENG121), college algebra (MAT121), and be able to read at a college-level. For more details see the Academic and Placement Testing Section. Please contact the Timberline Campus Admissions staff at 1-719-486-4291 for a program packet.

A number of scholarships are available for Outdoor Recreation Leadership students. For more information please see the Scholarship section.

First Semester
_____	🔒 ENG 121	English Composition I	3
_____	✻ PER 100	Recreation: Principles & Practice	3
_____	✻ OUT 120	Orienteering	1
_____	✻ OUT 111	Mountain Orientation	2
_____	OUT 211	Outdoor Leadership Skills	2
_____	OUT ____	Leadership Block	4
			15

Second Semester
_____	OUT 160	Level I Avalanche Seminar	1
_____	🔒 BIO 111	General College Biology I with Lab	5
_____	✻ PSY 211	Leadership Development	3
_____	PER 200	Outdoor Recreation Programming	3
_____	OUT 119	Swift Water Rescue Technician I	1
_____	OUT ___	Leadership Block	4
			17

Third Semester
_____	✻ BIO 120	Introduction to Natural History	3
_____	✻ BIO 222	General College Ecology	4
_____	✻ OUT 113	Canyon Orientation	2
_____	✻ HUM137	Wilderness & the American Ethic	3
_____	✻ General Education Elective (See below)		3
			15

Fourth Semester
_____	🔒 MAT 121	College Algebra	4
	OR		
_____	🔒 MAT 135	Introduction to Statistics	3
_____	✻ SPE 115	Public Speaking	3
	OR		
_____	✻ SPE 125	Interpersonal Communication	3
_____	✻ OUT 114	Snow Orientation	2
	OR		
_____	OUT 220	Ocean Orientation	2
_____	OUT 295	Integrating Outdoor Leadership	1
_____	✻ General Education Elective (See below)		3
			w12-13

Summer Semester
_____	OUT 287	Internship: Outdoor Leadership	2
			2

Total credits toward Associate of General Studies:

Outdoor Recreation Leadership Emphasis degree (min. 62-64) _____

Minimum Credit Hours Required	**62-63**
Minimum Contact Hours Required	**1370-1385**

Colorado Mountain College Requirements

Colorado Mountain College requires its graduates to be proficient in computer use. To graduate, a student must demonstrate proficiency via an examination administered by the college, or take CIS115 or CIS118. If you take the course it will be applied to the elective credit within the degree.

Electives: Required General Education Electives: 6-7 credits (Choose 2):
_____	🔒 ANT 101	Cultural Anthropology	3
_____	MAN216	Small Business Management	3
_____	🔒 GEY 111	Physical Geology	4
_____	✻ ANT 107	Introduction to Archaeology	3
_____	✻ CIS 118	Introduction to PC Applications	3
	OR		
_____	✻ CIS 115	Introduction to Computer Information Systems	3

Outdoor Recreation Leadership Skills Block Electives (see your advisor for scheduling the following skill block)

Kayak Touring (fall only)
_____	OUT 230 Kayak Touring Leadership Block		4

Mountaineering (fall only)
_____	OUT 232 Mountaineering Leadership Block		4

Rock Climbing (spring only)
_____	OUT 234 Rock Climbing Leadership Block		4

Ice Climbing (spring only)
_____	OUT 236 Ice Climbing Leadership Block		4

Telemark Skiing (spring only)
_____	OUT 238 Telemark Skiing Leadership Block		4

White Water (spring only)
_____	OUT 240 Whitewater Paddling Leadership Block		4

This program operates on public lands with special permits from the U.S. Forest Service and the Bureau of Land Management.

Career & Technical Degrees and Certificates

Whatever direction you choose, the Career & Technical Degrees and Certificates at Colorado Mountain College can lead you into a challenging career. Our mountain environment gives you practical opportunities to learn. Work experience allows you to practice your skills before job hunting. To stay current with the latest trends, we ask industry leaders to assist in developing and reviewing our job training programs. Our Interactive Video Network extends some of the coursework for these programs to several new locations.

The two-year Associate of Applied Science degree programs include skills training and general education course work. The programs leading to a Certificate of Occupational Proficiency take one year or less to complete and usually provide only skills training. The following pages list the curriculum of each program, and the campuses where each is offered.

This section also describes the one year certificates of occupational proficiency available at Colorado Mountain College.

Associate of Applied Science Degree Requirements

All Associate of Applied Science Degree programs have the following minimum requirements:

1. Completion of at least 60 semester hours.

2. Achievement of a cumulative grade point average of 2 ("C" average), or "P" (passing) or better on all courses taken at Colorado Mountain College. At least 80 percent of the semester hours applied toward graduation must be letter graded.

3. Completion of 45 semester hours at Colorado Mountain College or at least 15 semester hours at Colorado Mountain College immediately preceding graduation.

4. Fulfillment of all requirements of the specific program, including:

a. Completion of all occupational courses required in a specified occupational program.

b. Completion of a plan of study which is directed toward meeting the student's declared intent and purpose for pursuing studies in a specific program. In addition to required occupational courses, it is recommended that courses be taken, where appropriate, from other areas which relate to the specific program being studied.

5. Completion of at least 15 semester hours of General Education courses as listed below or which are a part of the Associate of Arts degree State Guarantee General Education Curriculum.

6. Courses in physical activities shall not be included in the 60 semester hours minimum except where specifically noted.

7. No more than six semester hours applied toward graduation may be Special Topics.

8. If you already have a Colorado Mountain College degree, you must earn at least 15 additional credits, not already applied to the first degree, to receive a second degree.

Spring Valley Campus requires all new residence hall students to enroll in the three credit Advanced Academic Achievement (AAA 109) course, and to pay appropriate tuition. This course is required because it increases the potential for students to be successful in college. Students will be exempt who transfer in with 12 or more college credits completed with a "C" grade or better.

AAS General Education Options

In addition to the General Education classes listed for the Associate of Arts program, you may also apply the following courses to your AAS General Education requirements.

Course Code	Course Name
BIO 230	Animal Anatomy & Physiology I
BIO 231	Animal Anatomy & Physiology I Lab
BIO 232	Animal Anatomy & Physiology II
BIO 233	Animal Anatomy & Physiology II Lab
BUS 217	Business Communications & Report Writing
CIS 118	Intro to PC Applications
ENG 105	Applied Communications
ENG 115	Technical English & Communication
ENG 131	Technical Writing I
MAT 106	Survey of Algebra
MAT 108	Technical Math
PSY 106	Human Relations
PSY 211	Leadership Development
SPE 115	Public Speaking
MAT 107	Career Math

Certificates of Occupational Proficiency

Occupational certificate programs provide technical training in specific skills. Unlike associate degree programs, the curriculum usually includes only job skills training and not general education courses. However, you will be asked to demonstrate basic reading, writing and mathematics skills before entering a certificate program. Your proficiency may affect the sequence of courses in which you may enroll and may also extend the time required to complete your program. For more details please see the Academic Placement and Testing section.

Individual programs and courses have certain physical and academic standards which you may be required to meet before you are admitted to that program or enrolled in that course.

Occupational certificate programs are designed to prepare you for immediate employment and are usually one year or less in duration.

Certificates of Occupational Proficiency Requirements

1. Achievement of a cumulative grade point average of 2 ("C" average), or "P" (passing) or better on all courses taken at Colorado Mountain College. At least 80 percent of the semester hours applied toward graduation must be letter graded.

2. Fulfill all requirements of the specific program.

3. Have been enrolled at Colorado Mountain College as a part-time or full- time student for at least 10 semester hours immediately preceding completion of graduation requirements. The exceptions are Emergency Medical Technician, Real Estate and Nurse Assistant certificates, in which all classes must be taken at Colorado Mountain College.

Spring Valley Campus requires all new residence hall students to enroll in the three credit Advanced Academic Achievement (AAA 109) course, and to pay appropriate tuition. This course is required because it increases the potential for students to be successful in college. Students will be exempt who transfer in with 12 or more college credits completed with a "C" grade or better.

Programs

STUDENT NAME	
ADVISOR	Date

Associate of Applied Science: Accounting. The Accounting program provides you with entry-level skills in the field of accounting. Graduates will be prepared for employment as bookkeepers, accounting paraprofessionals, accounting assistants, and computer accounting assistants in public accounting, industry and government. If you are currently employed, the degree offers the opportunity for job upgrading. If you wish to transfer, consider the Associate of Arts program.

The program offers you the opportunity to develop a mixture of basic communication and mathematics skills, technical accounting and computer skills, and basic business skills necessary to succeed in a business world that increasingly relies on information processing communication.

You must demonstrate college-level proficiency in reading, writing and mathematics before entering this program. Your skills in these areas may affect the sequence of courses in which you can enroll and may also extend the time required to complete this program. For more details see Academic Placement and Testing section.

Graduates of the program will receive an Associate of Applied Science Degree in Accounting. The Accounting Degree is offered at all campuses. For a description of the courses, see the section on Course Descriptions. Following is a suggested sequence of courses. Accounting electives are listed under the certificate program. See your advisor to develop your own schedule.

First Semester

_____	✽	ACC 121	Accounting Principles I	4
_____	🔒	ENG 121	English Composition I	3
_____	🔒	ECO 201	Principles of Macroeconomics	3
_____	✽	BUS 115	Introduction to Business	3
_____	✽	CIS 118	Introduction to PC Applications	3
				16

Second Semester

_____	✽	ACC 122	Accounting Principles II	4
_____	✽	BUS 217	Business Communication and Report Writing	3
_____	🔒	ECO 202	Principles of Microeconomics	3
_____	🔒	MAT 121	College Algebra	4
		OR		
_____	✽	BUS 226	Business Statistics	3
_____	✽	CIS 155	PC Spreadsheet Concepts	3
				16-17

Third Semester

_____	✽	BUS 216	Legal Environment of Business	3
_____	✽	ACC 131	Income Tax	3
_____		ACC ____	Accounting Electives	8
				14

Fourth Semester

_____		ACC 235	Computerized Accounting for Small Businesses	3
_____	✽	SPE 115	Public Speaking	3
_____		ACC ____	Accounting Electives	8
				14

Minimum Credit Hours Required	**60-61**
Minimum Contact hours Required	**900-915**

Certificate: Accounting. In one year, the Accounting Certificate provides you with entry-level skills as an accounting clerk or bookkeeper. If you are currently employed, the certificate program provides an opportunity for job upgrading.

You must demonstrate college-level proficiency in reading, writing and mathematics before entering this program. Your skills in these areas may affect the sequence of courses in which you can enroll and may also extend the time required to complete this program. For more details see Academic Placement and Testing section.

Graduates of the program will receive a Certificate of Occupational Proficiency in Accounting.

The Accounting Certificate is offered at all campuses. Following is a suggested sequence of courses. For a description of the courses, see the section on Course Descriptions. See your advisor to develop your own schedule.

First Semester

_____	✽	ACC 121	Accounting Principles I	4
_____	🔒	ENG 121	English Composition I	3
_____		MAT 107	Career Math	3
		OR		
_____	🔒	MAT 121	College Algebra	4
		OR		
_____	✽	BUS 226	Business Statistics	3
_____	✽	CIS 118	Introduction to PC Applications	3
_____		ACC ____	Accounting Electives	3
				16

Second Semester

_____	✽	ACC 122	Accounting Principles II	4
_____		ACC 235	Computerized Accounting for Small Businesses	3
_____	✽	CIS 155	PC Spreadsheet Concepts	3
_____	✽	BUS 217	Business Communication and Report Writing	3
_____		ACC ____	Accounting Electives	6
				19

Accounting Electives for Certificate and Degree

_____	ACC 115	Payroll Accounting	3
_____	ACC 131	Income Tax	3
_____	ACC 211	Intermediate Accounting I	4
_____	ACC 212	Intermediate Accounting II	4
_____	ACC 215	Introduction to Accounting Information Systems & E-Business	3
_____	ACC 216	Governmental & Not-for-Profit Accounting	3
_____	ACC 226	Cost Accounting	3
_____	ACC 287	Cooperative Education	3
_____	MAN 225	Managerial Finance	3
_____	ACC 231	Business Taxation	3

Minimum Credit Hours Required	**35**
Minimum Contact hours required	**525**

STUDENT NAME	
ADVISOR	Date

Certificate: Animal Shelter Management. This program has been developed for the student with a background in animal care, management and/or medicine that wishes to become involved in the animal shelter industry. There are many Humane Society, private non-profit, and government shelters throughout the United States and, at this time, there are few schooling options for anyone choosing this career path. This program is designed to provide students with the skills to enter a large shelter at the mid-management level or a small shelter at the management level.

This curriculum includes many of the courses included in the Associate of Applied Science degree in Veterinary Technology and credits may be applied toward that degree if you have met the admission requirements.

You must demonstrate acceptable proficiency levels in reading, writing, and mathematics as pre-requisites for courses within this degree or certificate. Your proficiency may affect the sequence in which you can enroll and may also extend the time required to complete this program. For more details, please see the Academic Placement and Testing section.

Graduates of the program will receive a Certificate of Occupational Proficiency in Animal Shelter Management.

Veterinary CARE Animal Shelter is located on the farm.

The Animal Shelter Management Certificate is offered at the Roaring Fork-Spring Valley Campus. See the section on Course Descriptions for more detail. Following is a suggested sequence of courses. See your advisor to develop your own schedule.

_____	VET 100	Introduction to Veterinary Technology	3
_____	VET 105	Animal Handling and Restraint	2
_____	VET 189	Work Experience	3
_____	VET 260	Veterinary Clinical Management	3
_____ ✽	ACC 101	Fundamentals of Accounting	2
_____	MAN216	Small Business Management	3
OR			
_____	MAN200	Human Resources Management I	(3)
_____ ✽	PSY 211	Leadership Development	3
OR			
_____ ✽	PSY 106	Human Relations	(3)
_____	VET 102	Computer Applications for Veterinary Technicians	1
_____ ✽	SPE 215	Professional & Business Speaking	1
OR			
_____ ✽	SPE 115	Public Speaking	(3)

Minimum Credit Hours Required   **21-23**

Minimum Contact Hours Required   **345 - 375**

Programs

STUDENT NAME	
ADVISOR	Date

Certificate: Automotive Service Technology. This certificate will prepare students for a career in the auto service industry. Career areas include Automotive Service Technician with specialty areas that include: Electrical/Electronic Systems; Brakes; Suspension and Steering; Engine Repair; Heating and Air Conditioning. Additionally, students will be prepared for specific NATEF, National Automotive Technicians Education Foundation certification in those specific career areas.

You must demonstrate acceptable proficiency levels in reading, writing, and mathematics as pre-requisites for courses within this certificate. Your proficiency may affect the sequence in which you can enroll and may also extend the time required to complete this program. For more details, please see the Academic Placement and Testing section.

Graduates of the program will receive a Certificate of Occupational Proficiency in Automotive Service Technology. Additionally, students will be able to receive a Certificate of Occupational Proficiency in their NATEF Specialty area.

Automotive Service Technology is offered through the Vail/Eagle Valley Campus. Contact the Vail/Eagle Valley Campus for course schedule information. See the section called Course Descriptions for more detail.

Following is a suggested sequence of courses. See your advisor to develop your own schedule.

_____	ASE 101	Auto Shop Orientation	2
_____	ASE 110	Brakes I	3
_____	ASE 120	Basic Automotive Electricity	2
_____	ASE 123	Automotive Battery, Starting & Charging Systems	2
_____	ASE 130	General Engine Diagnosis	2
_____	ASE 132	Ignition System Diagnosis and Repair	2
_____	ASE 140	Suspension & Steering I	3
_____	ASE 161	Engine Disassembly Diagnosis & Assembly	5
_____	ASE 210	Brakes II	3
_____	ASE 220	Specialized Electronic Training	2
_____	ASE 221	Automotive Body Electrical	4
_____	ASE 231	Automotive Computers	2
_____	ASE 240	Suspension and Steering II	3
_____	ASE 265	Automotive Heating & Air Conditioning	5

Minimum Credit Hours: 40
Minimum Contact Hours: 900

Certificates that meet National Automotive Technicians Education Foundation (NATEF) requirements:

Electrical/Electronic Systems

_____	ASE 101	Auto Shop Orientation	2
_____	ASE 120	Basic Automotive Electricity	2
_____	ASE 123	Automotive Battery, Starting & Charging Systems	2
_____	ASE 130	General Engine Diagnosis	2
_____	ASE 220	Specialized Electronic Training	2
_____	ASE 221	Automotive Body Electrical	4
_____	ASE 231	Automotive Computers	2

Total Required Credits for Certificate: 16

Brakes

_____	ASE 101	Auto Shop Orientation	2
_____	ASE 110	Brakes I	3
_____	ASE 210	Brakes II	3

Total Required Credits for Certificate: 8

Suspension & Steering

_____	ASE 101	Auto Shop Orientation	2
_____	ASE 140	Suspension and Steering I	3
_____	ASE 240	Suspension & Steering II	3

Total Required Credits for Certificate: 8

Engine Repair

_____	ASE 101	Auto Shop Orientation	2
_____	ASE 130	General Engine Diagnosis	2
_____	ASE 161	Engine Disassembly Diagnosis & Assembly	5

Total Required Credits for Certificate: 9

Heating & Air Conditioning

_____	ASE 101	Auto Shop Orientation	2
_____	ASE 120	Basic Automotive Electricity	2
_____	ASE 265	Automotive Heating & Air Conditioning	5

Total Required Credits for Certificate: 9

Business

STUDENT NAME	
ADVISOR	Date

Associate of Applied Science Degree: Business. The Business program prepares students for general business functions and fundamental marketing and management concepts. Upon completion, students should qualify for job entry in a variety of general business positions. Students already employed in these areas acquire the background necessary for professional development directed toward job advancement.

You must demonstrate college-level proficiency in reading, writing and mathematics before entering this program. Your skills in these areas may affect the sequence of courses in which you can enroll and may also extend the time required to complete this program. For more details see Academic Placement and Testing section.

Graduates of the program will receive an Associate of Applied Science Degree: Business.

For a description of these courses, see the section called Course Descriptions. The Business Degree is offered at all campuses.

General Education (15 credits):

_____	✱ CIS 118	Introduction to PC Applications	3
_____	🔒 ENG 121	English Composition I	3
_____	🔒 PHI 112	Ethics	3
_____	✱ SPE 115	Public Speaking	3
_____	✱ PSY 106	Human Relations	3
		OR	
_____	✱ PSY 211	Leadership Development	3
			15

Business Core (12 credits):

_____	✱ BUS 115	Introduction to Business	3
_____	✱ BUS 216	Legal Environment of Business	3
_____	✱ BUS 217	Business Communication & Report Writing	3
_____	🔒 BUS 226	Business Statistics	3
			12

Required Courses: (33 credits):

_____	✱ ACC 121	Accounting Principles I	4
_____	✱ ACC 122	Principles of Accounting II	4
_____	CIS 155	PC Spreadsheet Concepts: Excel	3
_____	🔒 ECO 201	Principles of Macroeconomics	3
_____	🔒 ECO 202	Principles of Microeconomics	3
_____	MAN 200	Human Resource Management I	3
_____		Advised Electives (ACC, BUS, CIS, MAN, MAR, SBM)	13

Minimum Credit Hours Required 60
Minimum Contact Hours Required 900

Certificate: Business. The Business program prepares students for general business functions and fundamental marketing and management concepts. Upon completion, students should qualify for job entry in a variety of general business positions. Students already employed in these areas acquire the background necessary for professional development directed toward job advancement. A basic core program is required of everyone. Flexibility is achieved through the selection of program electives.

You must demonstrate college-level proficiency in reading, writing and mathematics before entering this program. Your skills in these areas may affect the sequence of courses in which you can enroll and may also extend the time required to complete this program. For more details see Academic Placement and Testing section.

Graduates of the program will receive a Certificate of Occupational Proficiency in Business. The Business Certificate is offered at all campuses.

Required Courses (29 credits)

_____	✱ ACC 121	Principles of Accounting I	4
_____	✱ ACC 122	Principles of Accounting II	4
_____	✱ BUS 115	Introduction to Business	3
_____	✱ BUS 216	Legal Environment of Business	3
_____	✱ CIS 118	Introduction to PC Applications	3
_____	🔒 ENG 121	English Composition I	3
_____	🔒 ECO 201	Principles of Macroeconomics	3
_____	🔒 ECO 202	Principles of Microeconomics	3
_____	🔒 BUS 226	Business Statistics	3
			29

Communications Electives (3 credits)

_____	✱ BUS 217	Business Communication & Report Writing	3
		OR	
_____	✱ SPE 115	Public Speaking	3
			3

Business Electives (6 credits)

_____	SBM 287	Cooperative Education	3
_____	SBM 151	Small Business Planning	3
_____	MAN 200	Human Resource Management I	3
_____	MAN 216	Small Business Management	3
_____	CIS 155	PC Spreadsheet Concepts: Excel	3
_____	MAR 111	Principles of Sales	3
_____	MAR 117	Principles of Retailing	3
_____	✱ PSY 106	Human Relations	3
_____	MAR 220	Principles of Advertising	3
_____	🔒 PHI 112	Ethics	3
_____	✱	Advised Electives (ACC, BUS, CIS, MAN, MAR, SBM)	3

Minimum Credit Hours Required 38
Minimum Contact Hours Required 570

Programs

STUDENT NAME	
ADVISOR	Date

Certificate (CLETA). The Colorado Law Enforcement Training Academy includes the basic training and certification required for employment as a law enforcement officer in the State of Colorado. This program covers procedures, investigation techniques, laws and technical skills.

Colorado Mountain College will not accept CRJ106, CRJ107, or CRJ108 in transfer, and also will not accept challenge for these courses. To enroll in these courses you must be admitted to the Colorado Mountain College Academy, or be currently employed as a police officer in the state of Colorado, or have permission of the Academy Director. Students are responsible for all associated cost some of which are: CBI background check, and P.O.S.T. Certification.

You must demonstrate college-level proficiency in reading, writing, and mathematics as a part of acceptance into this program. Your proficiency may affect the sequence of courses in which you can enroll and may also extend the time required to complete this program. For details see the Academic Placement and Testing section.

No person who has been convicted of a felony OR certain misdemeanor offenses may be certified to serve as a peace officer or reserve peace officer in the state of Colorado.

It is the responsibility of each applicant to determine their eligibility for certification prior to enrolling in this training program.

Graduates of the program will receive a Certificate of Occupational Proficiency in Colorado Law Enforcement Training Academy (CLETA).

CLETA training is offered at the Roaring Fork-Spring Valley Campus and Timberline-Chaffee County Center. CLETA is a POST-approved training academy. See the Course Description section for more detail.

_____	CRJ 101	Basic Law Enforcement Academy I	8
_____	CRJ 102	Basic Law Enforcement Academy II	6
_____	CRJ 103	Basic Law Enforcement Academy III	2
_____	CRJ 105	Basic Law	6
_____	CRJ 106	Arrest Control Techniques	3
_____	CRJ 107	Law Enforcement Driving	3
_____	CRJ 108	Firearms	3
_____	CRJ 123	Law Enforcement Survival Spanish	1
Minimum Credit Hours Required			**32**
Minimum Contact Hours Required			**593**

We strongly recommend that you have a current First Aid and infant/child CPR certification at the time of graduation. The following course is recommended:

_____	HWE 103 Community First Aid & Safety	.5

Our Law Enforcement Academy graduates are sought by agencies throughout the region.

STUDENT NAME	
ADVISOR	Date

Associate of Applied Science Degree: Culinary Arts. Career opportunities for professional chefs represent one of the fastest growing employment fields in the United States.

The Culinary Arts program combines an Associate of Applied Science degree with a 4000-hour, European-style, ACF approved apprenticeship. Students study the classical foundations of modern cuisine as well as a broad scope of business courses designed to prepare individuals for the challenges of today's food service industry. Additionally, students are able to complete two certificates as they progress through the program; Certificate of Garde Manger in the first year and Apprentice Cook Certificate in the second year.

This is a very demanding program, running nine consecutive semesters during three years. Students average a five-day workweek in a variety of resort kitchens and usually attend classes one day a week. All students are registered as apprentices with The American Culinary Federation.

This program has selective admission requirements. Admission criteria may change from year to year. Therefore, it is the student's responsibility to obtain the current year's admission packet. An admission packet can be obtained by contacting Pre-Enrollment Services. You must be selected for admission to enroll in this program.

You must demonstrate reading, writing, and mathematical skills before entering this program. Your proficiency may affect the sequence of courses in which you can enroll and may also extend the time required to complete the program. For more details, see Academic Placement and Testing section.

Graduates of the program earn an Associate of Applied Science Degree of Culinary Arts and are also eligible to be awarded Certified Culinarian credentials by The American Culinary Federation. Certified Culinarian is the first level of certification issued on the way to becoming a Certified Executive Chef.

The Culinary Arts Institute Scholarship is available. See the scholarship section for application information.

Culinary Arts is offered at the Summit and Vail/Eagle Valley Campuses.

General Education Requirements for AAS degree:

_____ ✳	MAT 107	Career Math	3
_____ ✳	CIS 118	Introduction to PC Applications	3
_____ 🔒	ENG 121	English Composition	3
_____ ✳	SPE 115	Public Speaking	3
_____ ✳	Advised General Ed Elective		3
			15

First Year: Certificate of Garde Manger

_____	CUA 101	Food Safety & Sanitation	2
_____	CUA 121	Introduction to Food Production Principles and Practices	1
_____	CUA 122	Introduction to Stocks, Soups and Sauces	1
_____	CUA 123	Introduction to Garde Manger	1
_____	CUA 124	Vegetable Preparation and Breakfast Cookery	1
_____	CUA 126	Intermediate Soups and Sauces	1
_____	CUA 131	Starches, Pastas, Casseroles and Grain Products	1
_____	CUA 156	Nutrition for the Hospitality Professional	3
_____	CUA 182	Culinary Arts Practicum I	3
_____	CUA 183	Culinary Arts Practicum II	3
_____	CUA 242	Intermediate Garde Manger	1
_____	CUA 251	Advanced Garde Manger	1
			19

Second Year: Apprentice Cook Certificate

_____	CUA 130	Center of the Plate: Poultry	1
_____	CUA 135	Center of the Plate: Beef and Veal	1
_____	CUA 137	Center of the Plate: Fish and Seafood	1
_____	CUA 138	Food & Beverage Service	2
_____	CUA 139	Center of the Plate: Pork, Lamb, and Game	1
_____	CUA 141	Introduction To Baking Principles	1
_____	CUA 142	Basic Yeast-Raised Products and Quick Breads	1
_____	CUA 143	Baking: Cakes, Pies, Pastries and Cookies	1
_____	CUA 184	Culinary Arts Practicum III	3
_____	CUA 253	Advanced Seminar in Sauce	1
_____	CUA 255	Supervision in the Hospitality Industry	3
_____	CUA 282	Culinary Practicum IV	3
			19

Third Year: AAS Degree Completion requirements along with the General Education courses.

_____	CUA 261	Costs Controls	3
_____	CUA 265	Menu Planning and Purchasing	4
_____	CUA 283	Culinary Arts Practicum V	3
_____	CUA 284	Culinary Arts Practicum VI	3
			13

Minimum Credit Hours Required	**66**
Minimum Contact Hours Required	**4817.5**

Programs

STUDENT NAME	
ADVISOR	Date

Associate of Applied Science: Early Childhood Education. This program enables students to meet the educational qualification for group leader and director as defined by the Department of Human Services of the State of Colorado. This program provides training for those who want to become involved in the care of young children from birth to age eight. Courses in theory and lab experience are combined to provide a comprehensive base of growth and development, with a strong emphasis on field experiences. Early intervention, high risk, gifted and developmentally delayed issues are included. Employment may be found in child care centers, preschools, kindergartens, nursery schools, after-school programs, recreational centers, playground, and other programs serving children from birth to age eight.

You must demonstrate college-level proficiency in reading, writing, and mathematics as a part of acceptance into this program. Your proficiency may affect the sequence of courses in which you can enroll and may also extend the time required to complete this program. For details see the Academic Placement and Testing section.

For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 37.

Graduates will receive an Associate of Applied Science Degree in Early Childhood Education. Following is a suggested sequence of courses. See your advisor to develop your own schedule.

General Education Requirements   Credits

_____	ENG 115	Technical English & Communication	3
OR			
_____ 🔒	ENG 121	English Composition I	(3)
_____	MAT 107	Career Math	3
_____ 🔒	PSY 101	General Psychology I	3
_____ ✱	CIS 118	Introduction to PC Applications	3
_____ 🔒	SOC 101	Introduction to Sociology I	3
			15

Degree Requirements

_____ ✱	ECE 101	Introduction to Early Childhood Education	3
_____	ECE 102	Introduction to Early Childhood Lab Techniques	3
_____	ECE 111	Infant & Toddler Theory and Practice	3
_____	ECE 112	Introduction to Infant/Toddler Lab Techniques	3
_____ ✱	ECE 226	Creativity & the Young Child	3
_____	ECE 103	Guidance Strategies for Children	3
_____ ✱	PSY 238	Child Development	3
OR			
_____	ECE 238	Child Growth and Development	4
_____	ECE 205	Nutrition, Health & Safety	3
_____	ECE 241	Administration: Human Relations for Early Childhood Education	3
_____	ECE 240	Administration: Early Childhood Care & Education Programs	3
_____	ECE 220	Curriculum Development: Methods & Technique	3
_____	ECE 188	Practicum: Early Childhood Education	3
_____	ECE 260	Exceptional Child	3
_____	ECE ____	Advised Elective	(min. 3 cr)
_____	ECE ____	Advised Elective	(min. 3 cr)
			45-46

Minimum Credit Hours Required	**60-61**
Minimum Contact Hours Required	**990 - 1020**

Early Childhood Education is a growing field.

Early Childhood Education

STUDENT NAME

ADVISOR | Date

Certificates: Early Childhood Education. These certificates enable students to meet the educational qualifications for Group Leader or Director as defined by the Department of Human Services of the State of Colorado.

This curriculum includes many of the courses included in the Associate of Applied Science degree in Early Childhood Education and credits may be applied toward that degree.

You must demonstrate college-level proficiency in reading, writing, and mathematics as a part of acceptance into this program. Your proficiency may affect the sequence of courses in which you can enroll and may also extend the time required to complete this program. For details see the Academic Placement and Testing section.

Early Childhood Education: Group Leader

_____ ✱	ECE 101	Introduction to Early Childhood Education	3

AND...

_____	ECE 102	Introduction to Early Childhood Lab Techniques	3
OR			
_____	ECE 111	Infant & Toddler Theory & Practice	(3)

AND...

_____	ECE 112	Introduction to Infant/Toddler Lab Techniques	(3)
_____	ECE 103	Guidance Strategies for Children	3
_____	ECP 220	Curriculum Development Methods & Techniques	3
_____ ✱	ECE 238	Child Growth and Development	4

Minimum Credit Hours Required   **16**

Minimum Contact Hours Required   **300**

Early Childhood Education: Director

_____ ✱	ECE 101	Introduction to Early Childhood Education	3

AND...

_____	ECE 102	Introduction to Early Childhood Lab Techniques	3
_____	ECE 103	Guidance Strategies for Children	3
_____	ECE 220	Curriculum Development Methods & Techniques	3
_____ ✱	ECE 238	Child Growth and Development	4
_____	ECE 205	Nutrition, Health & Safety	3
_____	ECE 241	Administration: Human Relations for Early Childhood Professions	3
_____	ECE 240	Administration of Early Childhood Care and Education Programs	3

Minimum Credit Hours Required   **25**

Minimum Contact Hours Required   **435**

Electrician

STUDENT NAME

ADVISOR | Date

Certificate: Electrician Apprenticeship. This program consists of 576 hours of classroom training, or 144 hours per year, and 8000 hours of on-the-job training. The program fulfills State of Colorado requirements for Journeyman Electrician and prepares the apprentice to pass the State of Colorado's licensing test. Both the business sponsors and the apprentice will be registered with the U.S. Department of Labor's Apprenticeship Training program.

You must demonstrate college-level proficiency in reading, writing, and mathematics as a part of acceptance into this program. Your proficiency may affect the sequence of courses in which you can enroll and may also extend the time required to complete this program. For details see the Academic Placement and Testing section.

Graduates will receive a Certificate of Occupational Proficiency as they complete each level of the program. Graduates of the entire program will receive a Certificate of Occupational Proficiency in Electrician Apprenticeship.

The Electrician Apprenticeship Certificate is offered via interactive television and on the web. Check with your local campus for the nearest site. Students need to be working in the field in order to complete the required on-the-job training hours. Colorado Mountain College is not able to find employment for students. For a description of these courses, see the section called Course Descriptions.

Introduction to Electricity & Wiring I

_____	ELC 121	Electricity and Wiring I	5
_____	ELC 122	Electricity and Wiring II	5

Minimum Credit Hours Required   **10**

Minimum Contact Hours Required   **144**

Electricity & Wiring II

_____	ELC 161	Electricity and Wiring III	5
_____	ELC 162	Electricity and Wiring IV	5

Minimum Credit Hours Required   **10**

Minimum Contact Hours Required   **144**

Electricity & Wiring III

_____	ELC 221	Electricity and Wiring V	5
_____	ELC 222	Electricity and Wiring VI	5

Minimum Credit Hours Required   **10**

Minimum Contact Hours Required   **144**

Electricity & Wiring IV

_____	ELC 261	Electricity and Wiring VII	5
_____	ELC 262	Electricity and Wiring VIII	5

Minimum Credit Hours Required   **10**

Minimum Contact Hours Required   **144**

Total Minimum Credit Hours Required   **40**

Total Minimum Contact Hours Required   **576**

Programs

STUDENT NAME	
ADVISOR	Date

Associate of Applied Science Degree: EMT Paramedic. This program will prepare individuals to provide pre-hospital emergency medical care to patients of all ages, and provides additional academic instruction to prepare students for leadership positions in emergency care. The coursework provides instruction in acute care, critical differences in physiology, pathophysiology, and clinical symptoms so that appropriate emergency assessment and treatment can be provided, and the necessary information communicated to a responsible physician. General education courses provide students with skills needed to either become supervisors or continue their emergency medicine education.

This program prepares the students for the National Registry Paramedic Examination. Students are responsible for all associated cost some of which are: CBI background check, National Registry Exam and Colorado Certification.

This program has selective admission requirements. Admission criteria may change from year to year. Therefore, it is the student's responsibility to obtain the current year's admission packet. An admission packet can be obtained by contacting Pre-Enrollment Services. You must be selected for admission to enroll in this program. Students are responsible for all associated costs some of which are: CBI background check, National Registry Exam and Colorado Certification.

The only paramedic training in Western Colorado.

You must demonstrate college-level proficiency in reading, writing, and mathematics as a part of acceptance into this program. Your proficiency may affect the sequence of courses in which you can enroll and may also extend the time required to complete this program. For details see the Academic Placement and Testing section. Graduates of the program will receive an Associate of Applied Science Degree in EMT-Paramedic.

EMT-Paramedic is offered at Vail-Eagle Valley Campus. See the Course Description section for more detail.

The following is a suggested sequence of courses. This schedule assumes that the student already has an EMT-Basic certification. See your advisor to develop your own schedule.

General Education

_____	🔒	BIO 111	General College Biology I with Lab	5
_____	✳	BIO 201	Human Anatomy and Physiology I	4
_____	✳	BIO 202	Human Anatomy and Physiology II	4
_____		HPR 190	Basic EKG Interpretation	2
_____		EMS 130	EMT Intravenous Therapy	2
_____	✳	CIS 118	Introduction to PC Applications	3
_____		MAT 107	Career Math	3
_____	🔒	ENG 121	English Composition I	3
				26

Paramedic Certificate Required Courses

_____	EMS 225	Fundamentals of Paramedic Practice	3
_____	EMS 226	Fundamentals of Paramedic Practice Lab	2
_____	EMS 227	Paramedic Special Considerations	3
_____	EMS 228	Paramedic Special Considerations Lab	2
_____	EMS 229	Paramedic Pharmacology	3
_____	EMS 230	Paramedic Pharmacology Lab	2
_____	EMS 231	Paramedic Cardiology	5
_____	EMS 232	Paramedic Cardiology Lab	1
_____	EMS 233	Paramedic Medical Emergencies	4
_____	EMS 234	Paramedic Medical Emergencies Lab	1
_____	EMS 235	Paramedic Trauma Emergencies	4
_____	EMS 236	Paramedic Trauma Emergencies Lab	1
_____	EMS 237	Paramedic Internship Preparatory	2
_____	EMS 280	Paramedic Internship I	6
_____	EMS 281	Paramedic Internship II	6
			45

Minimum Credit Hours Required	**71**
Minimum Contact Hours Required	**1635**

Career & Technical Degrees and Certificates

STUDENT NAME	
ADVISOR	Date

Certificate: Emergency Medical Technician – Basic. The Colorado Health Department requires specific training for those who work as emergency medical technicians in emergency care situations. This program covers those requirements and prepares students for the National Registry examination. Students are required to submit the proper paperwork for a background check prior to enrolling in EMS/EMT Basic. Students are responsible for all associated cost some of which are: CBI background check, National Registry Exam and Colorado Certification.

The EMT program may be taken in conjunction with other course work or independently. However, because of the limited course requirements, it is not appropriate as a sole course of study for full-time students.

You must demonstrate college-level proficiency in reading, writing, and mathematics as a part of acceptance into this program. Your proficiency may affect the sequence of courses in which you can enroll and may also extend the time required to complete this program. For details see the Academic Placement and Testing section.

Graduates of the program will receive a Certificate of Occupational Proficiency in Emergency Medical Services.

The EMT Certificate is offered at all campuses except Roaring Fork-Spring Valley. For a description of this course, see the section called Course Descriptions.

_____	EMS 125	EMT Basic	9
_____	EMS 170	EMT Basic Clinical	1

Minimum Credit Hours Required   **10**
Minimum Contact Hours Required   **176**

Certificate: Emergency Medical Technician – Paramedic. This certificate provides the highest level of pre-hospital medical care for sick and injured persons. This Field is growing at an enormous rate. EMT-Paramedic is the highest certification for a pre-hospital provider, requiring high-level responsibilities, such as patient stabilization, extrication, scene management, advanced level life support procedures, and patient transportation.

The one-year program at Colorado Mountain College will train you to deal with these and many other types of emergencies. During three semesters, you will complete over 1000 hours of classroom and clinical and field instruction. This program prepares the students for the National Registry Paramedic Examination. Students are responsible for all associated cost some of which are: CBI background check, National Registry Exam and Colorado Certification.

You must demonstrate college-level proficiency in reading, writing, and mathematics as a part of acceptance into this program. Your proficiency may affect the sequence of courses in which you can enroll and may also extend the time required to complete this program. For details see the Academic Placement and Testing section.

This program has selective admission requirements. Admission criteria may change from year to year. Therefore, it is the student's responsibility to obtain the current year's admission packet. An admission packet can be obtained by contacting Pre-enrollment Services. You must be selected for admission to enroll in this program.

Graduates of the program will receive a Certification of Occupational Proficiency in EMT-Paramedic.

EMT-Paramedic is offered at the Vail/Eagle Valley Campus. See the Course Description section for more detail.

Current pre-requisites for EMT-Paramedic admission are:

_____	EMS 125	EMT-Basic	9
_____ 🔒	BIO 111	General College Biology I with Lab	5
_____ ✱	BIO 201	Human Anatomy and Physiology I	4
_____ ✱	BIO 202	Human Anatomy and Physiology II	4
_____	EMS 130	EMT Intravenous Therapy	2
_____	HPR 190	Basic EKG Interpretation	2
_____	CPR	Health Care Provider Level	
			27

Paramedic Certificate Required Courses

_____	EMS 225	Fundamentals of Paramedic Practice	3
_____	EMS 226	Fundamentals of Paramedic Practice Lab	2
_____	EMS 227	Paramedic Special Considerations	3
_____	EMS 228	Paramedic Special Considerations Lab	2
_____	EMS 229	Paramedic Pharmacology	3
_____	EMS 230	Paramedic Pharmacology Lab	2
_____	EMS 231	Paramedic Cardiology	5
_____	EMS 232	Paramedic Cardiology Lab	1
_____	EMS 233	Paramedic Medical Emergencies	4
_____	EMS 234	Paramedic Medical Emergencies Lab	1
_____	EMS 235	Paramedic Trauma Emergencies	4
_____	EMS 236	Paramedic Trauma Emergencies Lab	1
_____	EMS 237	Paramedic Internship Preparatory	2
_____	EMS 280	Paramedic Internship I	6
_____	EMS 281	Paramedic Internship II	6

Minimum Credit Hours Required   **45**
Minimum Contact Hours Required   **1297.5**

STUDENT NAME	
ADVISOR	Date

Certificate: Wilderness Emergency Medical Services. (Pending state approval.) This program prepares students to work with organizations such as the National Park Service, Bureau of Land Management, ecologists and foresters, guides, outdoor education counselors, search & rescue, and outfitters that require additional knowledge and skills, along with pre-hospital training.

Wilderness medicine extends the topics commonly taught in Emergency Medical Technician programs. Wilderness medicine, in the context of emergencies, presumes that the ambulance or air ambulance is hours to days from arriving. This is a very real possibility when an injury occurs in the backcountry. Wilderness medicine also includes issues such as environmental injury from cold, heat, or high altitude as well as the effects of toxic plants and animals.

You must demonstrate acceptable proficiency levels in reading, writing, and mathematics as pre-requisites for courses within this certificate. Your proficiency may affect the sequence in which you can enroll and may also extend the time required to complete this program. For more details, please see the Academic Placement and Testing section.

Students must hold and provide proof of a current EMT- B or higher certification or RN license to enroll in the Wilderness Upgrade course. The Wilderness Upgrade course is part of the American Safety and Health Institute's (ASHI) Wilderness EMT-Upgrade certification.

Graduates of the program will receive a Certificate of Occupational Proficiency in Wilderness Emergency Medical Services.

The Wilderness EMS Certificate is offered at the Summit Campus. For more information see the Course Description section.

The Wilderness EMS program brings the next level of training for outdoor professionals.

Required Courses:

_____	OUT 119	Swift Water Rescue Technician I	1
_____	OUT 160	Level I Avalanche Seminar	1
_____	OUT 210	Survival Skills	1
_____	OUT 211	Outdoor Leadership Skills	2
_____	OUT 164	Alpine Rescue: Snow, Ice, Crevasse	2
_____	OUT 166	High Angle Rescue: Vertical Rope	2
_____	EMS 162	Wilderness EMT: Upgrade	3

Minimum Credits Required   **12**
Minimum Contact Hours Required   **270**

Fire Science

STUDENT NAME	
ADVISOR	Date

Associate of Applied Science Degree: Fire Science Technology. This degree is designed to prepare students for the fire service, either as a volunteer or career fire fighter. The basics of fire science, equipment, organization, fire service occupational safety and health, investigations, codes and fire detection will be covered. The two-year degree program provides comprehensive technical training and general education course work necessary for employment and job advancement.

You must demonstrate acceptable proficiency levels in reading, writing, and mathematics as pre-requisites for courses within this degree or certificate. Your proficiency may affect the sequence in which you can enroll and may also extend the time required to complete this program. For more details, please see the Academic Placement and Testing section.

Graduates of the program will receive an Associate of Applied Science Degree in Fire Science Technology.

Fire Science Technology is offered at the Summit and Vail/Eagle Valley Campuses. Contact these sites for course schedule information. See the section called Course Descriptions for more detail.

Following is a suggested sequence of courses. See your advisor to develop your own schedule.

Required Courses

_____	FST 102	Introduction to Fire Science & Suppression	3
_____	FST 103	Firefighter Occupational Health & Safety	3
_____	FST 104	Fire Protection Systems	3
_____	FST 105	Building Plans & Construction	3
_____	FST 106	Fire Inspection Practices	3
_____	FST 107	Hazardous Materials Operations (Level I)	3
_____	FST 201	Instructional Methodology	3
_____	FST 202	Firefighting Strategy & Tactics	3
_____	FST 203	Fire Science Hydraulics	3
_____	FST 204	Fire Codes & Ordinances	3
_____	FST 205	Fire Cause Determination	3
_____	FST 206	Fire Company Supervision & Leadership	3
			36

General Education Requirements

_____ ✱	CIS 118	Introduction to PC Applications	3
_____ 🔒	CHE 101	Introduction to Chemistry I	5
_____ 🔒	ENG 121	English Composition I	3
_____	MAT 107	Career Math	3
OR			
_____ 🔒	MAT 121	College Algebra	4
_____ ✱	SPE 115	Public Speaking	3
_____ ✱	PSY 101	General Psychology I	3
			20-21

Electives (Choose a minimum of 8 credits)

_____	FST 100	Firefighter I	9
_____	FST 151	Driver Operator	3
_____	FST 152	Wildland Firefighter	3
_____	FST 254	Hazardous Materials Technician Level	3
_____	FST 261	Fire Operations in the Urban Interface	2
_____	EMS 125	EMT Basic	9
AND...			
_____	EMS 170	EMT Basic Clinical	1
Minimum Credit Hours Required			**64**
Minimum Contact Hours Required			**975**

Certificate: Fire Academy I. This certificate program prepares students for the entry level in the fire service. Students learn the entry-level skills necessary to respond to emergencies in their communities. These include medical, fire-related, and hazardous materials incidents.

This curriculum includes courses included in the Associate of Applied Science degree in Fire Science Technology and credits may be applied toward that degree.

You must demonstrate acceptable proficiency levels in reading, writing, and mathematics as pre-requisites for courses within this degree or certificate. Your proficiency may affect the sequence in which you can enroll and may also extend the time required to complete this program. For more details, please see the Academic Placement and Testing section.

Graduates of the program will receive a Certificate of Occupational Proficiency in Fire Academy I.

Following is a suggested sequence of courses. See your advisor to develop your own schedule.

_____	EMS 125	EMT Basic	9
AND...			
_____	EMS 170	EMT Basic Clinical	1
_____	FST 100	Fire Fighter I	9
_____	FST 107	Hazardous Materials and Operations (Level I)	3
Minimum Credits Required			**22**
Minimum Contact Hours Required			**326**

Certificate: Fire Academy II. This certificate program is intended to advance fire fighters to the next level in the fire service. Students will learn new skills at the Fire Fighter II and hazardous materials Technician levels. Completion of Fire Academy I, or its equivalent is required.

This curriculum includes courses included in the Associate of Applied Science degree in Fire Science Technology and credits may be applied toward that degree.

You must demonstrate acceptable proficiency levels in reading, writing, and mathematics as pre-requisites for courses within this degree or certificate. Your proficiency may affect the sequence in which you can enroll and may also extend the time required to complete this program. For more details, please see the Academic Placement and Testing section.

Graduates of the program will receive a Certificate of Occupational Proficiency in Fire Academy II.

_____	FST 101	Fire Fighter II	3
_____	FST 254	Hazardous Materials Technician Level	3
Minimum Credits Required			**6**
Minimum Contact Hours Required			**90**

Geographic Information Systems

STUDENT NAME	
ADVISOR	Date

Certificate: Geographic Information Systems. (Pending state approval.) Students will acquire fundamental skills needed for navigating and using ArcView 3.3 and ArcGIS 9.0. This certificate is designed for those students wishing to have practical experience and application utilizing Geospatial Software. Students selecting the GIS Certificate will be required to design a study plan, acquire geospatial data, map geospatial data, query geospatial data, and present findings of data collected.

You must demonstrate acceptable proficiency levels in reading, writing, and mathematics as pre-requisites for courses within this certificate. Your proficiency may affect the sequence in which you can enroll and may also extend the time required to complete this program. For more details, please see the Academic Placement and Testing section.

Graduates of the program will receive a Certificate of Occupational Proficiency in Geographic Information Systems.

The Geographic Information System Certificate is offered at the Timberline Campus. The courses are described in the Course Description section.

Geographic Information Systems:

_____	GIS 100	Geographic Information Systems Fundamentals	1
_____	NRE 242	Conservation GIS – Using Arc View	3

Minimum Credit Hours Required	**4**
Minimum Contact Hours Required	**85.5**

Golf Club Management

STUDENT NAME	
ADVISOR	Date

Associate of Applied Science: Golf Club Management. This degree will prepare students for a career in the golf and tourism industry. Resort and public golf courses and clubs are some of the fastest developing sectors of the tourism/recreation industry and will require a trained staff to apply competent, professional business procedures together with the skills and knowledge acquired through practical, hands-on experience. The Golf Club Management program is designed to provide students with the skills and knowledge necessary to succeed in a supervisory or management capacity at a golf club.

You must demonstrate acceptable proficiency levels in reading, writing, and mathematics as pre-requisites for courses within this degree or certificate. Your proficiency may affect the sequence in which you can enroll and may also extend the time required to complete this program. For more details, please see the Academic Placement and Testing section.

Graduates of the program will be eligible to receive an Associate of Applied Science Degree in Golf Club Management from Colorado Mountain College.

Many of the courses in the Professional Golf Management program are designed to transfer to baccalaureate degree granting institutions; see your advisor for details. Following is a suggested sequence of courses. See your advisor to develop your own schedule.

The Golf Club Management degree is offered at Alpine Campus. See the Course Description section for more information on these classes.

General Education

_____	🔒	ENG 121	English Composition I	3
_____	✳	SPE 115	Public Speaking	3
_____	✳	CIS 118	Introduction to PC Applications	3
_____	✳	BUS 217	Business Communications & Report Writing	3
_____	✳	BUS 115	Introduction to Business	3
_____	🔒	BUS 226	Business Statistics	3
				18

Required Courses

_____	GCM 120	Golf Management	3
_____	GCM 150	Contemporary Club Management	3
_____	GCM 160	Golf Shop Management	3
_____	HLT 243	Golf Turf Management	3
_____	HOS 110	Introduction to Hospitality	3
_____	HOS 148	Introduction to Food & Beverage Management	3
_____	HOS 221	Basic Hotel and Restaurant Accounting	3
			21

Advised Electives (15 credits)

_____		GCM 187	Work Experience	6
_____		GCM 240	Tournament Operations and the Rules of Golf	3
_____		GCM 260	Club Fitting and Repair	3
_____		GCM 287	Work Experience	6
_____		HOS 219	Hospitality Law	3
_____		HOS 226	Supervision in the Hospitality Industry	3
_____		HOS 231	Facilities Management and Design	3
_____		HOS 246	Marketing Hospitality Services	3
_____		HOS 255	Human Resource Management	3
_____	✳	ACC 121	Principles of Accounting I	4
_____	✳	ACC 122	Accounting Principles II	4
		OR		
_____			Advised Electives (GCM, HOS, SKB, HLT, OUT, SAO)	

Minimum Credit Hours Required	**60**
Minimum Contact Hours Required	**900**

Graphic Design

STUDENT NAME	
ADVISOR	Date

Associate of Applied Science: Graphic Design. This program will prepare you for careers in the field of visual communications. The program focuses on traditional and computer graphics, advertising and digital prepress. Employment opportunities are found in print shops, advertising agencies, newspapers, and publications and marketing departments in other businesses and industries.

You must demonstrate college-level proficiency in reading, writing and mathematics before entering this program. Your proficiency may affect the sequence of courses in which you can enroll and may also extend the time required to complete this program. For more details, see the Academic Placement and Testing section. Graphic Design (MGD) courses must be completed with a grade of "C" or better to move to the next course in sequence or to satisfy graduation requirements.

Graduates of the program will receive an Associate of Applied Science Degree in Graphic Design.

The Graphic Design degree is offered at Roaring Fork-Spring Valley. See the section on Course Descriptions for more detail.

Following is a suggested sequence of courses. See your advisor to develop your own schedule.

First Semester

_____	MGD101	Introduction to Computer Graphics	3
_____ 🔒	ENG 121	English Composition I	3
_____ ✳	ART 121	Drawing I	3
_____ ✳	ART 131	2-D Design	3
_____ 🔒	ART 110	Art Appreciation	3
OR			
_____ 🔒	ART 111	Art History I	3
			15

Second Semester

_____ ✳	ART 122	Drawing II	3
OR			
_____ ✳	ART 156	Figure Drawing I	3
_____	MGD105	Typography & Layout	3
_____	MGD111	Adobe Photoshop I	3
_____	MGD112	Adobe Illustrator I	3
_____	MGD207	Illustration I	3
_____ ✳	SPE 115	Public Speaking	3
			18

Third Semester

_____	MGD133	Graphic Design I	3
_____	MGD208	Illustration II	3
_____	MGD213	Electronic Pre-press	3
_____	PHO 205	Digital Photography	3
_____	MAT 107	Career Math	3
OR			
_____ 🔒	MAT 121	College Algebra	3
_____ ✳	PSY 106	Human Relations	3
OR			
_____ 🔒	PSY 101	General Psychology	3
			18

Fourth Semester

_____	MGD203	Design & Concept	3
_____	MGD233	Graphic Design II	3
_____	MGD289	Capstone	3
_____ ✳	MAN216	Small Business Management	3
OR			
_____ ✳	BUS 115	Introduction to Business	3

PLUS choose one of the following:

_____	MGD141	Web Design I	3
_____	MGD287	Cooperative Education	3
_____	MGD212	Adobe Illustrator II	3
_____		Advised Elective (MGD, CWB, ART)	3
			15

Minimum Credit Hours Required	**66**
Minimum Contact Hours Required	**1397.5**

Macintosh labs equipped with the latest graphics software and hardware.

Programs

STUDENT NAME	
ADVISOR	Date

Certificate: Graphic Design. This certificate program prepares you for careers in electronic publishing. Employment opportunities are in corporate communications departments, newspapers, and print shops, as well as other businesses and industries.

The program focuses on the design and production of electronically prepared documents, promotional pieces, and reports. Keyboarding proficiency is required.

You must demonstrate college-level proficiency in reading, writing and mathematics before entering this program. Your skills in these areas may affect the sequence of courses in which you can enroll and may also extend the time required to complete this program. Graphic Design courses must be completed with a grade of "C" or better to move to the next course in sequence or to satisfy graduation requirements. For more details, see the Academic Placement and Testing section.

Graduates of this program will receive a Certificate of Occupational Proficiency in Graphic Design.

Following is a suggested sequence of courses. See your advisor to develop your own schedule.

The Graphic Design Certificate is offered at Roaring Fork Campus-Spring Valley. See the section on Course Descriptions for more detail.

_____	MGD101	Introduction to Computer Graphics	3
_____	MGD105	Typography & Layout	3
_____	MGD111	Adobe Photoshop I	3
_____	MGD112	Adobe Illustrator I	3
_____	MGD203	Design and Concept	3
_____	MGD213	Electronic Pre-press	3
_____✱	MAN216	Small Business Management	3
_____✱	ART 131	2-D Design	3
_____🔒	ENG 121	English Composition I	3

Minimum Credit Hours Required   **27**
Minimum Contact Hours Required   **562.5**

Certificate: Graphic Design for the Internet. This certificate program prepares you for careers in design for the World Wide Web. Millions of individuals, businesses, government agencies, and institutions are seeking to establish a presence on the World Wide Web. This explosive growth of the Internet has created a need for skilled graphic designers to create, design, produce and update millions of new and existing Web pages and sites.

This program focuses on the design and production of web pages and sites. You will study the elements and principles of design, along with digital color theory, while developing a foundation of technology skills. You will learn to apply traditional design theory to the processes used in designing for the Web to create visually appealing web sites that attract and hold the attention of an audience who desires to access information with a minimum of confusion.

You must demonstrate college-level proficiency in reading, writing and mathematics before entering this program. Your skills in these areas may affect the sequence of courses in which you can enroll and may also extend the time required to complete this program. Graphic Design courses must be completed with a grade of "C" or better to move to the next course in sequence or to satisfy graduation requirements. For more details, see the Academic Placement and Testing section.

Graduates of this program will receive a Certificate of Occupational Proficiency in Graphic Design for Internet.

Following is a suggested sequence of courses. See your advisor to develop your own schedule.

The Graphic Design for Internet Certificate is offered at Roaring Fork Campus-Spring Valley. Graphic Design courses are described in more detail in the Course Description section.

_____	MGD101	Introduction to Computer Graphics	3
_____	MGD111	Adobe Photoshop I	3
_____	MGD112	Adobe Illustrator I	3
_____	MGD118	Digital Color Theory	3
_____	MGD141	Web Design I	3
_____	MDG143	Web Motion Graphic Design I	3
_____	MGD241	Web Design II	3
_____✱	ART 131	2-D Design	3
_____🔒	ENG 121	English Composition	3

Minimum Credit Hours Required   **27**
Minimum Contact Hours Required   **585**

STUDENT NAME	
ADVISOR	Date

Associate of Applied Science Degrees: Information Technology.
The A.A.S. degree and Certificates of Occupational Proficiency are designed to prepare students for careers in several information technology fields. Some programs provide students with the knowledge and hands-on skills to build, secure, and manage local area networks (LANs) and wide area networks (WANs), while others focus on Microsoft Office computer skills, web site and web application development. Additionally, courses provide students with the necessary skills and knowledge to pass specific industry certifications, such as A+, Server+, Security+, HTI+, CCNA, and CCNP.

The A.A.S. Degree includes general education and occupational certificate credits or emphasis areas. Students may select a course of study that best meets their career goals while earning their associates degree. Students must complete a minimum of 15 credits of general education courses, 6 IT required credits, complete at least one Occupational Certificate and other courses applicable to the degree using advised electives, to meet the minimum requirement of 60 credits for the A.A.S. Degree.

Students must demonstrate college-level proficiency in reading and mathematical skills before entering this program. Skills in these areas may affect the sequence of courses in which he/she can enroll and may also extend the time required to complete this program.

Graduates in the program will receive an Associate of Applied Science Degree or Certificate of Occupational Proficiency in Information Technology.

The Information Technology program is offered at most campuses and through distance learning. For details see a Colorado Mountain College advisor and the Academic Placement and Testing section. For a full description of these courses see the section called Course Descriptions.

Required General Education for all Areas of Emphasis

(Areas of Emphasis/Certificates are listed below the General Education Requirements)

_____ 🔒	ENG 121	English Composition I	3
_____	MAT 107	Career Math	3
OR			
_____ 🔒	MAT 121	College Algebra	(4)
_____ ✳	SPE 115	Public Speaking	3
_____ ✳	PSY 106	Human Relations	3
_____ ✳	General Education Electives		3
			15-16

Required IT Courses:

_____ ✳	CIS 115	Introduction to Computer Information Systems	3
OR			
_____ ✳	CIS 118	Introduction to PC Applications	(3)
_____	CNG 101	Introduction to Networking	3
			6

Certificate of Occupational Proficiency or Area of Emphasis for IT Associate of Applied Science Degree

- A+ Computer Technician
- Cisco Certified Network Professional (CCNA)
- Cisco Certified Network Professional (CCNP)
- Home Technology Integration
- Information Security Specialist
- Microsoft Office Specialist
- Server +
- Web Application Developer
- Web Site Developer Certificate

Certificate: A+ Computer Technician. This certificate provides a broad base of knowledge and competency in core hardware and operating system technologies including installation, configuration, diagnosing, preventive maintenance, and basic networking. It is a foundation certificate for computer repair technicians.

Additionally, this certificate prepares students to take the CompTIA A+ certification exams, an international industry credential that validates the knowledge of computer service technicians with the equivalent of 500 hours of hands-on experience. Major hardware and software vendors, distributors and resellers accept CompTIA A+ certification as the standard in foundation-level, vendor-neutral certification for service technicians. The exams cover a broad range of hardware and software technologies, but are not bound to any vendor-specific products. For a full description of these courses, see the section called Course Descriptions. These classes are offered at the Aspen, Roaring Fork, Summit and Vail/Eagle Valley Campuses.

_____	CNG 121	Computer Technician I: A+	4
_____	CNG 122	Computer Technician II: A+	4

Minimum Credit Hours Required   **8**

Minimum Contact Hours Required

Certificate: Cisco Certified Network Associate (CCNA). This program prepares students to design, build and maintain networks capable of supporting national and global organizations. Coursework covers a complete range of basic through advanced networking concepts - from pulling cable through such complex concepts of subnet masking rules and strategies. Methods of learning are varied, with interactive on-line lessons, texts, movies, and extensive hands-on applications. Upon successful completion, the program graduate is qualified to take the Cisco Certified Network Associate examination. For a full description of these courses, see the section called Course Descriptions. The Cisco Certified Network Associate program is offered at Roaring Fork, and Summit Campuses and via distance education.

_____	CNG 260	Cisco Network Associate I	5
_____	CNG 261	Cisco Network Associate II	5
_____	CNG 262	Cisco Network Associate III	5
_____	CNG 263	Cisco NetworkAssociate IV	5

Minimum Credit Hours Required   **20**
Minimum Contact Hours Required   **300**

Programs

STUDENT NAME	
ADVISOR	Date

Certificate: Cisco Certified Network Professional, CCNP. This program is designed to produce a Cisco Certified Network Professional (CCNP). The CCNP is recognized in the Networking/Data Communications industry as a technical professional working with inter-networked systems that predominantly includes LAN and WAN routers and LAN switches. The CCNP certification indicates advanced or journeyman knowledge of networks. With a CCNP, a network professional can install, configure, and operate LAN, WAN, and dial access services for organizations with networks of more than 500 nodes, including but not limited to these protocols: IP, IGRP, IPX, Async Routing, AppleTalk, Extended Access Lists, IP RIP, Route Redistribution, Route Summarization, OSPF, VLSM, BGP, Serial, Frame Relay, ISDN, ISL, X.25, ATM, DDR, PSTN, PPP, VLANs, Ethernet, Access Lists, 802.10, FDDI, Transparent and Translational Bridging. For a full description of these courses, see the section called Course Descriptions. These classes are offered at the Roaring Fork-Glenwood Center.

_____	CNG 265	Cisco Network Professional I	5
_____	CNG 266	Cisco Network Professional II	5
_____	CNG 267	Cisco Network Professional III	5
_____	CNG 268	Cisco Network Professional IV	5

Minimum Credit Hours Required   **20**

Minimum Contact Hours Required   **300**

Certificate: Home Technology Integration. This is a growing field that integrates and troubleshoots various home sub-systems that enables consumers to take advantage of and fully enjoy the "connected home lifestyle." The demand for skilled integration professionals has grown significantly, and both potential candidates and the industry have indicated that an entry-level certification for this job role is needed. If you have at least one year of experience in the following business areas, a HTI certificate can make a positive difference in your career: information technology, building trades, electricians, HVAC installation, audio/video integration and home security.

This certificate prepares you to take the test for CompTIA HTI+ certification. It is based on a set of standards designed to measure the mastery of core competencies regarding the installation, integration and troubleshooting of the following automated home sub-systems: Home Security, Audio/Video, Computer Networks, Electrical Wiring, HVAC (Heating/Air Conditioning Systems), Cable/Satellite, Broadband, Telecommunications and Structured Wiring.

Graduates of the program will receive a Certificate of Occupational Proficiency in Home Integration. The Home Integration Certificate is offered at Glenwood Center - Roaring Fork Campus and via distance education. See the Course Description section for more detail.

_____	CIS 128	Windows Complete	3
_____	CNG 101	Introduction to Networking	3
_____	CNG 264	Home Technology Integration	5

Minimum Credit Hours Required   **11**

Minimum Contact Hours Required   **165**

Certificate: Information Security Specialist. The Information Security Specialist Certificate is designed for students with an interest in the wide range of activities associated with the protection of information, one of an organization's most vital assets. This certificate provides a foundation in computer operations, programming and data communications with a breadth and depth of instruction in information security.

These courses are designed to give a basic understanding and working knowledge in information security as well as prepare the student to pass the CompTIA Security+ exam; a vendor-neutral certification exam considered the worldwide standard of competency for foundation-level security practitioners. For more information see the Course Description section.

Graduates of the program will receive a Certificate of Occupational Proficiency as an Information Security Specialist. The Information Security Specialist Certificate is offered at the Vail/Eagle Valley Campus and via distance learning. See the Course Description section for more detail.

_____	CNG 101	Introduction to Networking	3
_____	CNG 131	Network Security Fundamentals	3
_____	CNG 132	Principles of Information Security	3
_____	CNG 133	Network Security: Fire Walls and Intrusion Detection and Network Security	3

Minimum Credit Hours Required: **12**

Minimum Contact Hours Required: **180**

Certificate: Microsoft Office Specialist. This program prepares you to earn an industry certificate as a Proficient Specialist or Expert Specialist for the Microsoft Office Suite of productivity software. Colorado Mountain College's certificate teaches all the skills necessary to pass each Microsoft application expert exam and thereby earn the globally recognized MOS Master certification. Graduates of this program will receive a Microsoft Office Specialist Certification.

The Microsoft Office Specialist program is offered at Roaring Fork, Summit, and Vail/Eagle Valley Campuses and via distance learning. See the Course Description section for more detail.

_____	CIS 110	Introduction to the PC	1
OR			
_____ ✱	CIS 118	Introduction to PC Applications	(3)
_____ ✱	CIS 124	Introduction to Operating Systems	3
OR			
_____	CIS 128	Windows Complete	(3)
_____	CIS 135	Complete PC Word Processing	3
_____	CIS 140	Microsoft Outlook	1
_____	CIS 145	Complete PC Database	3
_____	CIS 155	PC Spreadsheet Concepts	3
_____	CIS 165	Complete Presentation Graphics	3

Minimum Credit Hours Required: **17-19**

Minimum Contact Hours required   **255-285**

STUDENT NAME	
ADVISOR	Date

Certificate: Server +. This certificate introduces multi-uses, multi-tasking networking operating systems.   Focus is on characteristics of Linux, Unix, Windows 2000, 2003, NT, and XP networking operating systems and explores a variety of topics including installation procedures, security issues, back-up procedures and remote access. The program prepares students for the Comp TIA Server + certification and the Linux + certification. The Server + certificate is offered at Roaring Fork Campus. See the Course Description section for more detail.

_____	CNG 101 Introduction to Networking	3
_____	CNG 128 IT Essentials II: Network Operating Systems	5

Minimum Credit Hours Required: **8**
Minimum Contact Hours required: **120**

Certificate: Web Application Developer. This program will prepare students for careers as Web Developers, Webmasters, and Software Programmers. Upon completion of the degree, the student will be able to create interactive Web pages using client- and server-side Web applications that interface with relational database systems. The student will be able to program in Java, Visual Basic, SQL, ASP, Cold Fusion, Perl, JavaScript, HTML, XML, and PHP languages as well as manage and maintain web sites and web servers.

Graduates of the program will be eligible to receive an Associate of Applied Science Degree in Web Application Developer from Colorado Mountain College. The Web Application Developer certificate is offered at the Roaring Fork and Vail/Eagle Valley Campuses.

_____	MGD 141 Web Design I	3
_____	CWB 130 Web Editing Tools	3
_____	CWB 205 Complete Web Scripting	3
_____	CWB 208 Web Application Development	3
_____	CSC 119 Introduction to Programming	3
OR		
_____	CSC 240 Java Programming	3
OR		
_____	CSC 260 Introduction to ASP.NET	(3)
OR		
_____	Advised Elective (CIS, CSC, CWB, MGD)	(3)
AND...		
_____	CIS 145 Complete PC Database	3
OR		
_____	CIS 240 Database Design and Development	(3)
OR		
_____	Advised Elective (CIS, CSC, CWB, MGD)	(3)

Minimum Credit Hours Required: **24**
Minimum Contact Hours Required: **337.5**

Certificate: Web Site Developer. This certificate is in response to the increased demand of web site developer skills in the business environment. This certificate is designed to provide you with the skills and abilities necessary to succeed in the web page and site production processes with particular emphasis on design elements involving layout, navigation, and interactivity. Additionally, you are introduced to advanced web editing techniques, the server-side scripting environment, as well as key application standards such as source and revision control, coding standards, code optimization and data integrity. The Web Site Developer Certificate is offered at the Roaring Fork and Vail/Eagle Valley Campuses. See the Course Description section for more detail on these courses.

_____	MGD 141 Web Design I	3
_____	CWB 130 Web Editing Tools	3
_____	CSC 119 Introduction to Programming	3
_____	CWB 205 Complete Web Scripting	3
OR		
_____	CWB 208 Web Application Development	(3)
OR		
_____	CSC 240 Java Programming	(3)
OR		
_____	Advised Elective (CIS, CSC, CWB, MGD)	(3)

Minimum Credit Hours Required: **12**
Minimum Contact Hours Required: **202.5**

Campuses are wired with smart classrooms.

Programs

STUDENT NAME	
ADVISOR	Date

Associate of Applied Science: Natural Resource Management. This degree provides graduates with entry-level skills in a variety of environmental science fields. The degree combines aquatic and terrestrial resource management. Students will be trained in career fields of field monitoring techniques, hydrology, soils science, environmental law and others.

Graduates work in the areas of earth resources, geology, watershed science, geography, fishery and wildlife biology, forest sciences, and forest biology/forest management, natural resource recreation and tourism, including rangeland science and rangeland ecology, and waste management/hazardous materials. To provide four-year educational opportunities for student, Colorado Mountain College's Natural Resource Management program has signed transfer agreements with Mesa State College in Grand Junction and Western State College in Gunnison Colorado. Please work with your advisor to meet the special requirements for each of these institutions.

The Natural Resource Management program includes a summer internship, as well as the opportunity to work in environmental positions locally while completing the degree. The NRM program typically has work experience positions available during the academic year as well as during the summer break.

You must demonstrate acceptable proficiency levels in reading, writing, and mathematics as pre-requisites for courses within this degree or certificate. Your proficiency may affect the sequence in which you can enroll and may also extend the time required to complete this program. For more details, please see the Academic Placement and Testing section.

Graduates of the program will receive an Associate of Applied Science Degree in Natural Resource Management.

The Timberline Campus Endowed Scholarship may be available to assist Natural Resource Management students. For application information, see the scholarship section.

The Associate of Applied Science Degree in Natural Resource Management is offered at the Timberline Campus. NRM courses are described in the Course Description section. Following is a suggested sequence of courses. See your advisor to develop your own schedule.

First Semester

_____ 🔒	MAT 121	College Algebra	4
_____ ✱	GEY 111	Physical Geology	4
_____	GIS 100	Geographic Information Systems Fundamentals	1
OR			
_____ 🔒	SOC 101	Introduction to Sociology I	(3)
_____	NRE 102	Introduction to Natural Resources Management	3
_____	NRE 121	Introduction to Hydrology	3
			15-17

Second Semester

_____ 🔒	BIO 111	General College Biology I with Lab	5
_____	ENT 141	Surveying I	4
OR			
_____ 🔒	CHE 111	General College Chemistry I	(5)
_____ 🔒	ENG 121	English Composition I	3
_____ ✱	CIS 118	Introduction to PC Applications	3
_____	NRE 127	Field Monitoring Techniques	2
			17-18

Summer Semester

_____	OSH 152	Hazardous Waste: Operations & Emergency Response	3
_____	NRE 287	Cooperative Education	2
			5

Third Semester

_____ ✱	BIO 222	General College Ecology	4
_____ 🔒	ENG 122	English Composition II	3
_____	NRE 227	Reclamation Site Monitoring	3
_____	NRE 242	Conservation GIS – Using ArcView	3
OR			
_____ 🔒	CHE 112	General College Chemistry II	(5)
_____	ECO 245	Environmental Economics	3
OR			
_____	MAT 135	Introduction to Statistics	(3)
			16-18

Fourth Semester

_____	AGY 240	Introductory Soil Science	4
_____	NRE 210	Hazardous & Non-Hazardous Waste Management	3
_____	NRE 214	Environmental Issues and Ethics	3
OR			
_____	HUM or SOC Advised General Education Elective		(3)
_____	NRE 289	Capstone	2
			12

Minimum Credit Hours Required   **65-68**

Minimum Contact Hours Required   **1185-1210**

Natural Resource Management, learning how to restore land and water.

STUDENT NAME	
ADVISOR	Date

Certificate: Certified Nurse Aide. This program provides training in the fundamentals of individualized nursing care. The one semester course teaches you skills necessary to work in health centers with acute care patients.

You must demonstrate college-level proficiency in reading, writing, and mathematics as a part of acceptance into this program. Your proficiency may affect the sequence of courses in which you can enroll and may also extend the time required to complete this program. For details see the Academic Placement and Testing section.

Graduates will receive a Certificate of Occupational Proficiency in Certified Nurse Aide and be eligible to take the state exam for CNA.

The Certified Nurse Aide Certificate is offered at Alpine, Roaring Fork, Timberline and Vail/Eagle Valley Campuses. For more information see the Course Description section.

_____	NUA 101	Certified Nurse Aide Health Care Skills	4
_____	NUA 170	Nurse Assistant Clinical Experience	1

Minimum Credit Hours Required   **5**

Minimum Contact Hours Required   **120**

Certificate: Practical Nursing. The primary role of the practical nurse is to provide nursing care for clients in structured health care settings who are experiencing common, well defined health problems. Practical nurses actively participate in and subscribe to the legal and ethical tenets of the discipline. Practical Nurses provide care in hospitals, doctors' offices, clinics, and long-term care facilities. Students will learn to perform therapeutic and preventive-nursing interventions based upon knowledge of biological, psychological, social, spiritual, cultural, and developmental concepts. These concepts are used when providing individualized care in accordance with the Colorado Nurse Practice Act. Following completion of the program, graduates are eligible to apply to take the National Council Licensing Exam (NCLEX-PN) to obtain their LPN licensure. The Colorado Mountain College Practical Nursing program is approved by the Colorado State Board of Nursing.

You must demonstrate college-level proficiency in reading, writing and mathematics for acceptance into this program. That is primarily determined by the mandatory completion of the Nursing Examination Test (NET) as part of your pre-admission requirements. Your proficiency may affect the sequence of courses in which you can enroll and may also extend the time required to complete the program.

This program has selective admission requirements. Admission criteria may change from year to year. Therefore, it is the student's responsibility to obtain the current year's admission packet. An admission packet can be obtained by downloading the form "Nursing Application" at the following web address: http://www.coloradomtn.edu/forms/ or by contacting Pre-Enrollment Services. You must be selected for admission to enroll in this program. The admission packet must be completed and is usually due by mid-February for the following fall semester. Students in the Practical Nursing Program will be required to pass a math/medication examination in selected clinical courses. Failure to pass math/medication exams will result in failure to progress in the Practical Nursing Program.

Following is an approved sequence of courses. To take courses with NUR prefixes students must be accepted into the nursing program and have permission of the Director of Nursing. Please see your advisor. All applicants accepted into the Nursing Programs will receive a history and physical form that must be completed by his/her medical care provider and submitted before enrolling in the Program. Accepted students will be required to obtain a criminal background check and are subject to random drug testing at various times throughout the Nursing Program. These are requirements of our clinical sites. Fees associated with these requirements are the student's responsibility.

Several scholarships may be available to assist nursing students. For more information see the Course Description section.

The Practical Nursing Certificate program is offered at Roaring Fork Campus-Spring Valley.

To earn the Practical Nursing Certificate of Occupational Proficiency, you must complete the following general education courses with a "C" or higher from an accredited college. Because of workload, we strongly suggest you complete them before entering this program:

_____	🔒	BIO 111	General College Biology I with Lab	5
_____	✳	BIO 201	Human Anatomy and Physiology I	4
_____	✳	BIO 202	Human Anatomy and Physiology II	4
_____	✳	BIO 204	Microbiology	4
_____	🔒	ENG 121	English Composition I	3
_____	✳	HPR 178	Seminar: Medical Terminology	2
		HSC 170	Introductory Nutrition	1
_____	✳	PSY 235	Human Growth & Development	3
_____	🔒		Social & Behavioral Sciences Elective	3
				29

In addition to the above general education courses, the following courses are required to obtain your Practical Nursing Certificate of Occupational Proficiency:

Fall Semester

_____	NUR 101	Fundamentals of Nursing with Lab	3
_____	NUR 104	Basic Health Assessment	1
_____	NUR 121	Pharmacology I	2
_____	NUR 140	Medical Surgery: Gerontology	1
_____	NUR 170	Clinical I (Fundamentals)	1.5
			8.5

Spring Semester

_____	NUR 122	Pharmacology II	1
_____	NUR 141	Medical-Surgical Nursing	2
_____	NUR 161	Obstetrical and Pediatrics	3
_____	NUR 171	Clinical II (Medical-Surgical)	3.5
_____	NUR 172	Clinical III [OB/Pediatrics]	1
			10.5

Summer Semester

_____	NUR 111	Socialization into Nursing	1
_____	NUR 173	Clinical IV	3
			4

Minimum Credit Hours Required (including prerequisites)   **52**

Minimum Contact Hours Required (including prerequisites)   **1230**

Programs

STUDENT NAME	
ADVISOR	Date

Associate Degree in Nursing. Students will develop skill in the formulation of nursing diagnoses and nursing care plans using data related to client's biological, psychological, socio-spiritual, cultural and developmental needs to promote, maintain, and restore health.

The primary role of the associate degree registered nurse is that of a technical nurse whose education is designed to have a balance between general education and nursing knowledge. The associate degree RN is prepared to be a direct care-giver in hospitals, long-term facilities, home health, and ambulatory care-clinic settings.

You must demonstrate college-level proficiency in reading, writing and mathematics for acceptance into this program. That is primarily determined by the mandatory completion of the Nursing Examination Test (NET) as part of your pre-admission requirements. Your proficiency may affect the sequence of courses in which you can enroll and may also extend the time required to complete the program.

This program has selective admission requirements. Admission criteria may change from year to year. Therefore, it is the student's responsibility to obtain the current year's admission packet. An admission packet can be obtained by downloading the form "Nursing Application" at the following web address: http://www.coloradomtn.edu/forms/ or by contacting Pre-Enrollment Services. You must be selected for admission to enroll in this program.

To be considered for admission to this program, students must be a Colorado Licensed Practical Nurse in good standing and have completed the following courses with a grade of "C" or higher from an accredited college:

_____ 🔒	BIO 111	General College Biology I with Lab	5
_____ ✳	BIO 201	Human Anatomy and Physiology I	4
_____ ✳	BIO 202	Human Anatomy and Physiology II	4
_____ 🔒	ENG 121	English Composition I	3
_____ ✳	HPR 178	Seminar: Medical Terminology	1-4
_____	HSC 170	Introductory Nutrition	1
OR			
_____ ✳	HWE 100	Human Nutrition	(3)
_____ ✳	PSY 235	Human Growth & Development	3
			21-25

Current LPN Intravenous Therapy Certification is required for admission, and computer competency is strongly recommended.

All applicants accepted into the Nursing Programs will receive a history and physical form that must be completed by his/her medical care provider and submitted before enrolling in the Program. Accepted students will be required to obtain a criminal background check and are subject to random drug testing at various times throughout the Nursing Program. These are requirements of our clinical sites. Fees associated with these requirements are the student's responsibility.

Several scholarships may be available to assist nursing students. See the section on scholarships and financial aid.

Graduates of this program will receive an Associate Degree in Nursing and are eligible to apply to take the National Council Licensing Exam (NCLEX-RN) to obtain their RN licensure. The Associate Degree in Nursing (ADN), at Colorado Mountain College, is approved by the Colorado State Board of Nursing.

The Associate Degree in Nursing (ADN) program is offered at Roaring Fork Campus-Spring Valley. For more information see the course descriptions section.

To take courses with NUR prefixes students must be accepted into the nursing program and have permission of the Director of Nursing.

First Semester

_____	NUR 212	Comprehensive Medical-Surgical Nursing Clinical Experience	5.5
_____	NUR 215	Comprehensive Medical-Surgical Nursing	3
_____	NUR 220	Comprehensive Concepts of Obstetrical and Pediatric Nursing Care with Lab	2
_____	NUR 221	Comprehensive Obstetrical and Pediatric Nursing Clinical Experience	3.5
_____	NUR 224	Role Transition	1
			15

Second Semester

_____	NUR 210	Mental Health Nursing	2
_____	NUR 211	Mental Health Nursing Clinical Experience	2
_____	NUR 216	Leadership / Nursing Management	1
_____	NUR 222	Expanded Obstetrical and Pediatric Nursing Clinical Experience	3
_____	NUR 225	Nursing Care of Complex Obstetrical and Pediatric Clients and Families	3
			11

Minimum Credit Hours Required	**26**
Minimum Contact Hours Required	**600.5**

LPN plus ADN curriculum

Minimum Credit Hours Required	**77**
Minimum contact Hours Required	**1065**

The Nursing Program at Colorado Mountain College's Spring Valley Campus provides an on-campus clinical lab to simulate work situations.

STUDENT NAME	
ADVISOR	Date

Associate of Applied Science Degree: Office Administration. The Office Administration degree will give you skills to work in a wide variety of office environments. This program includes keyboarding skills, accounting, and includes the courses in the Microsoft Office Specialist (MOS) that will prepare you to take the MOS certification exams for the Proficient Specialist or Expert Specialist for the Microsoft Office suite of productivity software. Additionally this program allows you to choose a specialty option in administrative assistant, Legal Office Assistant, Medical Office Assistant or a Business Office Transfer.

Because office skills are in great demand wherever there is a business, or office, this career choice will give you great flexibility to find a position in most locations. You will find careers in all types of public or private offices.

You must demonstrate acceptable proficiency levels in reading, writing, and mathematics as pre-requisites for courses within this degree or certificate. Your proficiency may affect the sequence in which you can enroll and may also extend the time required to complete this program. For more details, please see the Academic Placement and Testing section.

Graduates of this program will receive an Associate of Applied Science degree in Office Administration. Please see your advisor to develop your own schedule.

The Office Administration degree is offered at Rifle, Roaring Fork, and Summit Campuses

General Education Requirements

_____ 🔒	ENG 121	English Composition I	3
_____ ✽	CIS 118	Introduction to PC Applications	3
_____ 🔒	BUS 226	Business Statistics	3
OR			
_____	MAT 107	Career Math	(3)
_____ ✽	PSY 106	Human Relations	3
_____ ✽	SPE 115	Public Speaking	3
OR			
_____ ✽	SPE 125	Interpersonal Communication	3
			15

Core Curriculum Requirements

_____	BTE 102	Keyboarding Applications I	2
_____	BTE 103	Keyboarding Applications II	3
_____	BTE 125	Records Management	3
_____	BTE 226	Machine Transcription	3
_____	CIS 135	Complete PC Word Processing	3
_____	CIS 140	Microsoft Outlook	1
_____	CIS 145	Complete PC Database	3
_____	CIS 155	Complete PC Spreadsheets	3
_____	CIS 165	Complete Presentation Graphics	3
			24

Option A: Administrative Assistant

_____	ACC 101	Fundamentals of Accounting	3
_____	ACC 115	Payroll Accounting	3
_____	BTE 225	Administrative Office Management	3
_____	CIS 130	Introduction to the Internet	1
_____		Advised Electives (ACC, BTE, BUS, CIS, MOT)	11
			21

Option B: Business Office Transfer

_____ ✽	BUS 115	Introduction to Business	3
_____ ✽	BUS 216	Legal Environment of Business	3
_____ ✽	BUS 217	Business Communications & Report Writing	3
_____ ✽	ACC 121	Accounting Principles I	4
_____ ✽	ACC 122	Accounting Principles II	4
_____ 🔒	ECO 202	Principles of Microeconomics	3
_____		Advised Electives (ACC, BUS, BTE, CIS, MOT)	1-3
			20

Option C: Legal Office Assistant

_____	ACC 101	Fundamentals of Accounting	3
_____	ACC 115	Payroll Accounting	3
_____	BTE 128	Legal Terminology	1
_____	BTE 229	Legal Transcription	3
_____	BTE 225	Administrative Office Management	3
OR			
_____	BTE 238	Legal Office Procedures	3
_____		Advised Electives (ACC, BUS, BTE, CIS, MOT)	8
			21

Option D: Medical Office Assistant

_____	ACC 101	Fundamentals of Accounting	3
_____	ACC 115	Payroll Accounting	3
_____	BTE 225	Administrative Office Management	3
OR			
_____	MOT 110	Medical Office Administration	4
_____	HPR 178	Seminar: Medical Terminology	3
_____		Advised Electives (ACC, BUS, BTE, CIS, HPR, MOT)	8-9
			21

Minimum Credit Hours Required	**60**
Minimum Contact Hours Required	**975-1005**

Programs

STUDENT NAME	
ADVISOR	Date

Certificate: Office Administration Specialties. Each Office Administration Certificate provides the job-entry skills needed to acquire entry-level positions in private and public offices, including medical and legal offices.

This curriculum includes courses in the Associate of Applied Science Degree in Office Administration and credits may be applied toward that degree.

You must demonstrate college-level proficiency in reading, writing, and mathematics as a part of acceptance into this program. Your proficiency may affect the sequence of courses in which you can enroll and may also extend the time required to complete this program. For details see the Academic Placement and Testing section on page

Graduates of the program will receive a Certificate of Occupational Proficiency in the specific Office Administration area chosen. See your advisor to develop your own schedule.

The Office Administration certificates are offered at Rifle, Roaring Fork, Summit and Timberline Chaffee Campuses. For more information, see the Course Description section.

General Office Administration Certificate

_____ ✻	CIS 118	Introduction to PC Applications	3
_____	BTE 102	Keyboarding Applications I	2
_____	BTE 103	Keyboarding Applications II	3
_____	BTE 125	Records Management	3
_____	BTE 226	Machine Transcription	3
_____	CIS 135	Complete PC Word Processing	3
_____	CIS 140	Microsoft Outlook	1
_____	CIS 145	Complete PC Database	3
_____	CIS 155	Complete PC Spreadsheets Concepts	3
_____	CIS 165	Complete Presentation Graphics	3

Minimum Credit Hours Required   **27**

Minimum Contact Hours Required   **457.5**

Administrative Assistant Certificate

_____ ✻	CIS 118	Introduction to PC Applications	3
_____	BTE 102	Keyboarding Applications I	2
_____	BTE 103	Keyboarding Applications II	3
_____	BTE 125	Records Management	3
_____	CIS 135	Complete PC Word Processing	3
_____	ACC 101	Fundamentals of Accounting	3
_____	ACC 115	Payroll Accounting	3
_____	BTE 225	Administrative Office Management	3
_____	CIS 130	Introduction to the Internet	1
_____		Advised Electives (ACC, BTE, BUS, CIS, MOT)	6

Minimum Credit Hours Required   **30**

Minimum Contact Hours Required   **487.5**

Legal Office Assistant Certificate

_____ ✻	CIS 118	Introduction to PC Applications	3
_____	BTE 102	Keyboarding Applications I	2
_____	BTE 103	Keyboarding Applications II	3
_____	BTE 125	Records Management	3
_____	CIS 135	Complete PC Word Processing	3
_____	ACC 101	Fundamentals of Accounting	3
_____	ACC 115	Payroll Accounting	3
_____	BTE 128	Legal Terminology	1
_____	BTE 229	Legal Transcription	3
_____	BTE 225	Administrative Office Management	3
OR			
_____	BTE 238	Legal Office Procedures	3
_____		Advised Electives (ACC, BTE, BUS, CIS, MOT)	3

Minimum Credit Hours Required   **30**

Minimum Contact Hours Required   **487.5**

Medical Office Assistant Certificate

_____ ✻	CIS 118	Introduction to PC Applications	3
_____	BTE 102	Keyboarding Applications I	2
_____	BTE 103	Keyboarding Applications II	3
_____	BTE 125	Records Management	3
_____	CIS 135	Complete PC Word Processing	3
_____	ACC 101	Fundamentals of Accounting	3
_____	ACC 115	Payroll Accounting	3
_____	BTE 225	Administrative Office Management	3
OR			
_____	MOT 110	Medical Office Administration	4
_____	HPR 178	Seminar: Medical Terminology	3
_____		Advised Electives (ACC, BTE, BUS, CIS, MOT)	3

Minimum Credit Hours Required   **29-30**

Minimum Contact Hours Required   **442.5 – 457.5**

STUDENT NAME	
ADVISOR	Date

Associate of Applied Science Degree: Professional Photography. The Professional Photography program prepares the graduate with the skills required for entry into a variety of professional photographic careers. The program's curriculum focuses on the development of visual and technical skills necessary for success. Today's professional photographer must have a thorough knowledge of photographic capture techniques, a strong sense of visual design and an exceptional understanding of the digital darkroom, color management, and computers and image file organization. With most photographic professions utilizing digital capture the Professional Photography curriculum concentrates on digital capture as well as film based capture in appropriate situations. After initial foundation training in the digital SLR, lenses, natural-available lighting and aesthetics; the student continues their education in the studio. Additionally, students continue their education using strobe lighting & accessories and the large format view camera for commercial product illustration and portraiture photography. Elective courses allow for specialized instruction in a variety of additional photographic areas.

Graduates of the Professional Photography program have begun careers in portraiture, commercial product illustration, photojournalism, studio management, digital imaging service bureaus and as full time and independent photo assistants. A number of our graduates have extended their education in photography with transfers to four year institutions offering BA degrees in photography.

Students must demonstrate college level proficiency in reading, writing, basic computer skills and mathematics as a part of acceptance into this program. A student's proficiency may affect the sequence of courses in which he/she can enroll and may also extend the time required to complete this program. A "C-" grade or better is required in all PHP courses. Only one PHP280 Photo Field Workshop course can be used toward photography electives. For details see the Academic Placement and Testing section, and a Colorado Mountain College advisor.

Faculty critiques provide valuable feedback.

The Jonathan Wright and Photography Scholarships are available to assist second-year Professional Photography students. See the scholarship section for more information. Graduates will receive an Associate of Applied Science Degree in Professional Photography. The Professional Photography program is offered at the Spring Valley-roaring Fork Campus.

The following is the recommended sequence of courses. Photography (PHP) courses must be taken in the sequence listed. Consult with your advisor for details. Photography courses are described in more detail in the course description section.

First Semester

_____	PHP 101	Computer Orientation and the MacIntosh	2
_____	PHP 121	Photo-Image Capture I	2
_____	PHP 143	Perception & Photography I	3
_____	PHP 161	Digital Darkroom I	2
_____🔒	ENG 121	English Composition I	3
_____	MAT 107	Career Math	3
OR			
_____🔒	MAT 121	College Algebra	4
			15-16

Second Semester

_____	PHP 122	Photo-Image Capture II	2
_____	PHP 144	Perception & Photography II	3
_____	PHP 162	Digital Darkroom II	3
_____✳	SPE 115	Public Speaking	3
_____	PHP	Advised Photography Elective	3
			14

Third Semester

_____	PHP 232	Portraiture	3
_____	PHP 234	Large Format & Lighting	3
_____	PHP 251	Color Capture I	2
_____	PHP 263	Digital Darkroom III	3
_____	PHP	Advised Photography Elective	3
_____		Advised General Education Elective	3
			17

Fourth Semester

_____	PHP 235	Commercial Photography	3
_____	PHP 252	Color Capture II	3
_____	PHP 289	Portfolio Production and Career Exploration	4
_____	PHP	Advised Photography Elective	3
_____✳	BUS 217	Business Communication & Report Writing	3
OR			
_____✳	PSY 106	Human Relations	(3)
			16

Minimum Credit Hours Required	**62-63**
Minimum Contact Hours Required	**980**

9 credits of Photography Electives are required (3 courses)
3 credits of General Education Electives are required (1 course)

Programs

STUDENT NAME	
ADVISOR	Date

Certificate: Real Estate. The Real Estate program is for those individuals who wish to become real estate brokers. The program prepares students for the Colorado Real Estate Licensing Examination for Brokers. Colorado Mountain College's certificate program includes the required courses to prepare you to take the state broker's examination and to apply for the state broker's license.

The Colorado Real Estate Commission currently requires 168 hours of course work to be completed prior to applying for your license. You must demonstrate college-level reading before entering this program. For more details see the Academic Placement and Testing section.

Students must earn a "C" or better in the four Real Estate courses (REE 120, REE 121, REE 122 and REE 123) to receive a Certificate

of Eligibility to take the Colorado Real Estate Licensing Examination. In addition, students must earn a "C" or better in all four courses to receive a Colorado Mountain College Certificate of Occupational Proficiency.

The Real Estate Certificate is offered at Alpine, Aspen, Rifle, Summit/Dillon and Vail/Eagle Valley Campuses. See the Course Description section for more information.

_____	REE 120	Real Estate Law, Practice and Current Legal Issues	4
_____	REE 121	Colorado Real Estate Contracts & Regulations	3
_____	REE 122	Recordkeeping, Trust Accounts & Closings	2
_____	REE 123	Practical Applications	2

Minimum Credit Hours Required   **11**

Minimum Contact Hours Required   **172**
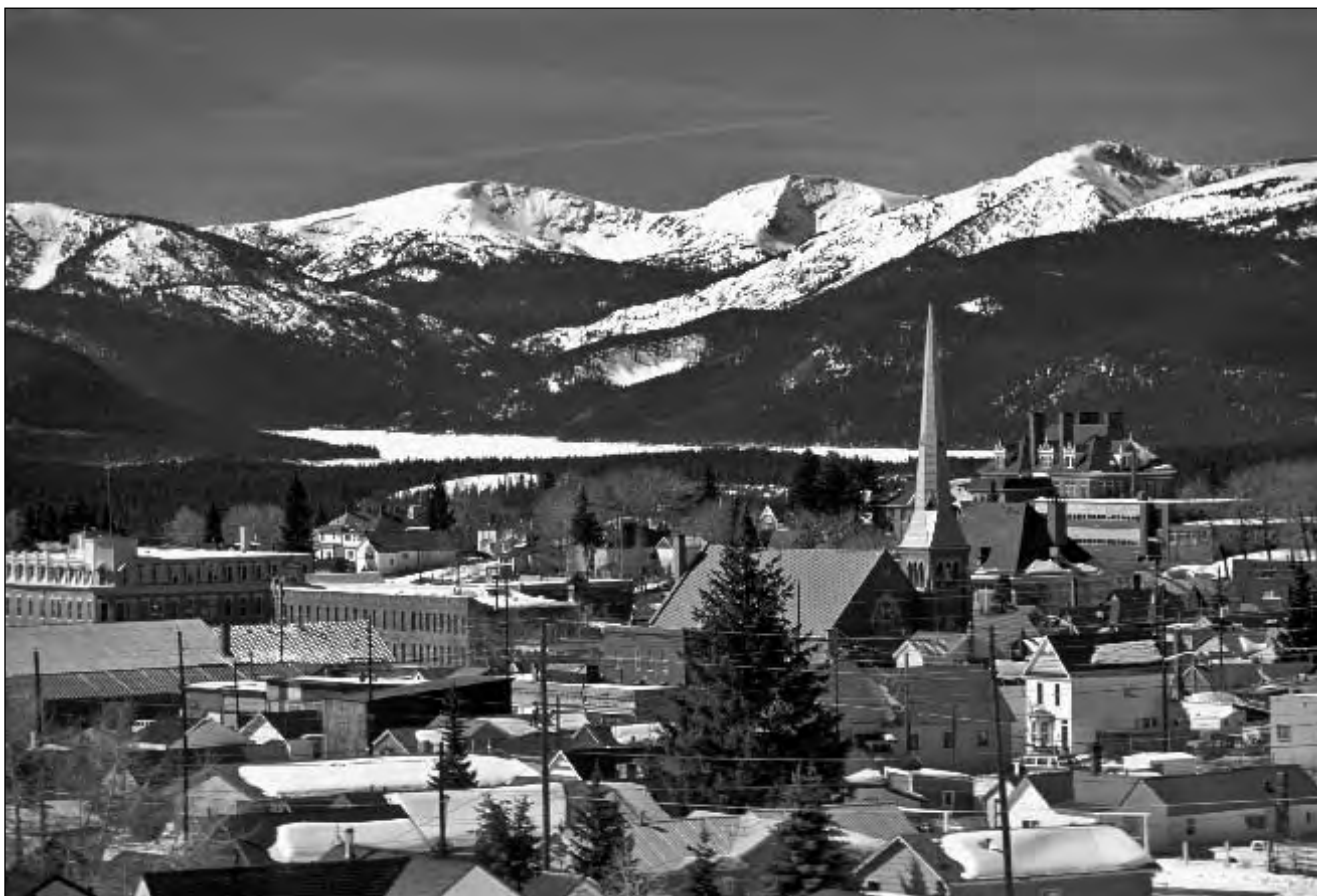
The historic silver town of Leadville, Colorado is two miles high and surrounded by the state's highest peaks.

Career & Technical Degrees and Certificates

STUDENT NAME	
ADVISOR	Date

Associate of Applied Science: Resort Management. The resort and lodging industry is one of the major growth industries of this century. Through the Resort Management program you will prepare for careers in management, resort operations, marketing, sales, property management, restaurant operations and many related areas. The Resort Management program gives basic instruction in resort and lodging operations, resort specialty subjects, management concepts, accounting and related resort work experience.

You must demonstrate acceptable proficiency levels in reading, writing, and mathematics as pre-requisites for courses within this degree or certificate. Your proficiency may affect the sequence in which you can enroll and may also extend the time required to complete this program. For more details, please see the Academic Placement and Testing section.

Graduates of the program will be eligible to receive an Associate of Applied Science Degree in Resort Management from Colorado Mountain College. You may also be eligible to receive the Educational Institute of American Hotel and Lodging Association's Hospitality Management Diploma. Check with your advisor about requirements for this diploma.

Many of the courses in the Resort Management program are designed to transfer to baccalaureate degree granting institutions; see your advisor for details. Following is a suggested sequence of courses; see your advisor to develop your own schedule.

The Resort Management degree is offered at Alpine Campus. See the Course Description section for more information on these classes.

General Education

_____ 🔒	ENG 121	English Composition I	3
_____ ✱	SPE 115	Principles of Speech Communication	3
_____ ✱	CIS 118	Introduction to PC Applications	3
_____ ✱	BUS 217	Business Communications & Report Writing	3
_____ 🔒	Advised General Education Elective		3
			15

Business Courses

_____ ✱	BUS 115	Introduction to Business	3
_____ ✱	BUS 226	Business Statistics	3
			6

Required Courses

_____	HOS 110	Introduction to Hospitality	3
_____	HOS 139	Housekeeping Management	2
_____	HOS 140	Front Office Procedures	2
_____	HOS 148	Introduction to Food & Beverage Management	3
_____	HOS 221	Basic Hotel and Restaurant Accounting	3
_____	HOS 226	Supervision in the Hospitality Industry	3
_____	HOS 242	Hotel Sales and Marketing Sales	3
_____	HOS 250	Food, Beverage & Labor Cost Control	3
_____	HOS 287	Work Experience I	3
			25

Advised Electives choose at least 14 credits

_____	HOS 215	Training & Development	3
_____	HOS 219	Hospitality Law	3
_____	HOS 231	Facilities Management and Design	3
_____	HOS 255	Human Resource Management	3
_____	HOS 287	Work Experience I	3
_____	HOS 289	Work Experience II	3
_____ ✱	ACC 121	Principles of Accounting I	4
_____ ✱	ACC 122	Accounting Principles II	4
_____ 🔒	ECO 201	Principles of Macroeconomics	3
_____ 🔒	ECO 202	Principles of Microeconomics	3
OR			
_____	Advised Electives (HOS, SKB, GCM, SAO, OUT)		3

Minimum Credit Hours Required	**60**
Minimum Contact Hours Required	**900**

Certificate: Resort Management Business. This certificate gives you the opportunity to gain the skills necessary to obtain an entry-level supervisory position in the lodging, food and beverage, or resort industry. The certificate also provides the opportunity for individuals already in the industry to upgrade skills and broaden their areas of expertise.

This certificate curriculum includes many of the courses included in the Associate of Applied Science degree in Resort Management and credits may be applied toward that degree.

You must demonstrate acceptable proficiency levels in reading, writing, and mathematics as pre-requisites for courses within this degree or certificate. Your proficiency may affect the sequen ce in which you can enroll and may also extend the time required to complete this program. For more details, please see the Academic Placement and Testing section.

Graduates of the program will receive a Certificate of Occupational Proficiency in Resort Management. Following is a suggested sequence of courses. See your advisor to develop your own schedule.

The Resort Management Certificate is offered at the Alpine Campus. For more information, see the Course Descriptions section.

Required Courses

_____	HOS 110	Introduction to Hospitality	3
_____	HOS 140	Front Office Procedures	2
_____	HOS 139	Housekeeping Management	2
_____	HOS 148	Introduction to Food & Beverage Management	3
_____	HOS 221	Basic Hotel & Restaurant Accounting	3
_____	HOS 226	Supervision in the Hospitality Industry	3
_____	HOS 242	Hotel Sales and Marketing Sales	3
_____	HOS 250	Food, Beverage & Labor Cost Control	3
_____	HWE115	Medic First Aid	.5
			22.5

Minimum credit Hours Required	**22.5**
Minimum Contact Hours Required	**323**

Programs

Career & Technical Degrees and Certificates

STUDENT NAME	
ADVISOR	Date

Certificate: Ropeway Technician. Colorado Mountain College, the Rocky Mountain Lift Association, Vail Resorts, Inc., and Aspen Skiing Company have cooperated to increase the level of training available to those wishing to pursue a career as a ropeway technician. The certificate is currently offered in two disciplines, Ropeway Mechanical Maintenance Technician and Ropeway Electrical Maintenance Technician.

To participate in this program you must be: a) registered apprentice working in an appropriate position for a company, which has an approved lift electric apprenticeship program (both the business sponsors and the apprentice will be registered with the U.S. Department of Labor's Apprenticeship Training program); OR b), be an employee of a lift maintenance/electrical department with the approval of your supervisor.

You must demonstrate acceptable proficiency levels in reading, writing, and mathematics as pre-requisites for courses within this certificate. Your proficiency may affect the sequence in which you can enroll and may also extend the time required to complete this program. For more details, please see the Academic Placement and Testing section.

The Ropeway Technician Program is administered by Ski Area Operations (SAO) at the Timberline Campus in Leadville, please contact them at 719-486-2015 for information on this program. This program is delivered at Alpine, Aspen, Summit, Timberline, and Vail/Eagle Valley Campuses, as well as being available on the World Wide Web. See the Course Description section for more information on SAO courses.

Graduates of the program will receive a Certificate of Occupational Proficiency in Ropeway Technician.

Following is a suggested sequence of courses. See your advisor to develop your own schedule.

Most of Colorado's major ski areas are in the Colorado Mountain College District and Service Area.

Ropeway Maintenance Technician
First Year

_____	✱	CIS 118	Introduction to PC Applications	3
_____		HWE115	Medic First Aid	.5
_____		SAO 121	Ropeway Mechanical Maintenance Technician I	4
_____		SAO 210	Ropeway Construction & Maintenance	3
				10.5

Second Year

_____	ENG 115	Technical English and Communication	3
_____	MAT 108	Technical Mathematics	4
_____	SAO 122	Ropeway Mechanical Maintenance Technician II	3
			10

Third Year

_____	✱	PSY 211	Leadership Development	3
_____		SAO 110	Ski Area Risk Management	3
_____		SAO 123	Ropeway Mechanical Maintenance Technician III	4
				10

Fourth Year

_____	SAO 124	Ropeway Mechanical Maintenance Technician IV	3
			3

Minimum Credit Hours Required	**33.5**
Minimum Contact Hours Required	**503**

Ropeway Electrical Maintenance Technician:
First Year

_____	✱	CIS 118	Introduction to PC Applications	3
_____		HWE115	Medic First Aid	.5
_____	🔒	MAT 121	College Algebra	4
_____		SAO 221	Ropeway Electrical Maintenance Technician I	4
_____		SAO 210	Ropeway Construction & Maintenance	3
				14.5

Second Year

_____		ENG 115	Technical English & Communications	3
_____	✱	PSY 211	Leadership Development	3
_____		SAO 222	Ropeway Electrical Maintenance Technician II	4
				10

Third Year

_____	SAO 110	Ski Area Risk Management	3
_____	SAO 223	Ropeway Electrical Maintenance Technician III	3
			6

Fourth Year

_____	SAO 224	Ropeway Electrical Maintenance Technician IV	4
			4

Minimum Credit Hours Required	**34.5**
Minimum Contact Hours Required	**518**

Ski Area Operations

STUDENT NAME	
ADVISOR	Date

Associate of Applied Science: Ski Area Operations. This program is designed to train you for employment in the snow-sports industry. Technical and academic study in the classroom is combined with practical, on-the-job experience at Colorado's world-class mountain resorts to provide the skills and knowledge needed to succeed in the snow-sports industry. To provide a four-year degree option, Colorado Mountain College has signed a special transfer agreement with Western State College in Gunnison, Colorado.

The Ski Area Operations Program requires a minimum of 60 credit hours for graduation. 50 of these credits are required courses described below. Of these 50, 7 credits are earned during a paid, on the job, cooperative work experience. Typically, this work experience will occur during the 3rd and 4th semesters. For additional information concerning the work experience contact a member of the SAO faculty.

The remaining 11 credits are chosen by the student to meet his/her individual career goals. The elective groups are: Slopes and Trails, Patrolling, Ropeway Operations and Maintenance and Ski Area Management. Students may choose electives from any individual or combination of elective groups. For details, see listing below.

This program has selective admission requirements. Admission criteria may change from year to year. Therefore, it is the student's responsibility to obtain the current year's admission packet. An admission packet can be obtained by contacting Pre-Enrollment Services.

You must demonstrate acceptable proficiency levels in reading, writing, and mathematics as pre-requisites for courses within this degree. Your proficiency may affect the sequence in which you can enroll and may also extend the time required to complete this program. For more details, please see the Academic Placement and Testing section.

Graduates will receive an Associate of Applied Science Degree in Ski Area Operations. Following is a suggested sequence of courses. See your advisor to develop your own schedule.

The Ski Area Operations Degree is offered at Timberline Campus. Some courses may be available at other CMC locations and as web-based courses. See the section on Course Descriptions for more information.

First Semester

_____	SAO 100	Introduction to Ski Area Operations	2
_____	HPR 125	Outdoor Emergency Care	4
_____ ✱	ENG 115	Technical English and Communication	3
OR			
_____ 🔒	ENG 121	English Composition I	(3)
_____ ✱	CIS 118	Introduction to PC Applications	3
_____	SAO 111	Equipment Operations	2
_____	MAT 108	Technical Mathematics	4
OR			
_____ 🔒	MAT 121	College Algebra	(4)
_____ ____		Ski Area Operations Electives	1
			19

Second Semester

_____	SAO 106	Ropeway Operations	2
_____ ✱	SPE 115	Public Speaking	3
_____	SAO 131	Trail Grooming Operations	2
_____	SAO 160	Ski Patrol Operations	2
_____ ____		Ski Area Operations Electives	6
			15

Third Semester

_____	SAO 141	Snowmaking Operations	2
_____ ✱	PSY 211	Leadership Development	3
_____	SAO 110	Ski Area Risk Management	3
_____	SAO 188	Work Experience	2
_____ ____		Ski Area Operations Electives	4
			14

Fourth Semester

_____ ✱	BUS 115	Introduction to Business	3
_____	SAO 240	Ski Area Planning	3
_____	SAO 260	Ski Area Operations Seminar	1
_____	SAO 288	Supervised Co-op Work Experience	5
			12

Ski Area Operations Electives:

Slopes and Trails:

_____	SAO 112	Equipment Operations Lab	1
_____	SAO 132	Trail Grooming Operations Lab	1
_____	SAO 133	Terrain Park & Half-pipe Operations	1
_____	SAO 142	Snowmaking Operations Lab	1
_____	SAO 151	Snow Vehicle Maintenance	2
_____	SAO 152	Snow Vehicle Maintenance Lab	1

Patrolling:

_____	SAO 155	Events Management	3
_____	SAO 161	Ski Patrol Operations Lab	1
_____	EMS 125	EMT Basic	9
_____	EMS 170	EMT Basic Clinical	1
_____	HPR 126	Outdoor Emergency Care Refresher	.5
_____	OUT 160	Avalanche Level I	1
_____	OUT 260	Avalanche Level II	2

Ropeway Operations and Maintenance:

_____	SAO 107	Ropeway Operations Lab	1
_____	SAO 210	Ropeway Construction & Maintenance	3
_____	ENT 141	Surveying I	4

Ski Resort Management:

_____ ✱	ACC 121	Accounting Principles I	4
_____ ✱	ACC 122	Accounting Principles II	4
_____	MAN 116	Principles of Supervision	3
_____	MAN 200	Human Resource Management I	3
_____	NRE 250	Environmental Law & the Permit Process	3
_____ 🔒	ECO 202	Principles of Microeconomics	3
_____ ✱	BUS 226	Business Statistics	3
_____	SAO 175	Special Topics	1-6

Minimum Credit Hours Required	**60**
Minimum Contact Hours Required	**1130**

Programs

STUDENT NAME	
ADVISOR	Date

Associate of Applied Science: Ski and Snowboard Business. As the snow-sports industry has grown, so has the need for technically trained professionals with strong leadership, management, and communication skills. The Ski & Snowboard Business program was designed with help from Billy Kidd, former Olympic medalist and World Cup champion. Kidd and others who are deeply involved in today's snow-sports industry developed the program to offer careers in specialized retail and wholesale businesses which supply ski and snowboarding clothing and equipment. Snow-sports related careers include retailing, manufacturing, marketing and sales. The Ski & Snowboard Business program has a transfer agreement with the Business Management bachelor's degree program at Western State College.

You must demonstrate acceptable proficiency levels in reading, writing, and mathematics as pre-requisites for courses within this degree or certificate. Your proficiency may affect the sequence in which you can enroll and may also extend the time required to complete this program. For more details, please see the Academic Placement and Testing section.

Graduates of the program will receive an Associate of Applied Science Degree in Ski & Snowboard Business. Your advisor will help you develop a schedule that meets your academic needs.

The Ski & Snowboard Business Degree is offered at Alpine Campus. See the Master Course Listing for more information about Ski & Snowboard Business courses.

General Education & Business Requirements (21 credits)

_____	✸ BUS 115	Introduction to Business	3
_____	✸ BUS 217	Business Communications & Report Writing	3
_____	🔒 BUS 226	Business Statistics	3
_____	✸ CIS 118	Introduction to PC Applications	3
_____	🔒 ENG 121	English Composition I	3
_____	✸ SPE 115	Public Speaking	3
_____		Advised General Education Elective	3

Required Courses (21 credits)

_____	SKB 117	Ski & Snowboard Retailing and Sales	3
_____	SKB 130	Accelerated Boot Fitting	3
_____	SKB 140	Accelerated Ski & Board Tuning	3
_____	SKB 210	Ski & Board Product Design	3
_____	SKB 216	Ski & Snowboard Marketing and Media	3
_____	SKB 220	Snow Sports Retail & Wholesale	3
_____	SKB 229	Integrated Portfolio & Capstone	3

Advised Electives (18 credits)

_____	✸ ACC 121	Principles of Accounting I	4
_____	✸ ACC 122	Principles of Accounting II	4
_____	✸ BUS 216	Legal Environment of Business	3
_____	✸ ECO 201	Principles of Macroeconomics	3
_____	✸ ECO 202	Principles of Microeconomics	3
_____	HOS 215	Training and Development	3
_____	MAR 111	Principles of Sales	3
_____	MAR 117	Principles of Retailing	3

_____	MGD 102	Introduction to Multimedia	3
_____	SKB 105	History of Skiing	1
_____	SKB 187	Work Experience	3-6
_____	SKB 287	Work Experience	3-6
_____		Foreign Language	5
_____		Advised General Education Elective	3
_____		Advised Elective (SKB, HOS, GCM, OUT, SAO)	3
Minimum Credit Hours Required			**60**
Minimum Contact Hours Required			**1132.5 – 1147.5**

Certificate: Ski & Snowboard Shop Technician. These certificates provide the student an opportunity to gain the skills necessary to find entry level employment in a retail ski and snowboard shop.

This curriculum includes many of the courses included in the Associate of Applied Science degree in Ski and Snowboard Business and credits may be applied toward that degree.

You must demonstrate acceptable proficiency levels in reading, writing, and mathematics as pre-requisites for courses within this degree or certificate. Your proficiency may affect the sequence in which you can enroll and may also extend the time required to complete this program. For more details, please see the Academic Placement and Testing section.

Graduates of the program will receive a Certificate of Occupational Proficiency in Ski and Snowboard Retail and Repair Technician I or II.

Your advisor will help you develop a schedule that meets your needs.

The Ski and Snowboard Certificates are offered at the Alpine Campus. See the Course Description section for more information on Ski and Snowboard Business courses.

Certificate 1 - Retail and Repair Shop Technician I

_____	SKB 110	Introduction to Boot Fitting	2
_____	SKB 120	Introduction to Ski & Board Repair & Tuning	2
_____	SKB 220	Snow Sports Retail & Wholesale	**3**
_____	SKB 210	Ski & Board Product Design	3
Minimum Credit Hours Required			**10**
Minimum Contact Hours Required			**202.5**

Certificate II - Retail and Repair Shop Technician II

_____	SKB 111	Boot fitting II	2
_____	SKB 121	Ski & Board Repair & Tuning II	**2**
_____	SKB 187	Work Experience	3
Minimum Credit Hours Required			**7**
Minimum Contact Hours Required			**225**

Veterinary Technology

STUDENT NAME	
ADVISOR	Date

Associate of Applied Science Degree: Veterinary Technology. This program provides specialty training, which enables you to assist a Doctor of Veterinary Medicine. You will gain practical experience with both large and small animal medicine and surgery in clinical situations through a work experience in a veterinary practice and at the 200-acre Veterinary Technology farm. The college owns and cares for over 75 resident animals for use in the program.

Graduates from this program have established a nationwide reputation. The Colorado Commission on Higher Education honored the Veterinary Technology program with an Award for Excellence in education.

This program is academically challenging. Therefore, you must fulfill preliminary requirements before enrolling in these courses. The following skill levels are required: you must be scholastically qualified to enroll in: college-level English Composition, Survey of Algebra, and able to read at college-level. You must demonstrate these required skill proficiencies through either Accuplacer Placement Tests or acceptable ACT or SAT scores. Your proficiency may affect the sequence of courses in which you enroll and may extend the time required to complete this program. For more details, please see the Academic Placement and Testing section.

The Veterinary Technology program has admission requirements in addition to those of the College. The admission packet must be completed during the spring semester for admission in the following fall. An admission packet can be obtained by contacting Pre-Enrollment Services or from the CMC website. Please contact the Central (1-800-621-8559) or Spring Valley (1-970-947-8276) Admissions Staff for details and application packet.

Graduates will receive an Associate of Applied Science Degree in Veterinary Technology. Students desiring a program in pre-veterinary medicine should enroll in the Associate of Science Degree program.

The Veterinary Technology program is offered at Roaring Fork Campus- Spring Valley. See the Course Description section for detail.

Working on the farm gives students valuable experience with a variety of animals.

A minimum grade of "C" is required in all classes necessary for graduation with a degree in Veterinary Technology. Following is a suggested sequence of courses. See your advisor to develop your own schedule.

Two-Year Track

First Semester

_____	VET 100	Introduction to Veterinary Technology	3
_____ ✸	BIO 230	Animal Anatomy & Physiology I	3
_____ ✸	BIO 231	Animal Anatomy & Physiology I Lab	1
_____	VET 121	Clinical Pathology I	3
_____	VET 122	Clinical Pathology I Laboratory	2
_____ 🔒	ENG 121	English Composition I	3
_____	VET 105	Animal Handling & Restraint	2
_____	VET 111	Animal Care I	1
			18

Second Semester

_____ ✸	BIO 204	Microbiology	4
_____ ✸	BIO 232	Animal Anatomy & Physiology II	3
_____ ✸	BIO 233	Animal Anatomy & Physiology II Laboratory	1
_____	VET 123	Clinical Pathology II	3
_____	VET 124	Clinical Pathology II Lab	2
_____	VET 224	Pharmacology	3
_____	VET 112	Animal Care II	1
_____	VET 102	Computer Applications for Veterinary Technicians	1
_____	VET ___	Veterinary Technician Management Courses	1
			19

Third Semester

_____	VET 201	Anesthetic Nursing	3
_____	VET 202	Anesthetic Nursing Laboratory	2
_____	VET 206	Radiography	3
_____	VET 207	Radiography Laboratory	2
_____	VET 208	Veterinary Medical Nursing I	3
_____ ✸	SPE 115	Public Speaking	3
_____ ✸	PSY 106	Human Relations	3
		OR	
_____ ✸	PSY 101	General Psychology I	(3)
_____	VET 211	Animal Care III	1
			20

Fourth Semester

_____	VET 203	Surgical Nursing	3
_____	VET 204	Surgical Nursing Laboratory	2
_____	VET 260	Veterinary Clinical Management	3
_____	VET 209	Veterinary Medical Nursing II	3
_____	VET 287	Work Experience	5
_____	VET 212	Animal Care IV	1
			17

Veterinary Technology Management Select Courses (Electives)

_____	VET 126	Equine Management	1
_____	VET 127	Equine Clinical Techniques	1
_____	VET 132	Feline Management	1
_____	VET 134	Exotic Pet Management	1
_____	VET 135	Wildlife Management	1
_____	VET 136	Canine Behavioral Management	1
_____	VET 150	Animal Shelter Management	1

Minimum Credit Hours Required	**74**
Minimum Contact Hours Required	**1500**

Programs

Certificates of Completion

Colorado Mountain College offers two types of certificate programs: certificates of occupational proficiency and certificates of completion. This section defines certificates of completion. See the Occupational Certificates and Degrees section for a description of occupational certificates.

2006-2007 Certificates of Completion

Colorado Mountain College offers several Certificates of Completion to students who complete a group of courses with a particular emphasis. A certificate of completion attests to successful completion of a structured program of courses designed to establish proficiency in a specific field.

These courses are helpful for learning special skills or for concentrating your learning in a special area of interest. The following section lists four certificates of completion: American West, Creative Arts, Outdoor Semester in the Rockies and, Outdoor Education.

The American West, Outdoor Education and Creative Arts Certificates of Completion are not vocational certificates. Because they are not vocational certificates, they are not eligible for financial aid unless taken as part of a state-recognized degree or certificate. However, the requirements have been specially designed so that courses count as credit for the Associate of Arts, Associate of Science or Associate of General studies degrees. These degrees are received for transfer by Colorado's public colleges and universities. They have been received by several other institutions as well.

Though these are not approved by the state of Colorado for occupational education or for transfer, all of the courses may be applied as elective credit toward our Associate of Arts degree which is transferable. The individual courses have also been received for transfer by several institutions.

Each certificate program has specific requirements, and certificates are offered only as specified.

American West

Certificates of Completion

STUDENT NAME	
ADVISOR	Date

Certificate of Completion: American West. This program is an interdisciplinary program that utilizes existing courses in the humanities, physical sciences and social sciences and adds new classes that emphasize Western issues. For example, it includes an English class specifically covering Western nature writers and the new cowboy poetry genre.

Though the certificate itself is not approved by the State of Colorado for occupational education or transfer, special emphasis has been given to designing the requirements so that courses may count as credit for the Associate of Arts, Associate of Science or Associate of General Studies. These degrees are received for transfer by Colorado's public Colleges and Universities. They have been received by several other institutions as well. Please see an Academic Counselor for transfer information.

You must demonstrate acceptable proficiency levels in reading, writing, and mathematics as pre-requisites for courses within this degree or certificate. Your proficiency may affect the sequence in which you can enroll and may also extend the time required to complete this program. For more details, please see the Academic Placement and Testing section.

The American West Certificate of Completion is offered at the Timberline Campus.

Following is a suggested sequence of courses.

Humanities (min. 3 credits)

_____	✱ HUM137	Wilderness & the American Ethic	3
_____	🔒 PHI 112	Ethics	3

American West Electives (min. 15 credits)

_____	ENG 175	Special Topics in American West	3
_____	✱ LIT 245	Literature of the American West	3
_____	✱ LIT 248	Native American Literature	3
_____	HIS 210	Federal Indian Law	3
_____	NRE 235	Water and the West	3

Environmental Electives (min. 5 credits)

_____	🔒 ANT 101	Cultural Anthropology	3
_____	✱ ANT 107	Introduction to Archaeology	3
_____	✱ ANT 280	Southwest Field Exploration	2
_____	✱ BIO 120	Introduction to Natural History	3
_____	✱ BIO 175	Special Topics	1
_____	✱ BIO 275	Special Topics	1

Minimum Credit Hours Required   **23**

Minimum Contact Hours Required   **345**

STUDENT NAME	
ADVISOR	Date

Certificate of Completion: Creative Arts. This program is designed to provide basic artistic training for career or personal interest. The arts are important to our communities and this program encourages you to become an active contributor through your creative work. Thirty credits in the fine arts, the humanities and other creative fields allow you to individualize the program to meet your goals. Optional art internships with a local arts organization are available once you have completed fifteen credits toward this certificate. This program allows you to explore several media and to receive additional training in an area of your choice.

Students completing this program will receive a Creative Arts Certificate of Completion. Though the certificate itself is not approved by the State of Colorado for occupational education or transfer, the program may be structured to apply the credits toward our Associate of Arts or Associate of General Studies degrees. Please consult with a Student Services counselor for information on these options.

You must demonstrate acceptable proficiency levels in reading, writing, and mathematics as pre-requisites for courses within this degree or certificate. Your proficiency may affect the sequence in which you can enroll and may also extend the time required to complete this program. For more details, please see the Academic Placement and Testing section.

The Creative Arts Certificate of Completion is offered at the Aspen Campus.

General Education Electives (minimum 6 credits, choose 2 courses)

_____	🔒 ART 111	Art History I	3
_____	🔒 ART 112	Art History II	3
_____	✱ HUM121	Early Civilizations	3
_____	✱ HUM122	From Medieval to Modern	3
_____	✱ HUM123	The Modern World	3

Fine Art Electives (minimum 15 credits)

_____	✱ ART 110	Art Appreciation	3
_____	✱ ART 146	Stained Glass I	2
_____	✱ ART 121	Drawing I	3
_____	✱ ART 122	Drawing II	3
_____	✱ ART 123	Watercolor I	2
_____	✱ ART 124	Watercolor II	3
_____	✱ ART 131	2-D Design	3
_____	✱ ART 132	3-D Design	3
_____	✱ ART 154	Sculpture I	3
_____	✱ ART 155	Sculpture II	3
_____	✱ ART 156	Figure Drawing I	3
_____	✱ ART 157	Figure Painting I	3
_____	✱ ART 161	Ceramics I	3
_____	✱ ART 162	Ceramics II	3
_____	✱ ART 163	Handbuilt Clay I	3
_____	✱ ART 211	Painting I	3
_____	✱ ART 212	Painting II	3
_____	✱ ART 213	Painting III	3
_____	✱ ART 256	Advanced Figure Drawing	3
_____	✱ ART 257	Advanced Figure Painting II	3
_____	✱ ART 261	Ceramics III	3
_____	✱ PHO 101	Photography I	3
_____	✱ PHO 102	Photography II	3
_____	PHO 103	Color Photography I	3

Allied Creative Electives (min. 3 credits)

_____	✱ ENG 221	Creative Writing I	3
_____	✱ ENG 227	Poetry Writing	3
_____	🔒 HUM____	Elective	3
_____	🔒 LIT ___	Elective	3
_____	🔒 MUS___	Elective	3
_____	✱ DAN & THE ___	Elective	3
_____	🔒 PHI ___	Elective	

Art Internships or Additional Art Electives (min. 6 credits)

Six elective credits in the visual arts that may or may not be designed for transfer. Consult with your Student Services counselor.

_____	ART 287	Art Internship	____
_____	CIS ____	Computer Information Systems	____
_OR_			
_____	MGD____	Any Graphics course	____

Any course with the following headings

_____	ART ___	Fine Arts
_____	MGD___	Graphic Design
_____	PHO ___	Creative Photography

Total Credits Toward Certficate

General Education Electives (min. 6 credits)	_____
Fine Art Electives (min. 15 credits)	_____
Allied Creative Electives (min. 3 credits)	_____
Art Internships or Additional Art Electives (min. 6 credits)	_____
Other credits	_____

Minimum Credit Hours Required   30

Minimum Contact Hours Required   540-742.5

STUDENT NAME	
ADVISOR	Date

Certificate of Completion: Professional Fly Fishing Guide. This program is designed to provide the training and education that will lead to success as a professional fly-fishing guide. In the major river basins of Colorado, as well as across the country, fly-fishing has become a major recreational activity. This program includes courses that will improve your technical knowledge of the science of fly-fishing in both moving and still waters, while stressing the interaction with the clients and the natural environment and be exposed to the aspects of running a small business.

Students completing this program will receive a Professional Fly Fishing Certificate of Completion. Although the certificate itself is not approved by the State of Colorado for occupational education or transfer, special emphasis has been given to designing the requirements. CMC faculty and staff have worked with an industry related board in the development of this program to insure that it meets the needs of the industry.

Following is a suggested sequence of courses. See your advisor to develop your own schedule.

The Professional Fly Fishing Guide Certificate is offered at the Timberline Campus. For more information see the Course Description section.

Required Courses:

_____	HWE115	Medic First Aid	.5
_____	PED 127	Introduction to Fly-fishing	1
_____	PED 227	Advanced Fly-fishing	1
_____	OUT 211	Outdoor Leadership Skills	2
_____	BIO 156	Aquatic Entomology	3
_____	MAN216	Small Business Management	3

Minimum Credits Required	**10.5**
Minimum Contact Hours Required	**225.5**

Learn to guide others in fishing Colorado's rivers and streams.

Outdoor Education

STUDENT NAME	
ADVISOR	Date

Certificate of Completion: Outdoor Education. Colorado Mountain College's Outdoor Education Certificate offers a comprehensive series of backcountry travel and appreciation courses. Course work in the natural sciences, humanities, recreation and environmental appreciation are blended to provide opportunities for growth and challenge.

Students completing the program will receive an Outdoor Education Certificate of Completion. These courses are helpful for learning special skills or for concentrating your learning in a special area of interest. The Outdoor Education Certificate of Completion is not a vocational certificate. However, special emphasis has been given to designing the requirements so that courses count as credit for the Associate of Arts, Associate of Science or Associate of General studies degrees. These degrees are received for transfer by Colorado's public colleges and universities. They have been received by several other institutions as well.

You must demonstrate acceptable proficiency levels in reading, writing, and mathematics as pre-requisites for courses within this degree or certificate. Your proficiency may affect the sequence in which you can enroll and may also extend the time required to complete this program. For more details, please see the Academic Placement and Testing section.

Students also have the option to transfer credits into the career-oriented Associate of Arts: Outdoor Education or the Associate of General Studies: Outdoor Recreation Leadership program.

The Outdoor Education Certificate of Completion is offered at Alpine, Aspen, Roaring Fork, Timberline, Summit and Vail/Eagle Valley Campuses.

General Education Electives (min. 4 credits)

_____ 🔒	BIO 105	Science of Biology	4
_____ 🔒	BIO 111	General College Biology with Lab	5
_____ 🔒	GEY 111	Physical Geology	4

Outdoor Education Leadership Requirements (min. 8 credits)

_____ ✳	OUT 287	Internship: Outdoor Leadership	1-2
_____ ✳	PSY 211	Leadership Development	3
_____ ✳	HUM 137	Wilderness & the American Ethic	3

Physical Education and Outdoor Skills Electives
(min. 2 credits)

_____	OUT 119	Swiftwater Rescue Technician I	1
_____ ✳	OUT 120	Orienteering	1
_____ ✳	OUT 210	Survival Skills	1
_____ ✳	PED 123	Bicycle Touring	1
_____ ✳	PED 124	Mountain Biking	1
_____ ✳	PED 127	Fly Fishing	1
_____ ✳	PED 133	Beginning Snowboarding	1
_____ ✳	PED 139	Beginning Telemark Skiing	1
_____ ✳	PED 150	Rock Climbing	1
_____ ✳	PED 151	Rock Climbing II	1
_____ ✳	PED 157	Basic Mountaineering	1
_____ ✳	PED 158	Sport Climbing	1
_____ ✳	PED 152	Beginning Ice Climbing	1
_____ ✳	PED 179	Beginning Kayaking	1
_____ ✳	PED 180	Trekking I	1
_____ ✳	PED 186	Tandem Canoeing	1
_____ ✳	PED 207	Intermediate Canoeing	1

Outdoor Education Electives (min. 2 credits)

_____ 🔒	ANT 101	Cultural Anthropology	3
_____ ✳	ANT 107	Introduction to Archaeology	3
_____ ✳	ANT 215	Indians of North America	3
_____ ✳	ANT 280	Southwest Field Exploration	2
_____ ✳	BIO 120	Introduction to Natural History	3
_____ ✳	BIO 144	Natural History of the Desert	2
_____ ✳	BIO 222	General College Ecology	4
_____ ✳	GEO 120	Snow, Ice, Avalanche	3
_____ ✳	GEY 205	Geology of Colorado	1
_____ ✳	GEY 208	Geology Field Trip	1-6
_____	OUT 160	Level I Avalanche Seminar	1
_____	OUT 260	Level II Avalanche Seminar	2

Orientation Electives (min. 6 credits)

_____ ✳	OUT 111	Mountain Orientation	2
_____ ✳	OUT 112	Desert Orientation	2
_____ ✳	OUT 113	Canyon Orientation	2
_____ ✳	OUT 114	Snow Orientation	2
_____ ✳	OUT 118	River Orientation	2

First Aid Electives (min. 5 – 4 credits) Industry standard is suggested.

_____	HWE 115	Medic First Aid	.5
_____	HWE 103	Community First Aid & CPR	.5
_____	HWE 129	Wilderness First Responder	4
_____	HPR 125	Outdoor Emergency Care	4

Minimum Credit Hours Required	**21.5 - 26**
Minimum Contact Hours Required	**309 - 630**

This program operates on public lands with special permits from the U.S. Forest Service and the Bureau of Land Management

Programs

STUDENT NAME	
ADVISOR	Date

Certificate of Completion: Outdoor Semester in the Rockies (OSR). This program blends the best of outdoor adventure with the disciplines of college education. We believe in educating the whole person. Academic training is far more effective if it is balanced with experiences that help you grow physically and personally. The Outdoor Semester gives you that balance.

The need to stimulate and develop an awareness of our environment has never been greater. The key to our future lies in our ability to balance our knowledge of human kind with knowledge of the natural environment. To achieve this balance, the Outdoor Semester in the Rockies program emphasizes three components: liberal arts education, outdoor skills, connection to the environment, and personal growth.

Choose the fall or spring OSR program. Each incorporates the OSR philosophy, providing different experiences for the individual. You will spend the semester outdoors learning skills in backpacking, rafting, rock climbing, and backcountry skiing. The OSR experience offers plenty of opportunities for personal growth and challenge.

Begin your college education with a semester outdoors. The credits earned can be applied as elective credit to the Associate of Arts, Associate of General Studies or Associate of Science degrees at Colorado Mountain College. The OSR program is designed to directly apply to the Associate of General Studies-Outdoor Recreation Leadership degree. Students who complete OSR will receive a Certificate of Completion, Outdoor Semester in the Rockies.

You must demonstrate acceptable proficiency levels in reading and writing as pre-requisites for courses within this degree or certificate. Your proficiency may affect the sequence in which you can enroll and may also extend the time required to complete this program. For more details, please see the Academic Placement and Testing section.

These courses are helpful for learning special skills or for concentrating your learning in a special area of interest. The courses are from our approved Master Course list. Though the certificate itself is not approved by the state of Colorado for occupational education or for transfer, all of the courses are transfer-level and may be applied as elective credit toward our Associate of Arts degree.

Outdoor Semester in the Rockies is offered through Timberline Campus in Leadville.

Team building in the wilderness.

_____✱__	OUT	113 Canyon Orientation	2
_____✱	OUT	114 Snow Orientation	2
_____✱__	OUT	118 River Orientation	2
_____✱	OUT	120 Orienteering	1
_____	OUT	160 Level I Avalanche Seminar	1
_____✱	PED	150 Rock Climbing	1
_____✱__	HUM	137 Wilderness & the American Ethic	3
_____✱	BIO	120 Introduction to Natural History	3
_____✱	ANT101 Cultural Anthropology		3

Minimum Credit Hours Required 18
Minimum Contact Hours Required   **397.5**

This program operates on public lands with special permits from the U.S. Forest Service and the Bureau of Land Management.

Courses
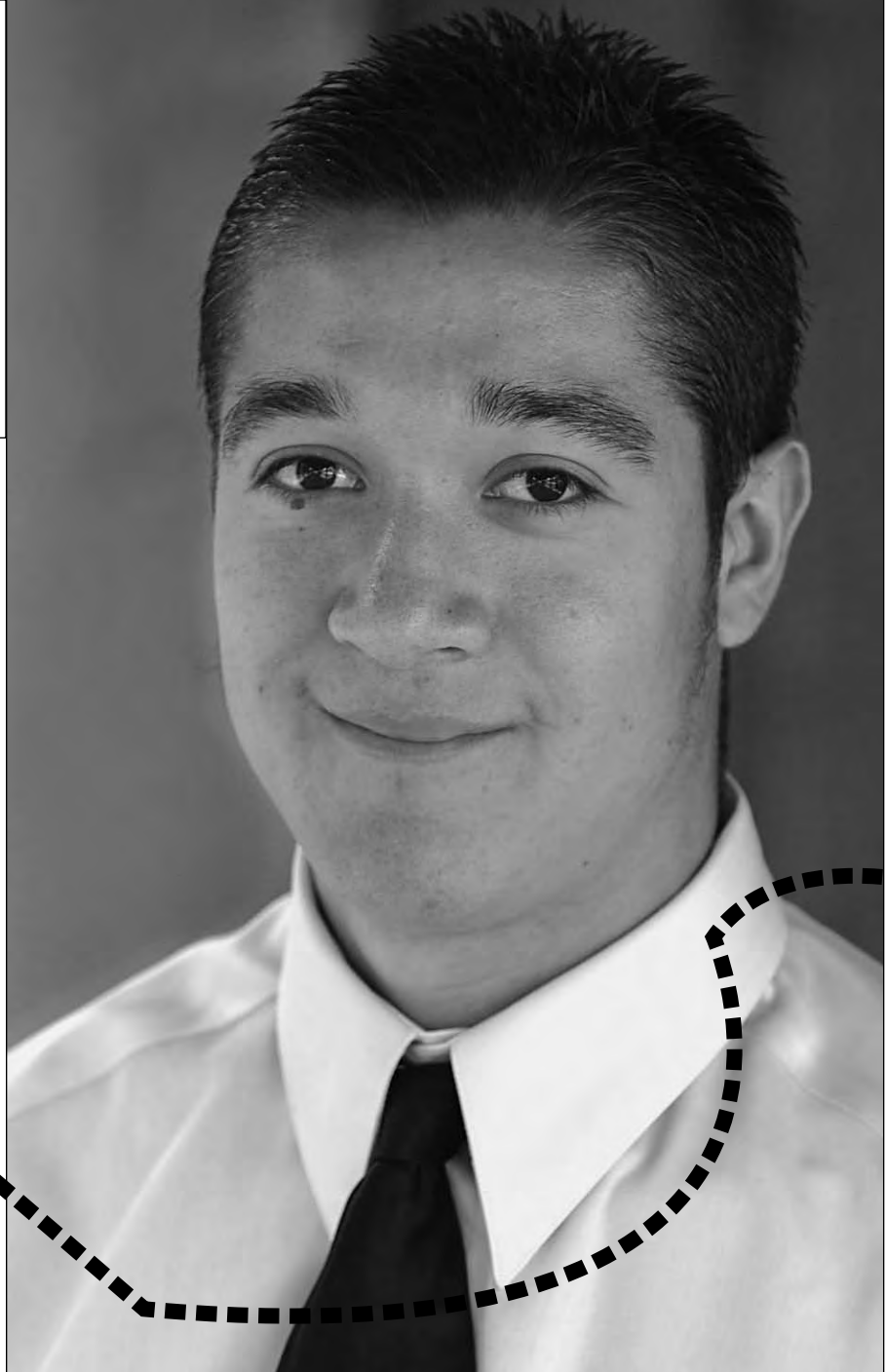
Native of El Salvador **JORGE ALVARADO** was honored for academic achievement as an Alpine Bank Hispanic-Latino Scholar. For his athletic achievements he was honored as an all-conference honorable mention with the Colorado Mountain College Eagles Soccer Team. He is pursuing degree in business and plans to transfer for a bachelor's degree.

Colorado Mountain College courses can help you create new life options. Occupational courses are designed to give you entry-level skills in everything from Graphic Design to Ski Area Operations. Academic programs feature the rigorous and transferrable Colorado State Guaranteed Transfer Courses.

Academic Policies

This section describes academic policies related to certificate and degree completion, class cancellation and academic conduct.

Academic Forgiveness Policy

Occasionally, due to overwhelming and unavoidable circumstances, a student earns grades that are not representative of his/her abilities. Colorado Mountain College recognizes that grades can have both a positive and negative impact on a student's educational objectives. In an effort to diminish the negative impact of these grades on the student's ability to obtain a degree or certificate at Colorado Mountain College, the college has developed an Academic Forgiveness Policy. This policy is not intended to simply allow the student to remove a semester of poor performance. The program is intended to provide a second chance (at Colorado Mountain College) for the student who earned poor grades because of unusual circumstances that were overwhelming and unavoidable. The policy may also offer a second chance for the student who did not perform well and has been absent from the institution for several years and wishes to return and begin a new grade point average, etc. For additional information concerning Academic Forgiveness, please contact your Student Services Counselor.

Academic Honesty

To fulfill its purposes, Colorado Mountain College maintains high standards of academic behavior. All members of the Colorado Mountain College community are expected to exhibit honesty in their academic work.

Students have a responsibility to acquaint themselves with and make use of proper procedures for writing papers, taking examinations, and doing research. The principle of academic honesty is understood to apply to all student work, including papers, reports, computer work, quizzes, and examinations. Colorado Mountain College reserves the right to suspend or dismiss a student whose conduct is found to be in conflict with the principle of academic honesty.

Academic Standing

Each semester, the Registrar reviews the academic performance of students who have declared program (major) intent. This review determines the students' academic status. The following sections describe the criteria used to determine academic status.

Academic Probation

Students who have attempted 12 or more hours at Colorado Mountain College ("AW" is, for this purpose, included as attempted) and who have earned a cumulative grade point average of 1.0 to 1.99 are placed on Academic Probation. Probationary status remains for the next semester of enrollment.

Students who are placed on Academic Probation have one semester of enrollment to bring their cumulative grade point average up to at least 2.0. If, at the end of the next term of enrollment, the students' cumulative grade point average is not 2.0 or better, they will be placed on Academic Suspension.

Academic Suspension

Students who have attempted twelve or more hours at Colorado Mountain College ("AW" is, for this purpose, included as attempted) and who have earned a cumulative grade point average of less than 1.0 will be placed on Academic Suspension.

Students placed on Academic Suspension have a right to appeal the suspension. Please contact the registration office at the site for instructions related to the appeal. Usually, suspensions remain for at least one semester. Students suspended for academic reasons must, even after one semester, appeal in writing for reinstatement.

Dean's Honors List

Students with a declared program intent and who have earned six credit hours or more of evaluative grades ("A" through "F"- not including "P" in courses numbered 100 to 299) in the semester under review, and have earned a term grade point average of 3.5 to 3.99, are admitted to the Dean's Honors List.

President's Honors List

Students with a declared program intent and who have earned six credit hours or more of evaluative grades ("A" through "F"- not including "P" in courses numbered 100 to 299) in the semester under review, and have earned a term grade point average of 4.0, are admitted to the President's Honors List.

Catalog in Force Requirement

The catalog in force, or catalog of record, requirement, is based on the Colorado Mountain College academic year, which runs from summer semester to summer semester. The academic year is defined as summer, fall and spring semesters. Students beginning their enrollment in the spring semester who successfully complete a minimum of three semester hours which are used in meeting a degree or certificate requirement, are considered to have met these standards for that academic year.

Students who do not maintain continuous enrollment will lose the right to use the original catalog requirements and must use the catalog in force at the time of re-enrollment. Continuous enrollment for this purpose is defined as the successful completion of at least three credit hours (that are used in meeting degree or certificate requirements) in at least two of the three terms of the academic year.

Students also have the option of selecting the catalog that is in force at the time they apply for graduation, or a catalog between these years.

Please contact the Colorado Mountain College Registrar Office with any questions concerning the catalog in force/catalog of record policy.

Class and Program Cancellation Policy

Colorado Mountain College reserves the right to cancel any of its classes or programs. Reasons for cancellation include but are not limited to lack of enrollment, instructor withdrawal, inability to gain needed insurance coverage, loss of facilities needed

to conduct the class and inability to acquire or retain specialized equipment needed to conduct the class.

The College may conduct the first session of a class in anticipation of enrollment sufficient to meet required minimums. If the necessary enrollment is not reached the class may be cancelled prior to its second session. The College retains the right to alter time schedules or make other changes as necessary.

Continuous Enrollment Policy

Continuous enrollment for this purpose is defined as the successful completion of at least three credit hours (which are used in meeting degree or certificate requirements) in at least two of the three terms of the academic year.

If you do not maintain continuous enrollment, you will lose the right to use the original catalog requirements and must use the catalog in force at the time of re-enrollment. You also have the option of selecting the catalog which is in force at the time you apply for graduation, or a catalog between these years.

See the Catalog in Force section of this document for more information.

Reading the Course Codes

This section will help you understand our course coding system so you can easily find the course you are looking for. This section also explains the transferability of courses, and special requirements for admission into some courses.

Transfer Courses

All Colorado Guaranteed Transfer courses are marked with a padlock (🔒) icon. For courses outside of the Colorado Guaranteed Transfer Curriculum, Colorado Mountain College uses standard Colorado numbering and titles for many transfer-level courses. This coding is part of a statewide system to ease the transfer process by standardizing titles and descriptions for additional transfer-level courses.

As part of the State Guaranteed Transfer Curriculum, public two-year colleges in Colorado use the same titles, numbers and descriptions for transfer-level courses that are offered by more than one school (see "Course Numbers" below).

Courses marked with an asterisk (✱) apply to the CMC AA and AS degrees and are

A portion of the Golf Club Management program at Colorado Mountain College is taught on site at the Haymaker Golf Course near Steamboat Springs.

generally accepted in transfer by two or more Colorado public four-year colleges or universities. A list of these institutions and the specific courses they accept is available from your counselor or advisor. This list can be very helpful as you plan your schedule and prepare for transfer. Requirements may change, so check with the receiving institution for its current catalog.

Course Letters

The alphabetic codes at the beginning of each course description abbreviate both the content of the course and the department offering it. For example, Math courses are listed under the alphabetic code MAT. Business courses can be found under BUS, English under ENG, and so on. Courses which include "Developmental in their title are designed to develop basic skills for students working below college-level in reading, study skills, math and English. These courses do not apply toward graduation, but help students advance from any level of ability through two years of college.

Course Numbers

The numeric portion of the code is based on the following:

1. Developmental, basic, pre-college and non-credit courses are numbered 000-099 and 900-999. These do not apply toward Colorado Mountain College certificates or degrees.

2. Courses numbered 100-299 apply toward Colorado Mountain College certificates and degrees. Not all courses

apply to all degrees. Check the Catalog description of each degree to determine whether the course can be applied to the degree in which you are interested.

3. Courses marked with an asterisk (A) in the Course Description section apply to the CMC AA or AS degrees. State-Guaranteed Transfer Courses are marked with a lock icon.

4. Courses numbered 800-899 are usually offered for high school students. These do not apply to Colorado Mountain College degrees and certificates.

5. For transcript evaluation purposes, a historical record of all previous equivalent course codes is included at the end of the course description.

Course Co- and Pre-Requisites

Some classes require previous coursework before you can enroll. These are listed as pre-requisites after the title of each course description. If a course requires you to take another class simultaneously, the second course will be listed as a co-requisite. These are also listed after the title of each course description.

Course Credits and Clock Hours

Clock hours are listed at the end of each course description. Credits are determined by the number and type of clock hours assigned to each course. For example, 15 lecture hours, 30 laboratory hours or 45 hours of cooperative work experience each yield one credit hour. Some classes combine these types of instruction.

Courses

Where the Courses are Offered

This is a list of all the courses from the Colorado Mountain College Master Course List. These courses are offered as part of the Associate of Arts, Associate of Science, Associate of Applied Science, Associate of General Studies degrees and occupational and general education certificates.

However, not all courses are offered at every campus each term. Some courses require special facilities available only at one campus. Others were developed to serve the specific needs of students in one area of our district. To learn which of these courses are offered at the campus nearest you, check the Arts and Science Degrees or Occupational Degree and Certificate sections of this catalog, or read the class schedule published every semester by each campus.

Schedules are published online at www.coloradomtn.edu/classes/

The Master Course List is reviewed each year prior to publishing the catalog to ensure that each course listed has been recently offered. During the year other courses may be added or deleted from this list.

Class Schedules

Each campus publishes the classes offered at that location and via distance learning. Schedules are published approximately two to three weeks before registration begins, and are also available online at http://www.coloradomtn.edu/classes/schedules.html.

Designated Repeatable Courses

A limited number of courses have been designated as repeatable for credit. These courses are noted in the course description section of this Catalog.

These courses are the following:

- Geology Field Trip: GEY 208
- Special Topics: Courses coded 175 or 275
- Cooperative Work Experience: Courses coded 187 or 287
- Internships

While there is no limit to the actual number of credits which may be awarded within these course codes, you may count only up to a maximum of six credit hours of Special Studies courses toward the Associate of Arts and Associate of Science degree requirements.

Distance Learning Courses

In addition to classroom-based learning delivered at our community and residential campuses, Colorado Mountain College delivers education using distance learning technologies. Through distance learning, you can access education nearly anytime from anywhere. Instructors communicate with distance learning students through a variety of means, including written correspondence, telephone, e-mail and course web sites. Registration for a web course is the same as other Colorado Mountain College courses. Regular tuition and fees apply. If you would like to transfer distance learning course credit, please contact a college advisor before enrolling.

Interactive Video Network Courses

Colorado Mountain College offers courses that are transmitted across the district via live interactive videoconferencing. The Colorado Mountain College Interactive Video Network connects students in Aspen, Breckenridge, Eagle, Glenwood Springs, Leadville, Rifle, Spring Valley, Steamboat Springs and Vail.

It allows students at any location to see, hear, speak and share media with their teacher and classmates at several other Colorado Mountain College sites. Students may also view classroom demonstrations and lecture notes on the video screen. The interactive video network allows the college to "pool" students from several campuses to offer courses that would otherwise be unavailable due to resource or enrollment constraints.

Internet Web Courses

Though your schedule may not permit you to attend class at one of our campuses, you still have opportunities to earn college credit on a flexible schedule through our web courses. Web courses are facilitated with the expert assistance of Colorado Mountain College instructors. Topics covered in these courses include subjects such as anthropology, business, geology, health, political science and psychology. The curriculum is academically proven and is developed by nationally recognized scholars, college faculty and instructional specialists. Web courses are delivered almost entirely over the Internet. Examples of web course activities include cyber classroom discussions, exams via computer, computer-assisted instruction labs, research papers and course readings.

Subject areas for these courses include anthropology, computer information sys-

tems, humanities, and resort management. Students are required to have access to the World Wide Web and use e-mail to complete these courses. Computers are available in CMC computer labs during open-lab hours.

Teleweb Courses

Some web courses use video material in place of class lectures. Videos are available for checkout at all Colorado Mountain College locations and in some cases may be checked out from a public library to view at home. Video learning is supplemented by selected textbooks, study guides and course web sites.

Hybrid Distance Learning Courses

Some courses incorporate a variety of distance learning technologies. For example, Distance Learning Spanish courses use the Internet for a majority of course content but also meet on the Interactive Video Network for language practice.

Non Credit Course Offerings

Many Colorado Mountain College students take non-credit courses.

Non-credit courses are offered in subject areas or at academic levels not appropriate for credit work at the community college level. These courses are self-supporting so fees must cover all costs of instruction. These courses are designated as non-credit in the course schedule. Prior to summer 2003, non-credit courses did not appear on the student's academic record. Currently, there is a special non-credit transcript is available.

Some non-credit programs provide Continuing Education Units (CEUs) for completion. Please inquire upon registration if you are seeking CEUs.

Non-credit students pay fees as listed in the class schedule descriptions. No grades are issued. No academic credit is earned.

Noncredit courses are not published in the Master Course listing, but are published in the campus class schedules and on the web at: www.coloradomtn.edu/classes/ .

Credit Courses by Program

This section summarizes all credit courses offered through CMC by Program. Included with the description are the clock hours, credit hours, and previous course codes used by the course offering.

Disclipline/Program Acronyms

2006-2007 Discipline/Dept Groups in alphabetical order:

Accounting	ACC
Art	
Visual Arts	ART
Business	
Business Technology	BTE
Business	BUS
Small Business Management	SBM
Management	MAN
Marketing	MAR
Communications	
American Sign Language	ASL
Communications	COM
English Communications	ENG
Film and Video Technology	FVT
Journalism	JOU
Radio and Television	RTV
Speech	SPE
Criminal Justice	CRJ
Culinary Arts	CUA
Dance	DAN
Developmental Studies	
Academic Achievement	AAA
Developmental English	ENG 000-090
English as a Second Language	ESL
Developmental Math	MAT 000-090
Reading	REA
Education	
Early Childhood Education	ECE
Education	EDU
Emergency Medical Services	
Emergency Medical Services	EMS
Engineering	EGG
Engineering Technology	ENT
Fire Science Technology	FST
Foreign Language	
French	FRE
German	GER
Italian	ITA
Japanese	JPN
Russian	RUS
Spanish	SPA
Golf Club Management	GCM
Graphic Design	
Multimedia Graphic Design	MGD
Health and Wellness and Recreation	
Health Professional	HPR
Health Science	HSC
Health & Wellness	HWE
Physical Activities	PAC
Physical Education	PED
Physical Education Recreation	PER
Recreation	REC

Humanities	
Capstone	CAP
Honors	HON
Humanities	HUM
Literature	LIT
Philosophy	PHI
Information Technology	
Computer Information Systems	CIS
Computer & Networking Technology	CNG
Computer Science	CSC
Computer Based Web	CWB
Math	MAT 100-299
Music	MUS
Natural Resource Management	
Water Quality Management	WQM
Nursing	
Nursing Assistant	NUA
Nursing	NUR
Occupations	
Auto Service Technology	ASE
Aviation Technology	AVT
Computer Assisted Drafting	CAD
Construction Technology	CON
Electricity Industrial/Commercial	ELC
Equine Management	EQM
Fine Woodworking	FIW
Geography Information Systems	GIS
Library Technician	LTN
Medical Office Technology	MOT
Occupations	OCC
Occupational Safety Technician	OSH
Pharmacy Technician	PHT
Public Service	PSV
Welding	WEL

Outdoor Studies	
Outdoor Studies	OUT
Recreation	REC
Professional Photography	PHP
Process Technology	PRO
Real Estate	REE
Resort Management	HOS
Science	SCI
Astronomy	AST
Biology	BIO
Chemistry	CHE
Geography	GEO
Geology	GEY
Meteorology	MET
Physics	PHY
Ski Area Operations	SAO
Ropeway Technician	SAO 121-124 & 221-224
Ski Area Operations	all other SAO's
Ski Business	SKB
Social & Behavioral Sciences	
Anthropology	ANT
Economics	ECO
Geography	GEO
History	HIS
Political Science	POS
Psychology	PSY
Sociology	SOC
Theatre	THE
Veterinary Technology	VET

Training for the oil and gas industry.

Courses

Academic Achievement

AAA-010 - ACADEMIC ACHIEVEMENT IN PRE-COLLEGE : EQUIVALENT STUDIES   **1.0 CR**
Meets the requirements of the Comprehensive Student Assessment System and the Secretary's Commission on Achieving Necessary Skills, as well as work and postsecondary enrollment skills. Enables the student to review and improve in reading, writing, mathematics, science, and social studies in preparation for the GED test.
15 CLOCK HRS

AAA-011 - LEARNING UNLIMITED FOR HIGH SCHOOL   **1.0-3.0 CR**
Learning Unlimited provides individually-paced instruction, which assists students who are currently enrolled in high school in improving reading, writing, mathematics, and study skills. Students MUST have high school official and parent's permission to enroll.

AAA-030 - U.S. CITIZENSHIP   **1.0-3.0 CR**
This course prepares students to take the U.S. citizenship exam.

AAA-050 - SEMESTER SURVIVAL   **2.0 CR**
Emphasizes basic study skills in order to bolster the student's chances of completing the current semester successfully.
30 CLOCK HRS

AAA-090 - ACADEMIC ACHIEVEMENT STRATEGIES   **3.0 CR**
Develops personalized approaches to learn and succeed for easier transition into college. Topics include goal setting, time management, textbook reading strategies, note taking, test taking, listening techniques, concentration and memory devices, and critical thinking for student success.
45 CLOCK HRS

AAA-109 - ADVANCED ACADEMIC ACHIEVEMENT   **3.0 CR**
Examines theories and practices associated with successful learning to enhance college success. Areas of study include education and career planning, effective communication, personal management, critical and creative thinking, development of community, and awareness of diversity, leadership, and techniques for successful academic performance. Recommended for new and returning students.
Prev. Course Codes: (PSY-100) (SKS-125) (SKS-080) (SKS-101) (COM-150) 45 CLOCK HRS

AAA-175 - SPECIAL TOPICS   **1.0-6.0 CR**
Exploration of current topics, issues, and activities related to one or more aspects of the named discipline.

AAA

Accounting

ACC-101 - FUNDAMENTALS OF ACCOUNTING   **3.0 CR**
PREREQUISITE: College-Level Reading;
Presents the basic elements and concepts of accounting, with emphasis on the procedures used for maintaining journals, ledgers, and other related records, and for the completion of period reports for small service and merchandising businesses.
Prev. Course Codes: (acc-010) (ACG-010) (ACG-120) 45 CLOCK HRS

ACC-115 - PAYROLL ACCOUNTING   **3.0 CR**
CO-REQUISITES: ACC-101, ACC-121;
PREREQUISITE: ACC-101 or ACC-121(7); Min. grade C-;
Studies federal and state employment laws and their effects on personnel and payroll records. The course is non-technical and is intended to give students a practical working knowledge of the current payroll laws and actual experience in applying regulations. Students are exposed to computerized payroll procedures.
Prev. Course Codes: (ACC-240) 45 CLOCK HRS

✱ ACC-121 - ACCOUNTING PRINCIPLES I   **4.0 CR**
PREREQUISITE: College-Level Reading;
Introduces the study of accounting principles for understanding of the theory and logic that underlie procedures and practices. Major topics include the accounting cycle for service and merchandising companies, special journals and subsidiary ledgers, internal control principles and practices, notes and interest, inventory systems and costing, plant assets and intangible asset accounting, and depreciation methods and practices.
Prev. Course Codes: (ACG-111) (ACG-151)
60 CLOCK HRS

✱ ACC-122 - ACCOUNTING PRINCIPLES II   **4.0 CR**
PREREQUISITE: ACC-121(7); Min. grade C-;
Continues the study of accounting principles as they apply to partnerships and corporations. Major topics include stocks and bonds, investments, cash flow statements, financial analysis, budgeting, and cost and managerial accounting.
Prev. Course Codes: (ACG-112) (ACG-152)
60 CLOCK HRS

✱ ACC-125 - COMPUTERIZED ACCOUNTING   **3.0 CR**
PREREQUISITE: ACC-121(7); Min. grade C-;
Introduces the capabilities of computer applications in accounting. Includes solving accounting problems of a financial nature and hardware and software controls.
Prev. Course Codes: (CIS-153) (CIS-155) (CIS-030) (CSC-030) (CSC-130) (ACG-226)
45 CLOCK HRS

ACC-131 - INCOME TAX   **3.0 CR**
PREREQUISITE: College-Level Reading;
This course is the study of basic concepts of federal income taxation, including gross income, deductions, accounting periods and methods, and property transactions, with emphasis on taxation of individuals and sole proprietorships.
Prev. Course Codes: (ACC-221) (ACC-015) (ACG-015) (ACG-161) 45 CLOCK HRS

ACC-175 - SPECIAL TOPICS   **1.0-6.0 CR**
Provides students with a vehicle to pursue in-depth exploration of special topics of interest.

ACC-211 - INTERMEDIATE ACCOUNTING I   **4.0 CR**
PREREQUISITE: ACC-122; Min. grade C-;
Focuses on comprehensive analysis of generally accepted accounting principles (GAAP), accounting theory, concepts, and financial reporting principles for public corporations. It is the first of a two-course sequence in financial accounting and is designed primarily for accounting and finance majors. Focuses on the preparation and analysis of business information relevant and useful to external users of financial reports. Explores the theories, principles and practices surveyed in Accounting Principles and critically examines real world financial analysis and reporting.
Prev. Course Codes: (ACC-027) (ACG-027) (ACG-252) 60 CLOCK HRS

ACC-212 - INTERMEDIATE ACCOUNTING II   **4.0 CR**
PREREQUISITE: ACC-211; Min. grade C-;
Focuses on the theoretical and practical aspects of accounting for long term liabilities, stockholders' equity, investments, pensions, and leases. Includes income tax allocation, financial statement analysis, cash flow statements, and accounting methods changes.
Prev. Course Codes: (ACC-028) (ACG-028)
60 CLOCK HRS

ACC-215 - ACCOUNTING INFORMATION SYSTEMS AND E-BUSINESS   **3.0 CR**
PREREQUISITE: ACC-122; Min. grade C-;
Studies the principles, concepts and tools used in the analysis, design, implementation, and integration of accounting systems, internal controls systems, and accounting procedures. Key elements of system analysis, business systems design, accounting software selection, and the acquisition and implementation of systems are studied. Techniques and systems for electronic control systems, electronic data interchange, electronic funds transfer, and web commerce are explored.
Prev. Course Codes: (ACC-245) 45 CLOCK HRS

ACC-216 - GOVERNMENTAL & NOT-FOR-PROFIT ACCOUNTING   **3.0 CR**
PREREQUISITE: ACC-122; Min. grade C-;
Addresses concepts of budgetary control as a matter of law and public administration theory. Accounting principles and procedures necessary to implement budgetary controls for governmental units and other not-for-profit institutions and organizations are presented.
Prev. Course Codes: (ACC-250) (ACC-085) (ACG-085) 45 CLOCK HRS

ACC-226 - COST ACCOUNTING   **3.0 CR**
PREREQUISITE: ACC-122; Min. grade C-;
Studies cost accumulation methods and reports. Focuses on the concepts and procedures of job order, process, standard and direct cost systems, budgeting, planning, and control of costs.
45 CLOCK HRS

✱ ACC-231 - BUSINESS TAXATION   **3.0 CR**
PREREQUISITE: ACC-131; Min. grade C-;
Introduces students to taxation of business entities and transactions. Topics include taxation of property transactions, various tax issues that apply to different tax entities, tax administration and practice, and the taxation effects of formation, operation, and dissolution of corporations, partnerships, S corporations, trusts, and estates.
45 CLOCK HRS

ACC-235 - COMPUTERIZED ACCOUNTING FOR SMALL BUSINESS   **3.0 CR**
PREREQUISITE: ACC-121; Min. grade C-;
Introduces a microcomputer package, such as Quickbooks, One-write Plus, or similar accounting application for use in a small business. Focuses on installation, starting the application, and converting a manual accounting system to an electronic system. Includes an easy to use bookkeeping system that incorporates all daily transactions and summarizes records in reports for a complete financial picture.
45 CLOCK HRS

ACC-275 - SPECIAL TOPICS   **1.0-6.0 CR**
Provides students with a vehicle to pursue special topics of interest. The content of this course is designed on an as needed basis to provide current, up-to-date information.
Prev. Course Codes: (ACC-290A)

ACC-287 - COOPERATIVE EDUCATION   **3.0 CR**
Provides an opportunity to gain practical experience in applying occupational skills and/or to develop specific skills in a practical work setting. The instructor works with the student to select an appropriate work site, establish learning objectives, and coordinate learning

activities with the employer or work site supervisor. For Accounting majors only.
Prev. Course Codes: (ACC-130C) (ACC-030C) (ACC-030) (ACG-030C) 135 CLOCK HRS

Anthropology

🔒 **ANT-101 - CULTURAL ANTHROPOLOGY**   3.0 CR
PREREQUISITE: College-Level Reading;
Studies human cultural patterns and learned behavior. Includes linguistics, social and political organization, religion, culture and personality, culture change, and applied anthropology.
Prev. Course Codes: (ANT-152) 45 CLOCK HRS

✱ **ANT-107 - INTRODUCTION TO ARCHAEOLOGY**   3.0 CR
PREREQUISITE: College-Level Reading;
Introduces the science of recovering the human prehistoric and historic past through excavation, analysis, and interpretation of material remains. Includes a survey of the archaeology of different areas of the Old and New Worlds. Also includes the works of selected archaeologists and discussions of major archaeological theories.
Prev. Course Codes: (ANT-210) (ANT-250) 45 CLOCK HRS

🔒 **ANT-111 - PHYSICAL ANTHROPOLOGY**   3.0 CR
PREREQUISITE: College-Level Reading;
Studies human biology and its effects on behavior. Includes principles of genetics and evolution, vertebrates and primates, human origins, human variation, and ecology.
Prev. Course Codes: (ANT-151) 45 CLOCK HRS

✱ **ANT-121 - CULTURES OF THE SOUTHWEST**   3.0 CR
PREREQUISITE: ANT-101 ANT-107 or ANT-111; Min. grade C-;
Includes the major prehistoric cultures (Paleoindian, Desert Culture, Anasazi, Hohokam, and Mogollon) and ethnographic views of the historic cultures (Pueblos, Navajo, Apache, Pima, Papago, Spanish-American, and Anglo-American). The purpose of the study is to trace the stages through which these cultures have passed in order to evaluate environmental influences on human activities and to perceive human influences on the environment.
45 CLOCK HRS

✱ **ANT-211 - CULTURAL RESOURCE MANAGEMENT**   3.0 CR
PREREQUISITE: College-Level Reading;
Introduces the cultural resources management requirements of the federal government. Explores the history, purposes, and goals of historic preservation through an examination of cultural, archaeological, and historical resources of the American Southwest.
45 CLOCK HRS

✱ **ANT-215 - INDIANS OF NORTH AMERICA**   3.0 CR
PREREQUISITE: College-Level Reading;
Studies the Indians of North America from the origins of native peoples in the New World through the development of geographic culture areas, to European contact and subsequent contemporary Native American issues.
Prev. Course Codes: (ANT-230) (ANT-260) 45 CLOCK HRS

✱ **ANT-221 - EXPLORING OTHER CULTURES I**   3.0 CR
PREREQUISITE: College-Level Reading;
Provides an anthropological understanding of a selected culture. Areas of study include the culture's language, processes of enculturation, subsistence patterns and economics, kinship and descent, political organization, religion, art, history, and its reactions to the forces of globalization.
Prev. Course Codes: (ANT-251) 45 CLOCK HRS

✱ **ANT-222 - EXPLORING OTHER CULTURES II**   3.0 CR
PREREQUISITE: ANT-221; Min. grade C-;
Provides an anthropological understanding of another selected culture (continuation of ANT-221) with a more in-depth treatment. Areas of study include the culture's language, processes of enculturation, subsistence patterns and economics, kinship and descent, political organization, religion, art, history, and its reactions to the forces of globalization.
45 CLOCK HRS

✱ **ANT-225 - ANTHROPOLOGY OF RELIGION**   3.0 CR
PREREQUISITE: College-Level Reading;
Explores the culturally universal phenomenon of religion. Cross-cultural varieties of beliefs in the supernatural and the religious rituals people employ to interpret and control their worlds are examined.
45 CLOCK HRS

✱ **ANT-260 - SEX, GENDER, AND CULTURE**   3.0 CR
PREREQUISITE: College-Level Reading;
Explores the anthropology of gender. Includes the relationship between biology and culture in human evolution, archaeological evidence of gender distinctions in prehistory, cross-cultural constructions of masculinity, femininity, and sexuality, variations in the sexual division of labor and economic stratification, gender differences in ritual and religion, and the impact of gender issues in contemporary global culture change.
45 CLOCK HRS

✱ **ANT-263 - ANTHROPOLOGY OF FOLKLORE**   3.0 CR
PREREQUISITE: College-Level Reading;
This course is a cross-cultural examination of oral traditions and verbal arts and how they reflect and preserve cultural values and worldviews. Various narratives (myths, legends, and tales), dramas, poetry, and other structured sayings are considered.
45 CLOCK HRS

ANT-275 - SPECIAL TOPICS   1.0-5.0 CR
Provides opportunity for off-campus field experience or study of a special topic in anthropology. Field study may occur at archaeological sites, museums, host educational institutions, within ethnographic situations, or other anthropologically appropriate places. Study of a special topic may include that derived from physical anthropology, cultural anthropology, archaeology, or other anthropological discipline.

✱ **ANT-280 - SOUTHWEST FIELD EXPLORATION**   2.0 CR
PREREQUISITE: College-Level Reading;
Introduces the social, religious, economic, and cultural development of the Anasazi. Major ruins, excavation sites, and laboratory facilities in the Four Corners region are explored.
Prev. Course Codes: (ANT-280AB) (ANT-270AB) 52.5 CLOCK HRS

Visual Arts

🔒 **ART-110 - ART APPRECIATION**   3.0 CR
PREREQUISITE: College-Level Reading;
Introduces the cultural significance of the visual arts, including media, processes, techniques, tradition, and terminology.
45 CLOCK HRS

🔒 **ART-111 - ART HISTORY I**   3.0 CR
PREREQUISITE: College-Level Reading;
Provides the knowledge base to understand the visual arts, especially as related to Western culture. Surveys the visual arts from the Ancient through the Medieval periods.
Prev. Course Codes: (ART-151) 45 CLOCK HRS

🔒 **ART-112 - ART HISTORY II**   3.0 CR
PREREQUISITE: College-Level Reading;
Provides the knowledge base to understand the visual arts, especially as related to Western culture. Surveys the visual arts from the Renaissance through the Modern periods.
Prev. Course Codes: (ART-152) 45 CLOCK HRS

✱ **ART-118 - ART SAMPLER**   3.0 CR
Introduces students to basic skills through various art media. This course may be repeated under a different subtitle for a maximum of six credit hours. Encompasses a multitude of one credit art experiences that expose students to an art form that they may wish to explore further.
67.5 CLOCK HRS

✱ **ART-121 - DRAWING I**   3.0 CR
Investigates the various approaches and media that students need to develop drawing skills and visual perception.
Prev. Course Codes: (ART-161) 67.5 CLOCK HRS

✱ **ART-122 - DRAWING II**   3.0 CR
PREREQUISITE: ART-121; Min. grade C-;
Explores expressive drawing techniques with an emphasis on formal composition, color media, and content or thematic development.
67.5 CLOCK HRS

✱ **ART-123 - WATERCOLOR I**   3.0 CR
Provides an introduction to the basic techniques and unique aspects of materials involved in the use of either transparent or opaque water media or both. Color theory is included.
67.5 CLOCK HRS

✱ **ART-124 - WATERCOLOR II**   3.0 CR
PREREQUISITE: ART-123(97); Min. grade C-;
Continues the study of watercolor techniques, emphasizing original compositions and experimentation with materials. Color theory is included.
Prev. Course Codes: (ART-232) (ART-227) (ART-272) 67.5 CLOCK HRS

ART-130 - DRAWING ON THE RIGHT SIDE OF THE BRAIN   1.0 CR
A set of basic exercises designed to release creative potential by tapping the special abilities of the right side of the brain is provided in this course. Emphasis is on learning to draw by practicing "setup" conditions which cause a shift to a different mode of information processing. Text required.
22.5 CLOCK HRS

✱ **ART-131 - 2-D DESIGN**   3.0 CR
Examines the basic elements of design, visual perception, and artistic form and composition as they relate to two-dimensional media.
67.5 CLOCK HRS

✱ **ART-132 - 3-D DESIGN**   3.0 CR
Focuses on learning to apply the elements and principles of design to three dimensional problems.
Prev. Course Codes: (ART-178) 67.5 CLOCK HRS

✱ **ART-135 - FIBER DESIGN I**   3.0 CR
Introduces basic fiber design. Explores basic studies and approaches to fiber design, ranging from the uses of dyes, prints, painting, and threads to an appreciation of the properties of various kinds of fiber and textiles.
67.5 CLOCK HRS

Courses

ART

✱ ART-138 - PHOTOGRAPHY I　　　　3.0 CR
Introduces black and white photography as a fine art medium and develops skills necessary for basic camera and lab operations.
Prev. Course Codes: (ART-151) (PHA-111) (PHA-021) (PHA-121) (PHO-101) 60 CLOCK HRS

✱ ART-139 - PHOTOGRAPHY II　　　　3.0 CR
PREREQUISITE: ART-138; Min. grade C-;
This course is a further exploration in camera and lab operations with an emphasis on individual creativity. It includes the development of a comprehensive portfolio.
Prev. Course Codes: (ART-152) (PHA-112) (PHA-022) (PHA-122) (PHO-102) 60 CLOCK HRS

ART-140 - COLOR PHOTOGRAPHY I　　　　3.0 CR
PREREQUISITE: ART-138; Min. grade C-;
Covers the fundamentals of color photography such as color theory and light, production, processing and printing color negatives.
Prev. Course Codes: (PHO-103) 60 CLOCK HRS

✱ ART-141 - JEWELRY AND METAL WORK I　　　3.0 CR
Introduces the construction of jewelry designs in metals and small casting techniques.
67.5 CLOCK HRS

✱ ART-142 - JEWELRY AND METAL WORK II　　3.0 CR
PREREQUISITE: ART-141; Min. grade C-;
Emphasizes conceptual design development using casting and specialized techniques.
67.5 CLOCK HRS

ART-143 - DIGITAL PHOTOGRAPHY I　　　　3.0 CR
PREREQUISITE: ART-138; Min. grade C-;
Introduces the basic concepts of digital imaging as applied to photography. Using applicable technology and hands-on experience, modern developments are presented leading to the present applications of digital imaging which combine traditional photographic ideas with electronic media. Enables the student to learn how to operate image manipulation software using a variety of scanning equipment, software tools, and output devices by executing new assignments and applying these technologies to their photographic process.
Prev. Course Codes: (PHO-205) 67.5 CLOCK HRS

ART-144 - NONSILVER PROCESSES　　　　1.0 CR
Explores several non-silver photographic processes including the Platinotype, Cyanotype, and Van Dyke Brown printing techniques. Production of enlarged negatives from 35mm negatives and transparencies as required for contact printing for these processes.
Prev. Course Codes: (PHO-145) 22.5 CLOCK HRS

✱ ART-146 - STAINED GLASS I　　　　3.0 CR
Develops a basic understanding and approach to stained glass. Students gain an understanding of and appreciation for the properties of glass and the nature of finished stained glass construction.
Prev. Course Codes: (ART-115) (ARC-070) (ARC-131) (ART-270SB) 67.5 CLOCK HRS

✱ ART-147 - STAINED GLASS II　　　　3.0 CR
PREREQUISITE: ART-146; Min. grade C-;
A continuation of Stained Glass I, students advance to a clearer but still basic understanding and approach to stained glass. Students gain a greater understanding of and appreciation for the properties of glass and the nature of finished stained glass construction.
67.5 CLOCK HRS

✱ ART-154 - SCULPTURE I　　　　3.0 CR
PREREQUISITE: ART-131 or ART-132; Min. grade C-;
Introduces the fundamentals of sculpture such as modeling, casting, carving, and the processes of assemblage.
Prev. Course Codes: (ART-224) (ART-070) (ARC-270SS) 67.5 CLOCK HRS

✱ ART-155 - SCULPTURE II　　　　3.0 CR
PREREQUISITE: ART-154(96); Min. grade C-;
Develops an understanding and focus on manipulation of three dimensional form, with greater concentration on individual creativity and style.
67.5 CLOCK HRS

✱ ART-156 - FIGURE DRAWING I　　　　3.0 CR
Introduces the basic techniques of drawing the human figure.
Prev. Course Codes: (ART-270) (ART-124) (ART-163) 67.5 CLOCK HRS

✱ ART-157 - FIGURE PAINTING I　　　　3.0 CR
Focuses on painting the human figure, and includes a brief survey of figure painting, and instruction in the fundamental methods of composition and expressions.
Prev. Course Codes: (ART-273) (ART-034) (ART-270FP) (ART-270SJ) 67.5 CLOCK HRS

✱ ART-161 - CERAMICS I　　　　3.0 CR
Introduces traditional and contemporary ceramic forms and processes including handbuilding and throwing on the potter's wheel.
Prev. Course Codes: (ART-141) (ART-191) 67.5 CLOCK HRS

✱ ART-162 - CERAMICS II　　　　3.0 CR
PREREQUISITE: ART-161(78); Min. grade C-;
A continuation of ART-161, this course emphasizes skill, technique, and form.
Prev. Course Codes: (ART-142) (ART-192) 67.5 CLOCK HRS

✱ ART-163 - HANDBUILT CLAY I　　　　3.0 CR
Provides instruction in several methods of handbuilding and the study of functional and decorative design elements.
67.5 CLOCK HRS

ART-175 - SPECIAL TOPICS　　　　1.0-6.0 CR
Provides students with a vehicle to pursue special topics of interest. The content of this course is designed on an as needed basis to provide current, up-to-date information.

ART-177 - SPECIAL TOPICS　　　　1.0-6.0 CR
Provides students with a vehicle to pursue special topics of interest. The content of this course is designed on an as needed basis to provide current, up-to-date information.

✱ ART-181 - OIL PAINTING　　　　1.0 CR
This course will cover fundamental techniques of oil painting. Skill building in color matching from life will be emphasized.
Prev. Course Codes: (ART-032A) (ART-270OP) 22.5 CLOCK HRS

✱ ART-186 - PASTEL PAINTING　　　　1.0 CR
This workshop will approach the pastel medium in an inventive manner. Color theory will be taught in practice and application.
22.5 CLOCK HRS

✱ ART-211 - PAINTING I　　　　3.0 CR
Explores basic techniques, materials, and concepts used in opaque painting processes in oil or acrylic painting to depict form and space on a two dimensional surface.
Prev. Course Codes: (ART-126) (ART-171) 67.5 CLOCK HRS

✱ ART-212 - PAINTING II　　　　3.0 CR
PREREQUISITE: ART-211; Min. grade C-;
This course further explores techniques, materials and concepts used in opaque painting processes in oil or acrylic painting, with emphasis on composition and content development.
67.5 CLOCK HRS

✱ ART-213 - PAINTING III　　　　3.0 CR
PREREQUISITE: ART-212(92); Min. grade C-;
Provides continued exploration of techniques, materials, and concepts used in opaque painting processes in oil or acrylic painting, with emphasis on composition and content development.
67.5 CLOCK HRS

✱ ART-221 - DRAWING III　　　　3.0 CR
PREREQUISITE: ART-121 or ART-122; Min. grade C-;
Offers a continued study of expressive drawing techniques and development of individual style, with an emphasis on composition and technique variation.
67.5 CLOCK HRS

✱ ART-225 - PRINTMAKING I　　　　3.0 CR
PREREQUISITE: ART-121 ART-131;
Min. grade C-;
Introduces the basic techniques and skills of printmaking as a fine art media. Instruction includes an understanding of visual concepts as they relate to prints. May include introduction to relief, intaglio, lithography and screen printing techniques.
67.5 CLOCK HRS

✱ ART-235 - FIBER DESIGN II　　　　3.0 CR
Continues instruction in fiber design (ART-135, Fibert Design I).
67.5 CLOCK HRS

✱ ART-256 - ADVANCED FIGURE DRAWING　　3.0 CR
PREREQUISITE: ART-156; Min. grade C-;
Provides continuing study of the various methods of drawing the human figure, with emphasis on the description of form and individual style.
Prev. Course Codes: (ART-271) (ART-125) (ART-164) 67.5 CLOCK HRS

✱ ART-257 - ADVANCED FIGURE PAINTING II　3.0 CR
PREREQUISITE: ART-157; Min. grade C-;
Offers continued study of painting the human figure with advanced problem solving in composition and experimentation with materials and techniques.
67.5 CLOCK HRS

✱ ART-261 - CERAMICS III　　　　3.0 CR
PREREQUISITE: ART-162; Min. grade C-;
Encourages students to develop an individual style of wheel thrown and hand-built ceramic forms with continuing involvement in surface treatment.
Prev. Course Codes: (ART-262) (ART-261) (ART-143) (ART-193) 67.5 CLOCK HRS

✱ ART-262 - CERAMICS IV　　　　3.0 CR
PREREQUISITE: ART-261; Min. grade C-;
Continues advanced work with emphasis on various clay bodies, unique glazes and engobes, and combining different textures and shapes, and development of personal form.
Prev. Course Codes: (ART-261A) (ART-015) (ART-270AW) 67.5 CLOCK HRS

ART

❋ **ART-265 - BUSINESS OF VISUAL ART** **3.0 CR**
PREREQUISITE: College-Level Reading;
Introduces students to the principles and practices involved in creating and operating arts organizations in the profit and not-for-profit art world.
45 CLOCK HRS

❋ **ART-270 - RAKU** **1.0 CR**
Participants in this workshop will study the Japanese art of Raku pottery. Students may hand build or make wheel thrown pots and will be involved in the unique firing process.
22.5 CLOCK HRS

❋ **ART-271 - SOUTHWEST POTTERY** **2.0 CR**
PREREQUISITE: ART-161; Min. grade C-;
This course considers the development of Southwestern Indian ceramic art through the last 2300 years. Pre-Columbian clay products fired by native methods will be the emphasis of this course.
45 CLOCK HRS

ART-275 - SPECIAL TOPICS **1.0-6.0 CR**
Provides student with a vehicle to pursue special topics of interest. The content of this course is designed on an as needed basis to provide current, up-to-date information.
Prev. Course Codes: (ART-043) (ART-270)

ART-276 - SPECIAL TOPICS **1.0-6.0 CR**
Provides students with a vehicle to pursue special topics of interest. The content of this course is designed on an as needed basis to provide current, up-to-date information.

❋ **ART-286 - INDEPENDENT STUDY** **1.0-6.0 CR**
Provides the opportunity for students to undertake special project(s) or research in any of the disciplines involving the visual arts, including, but not limited to, gallery or museum administration, art history, graphic design, or other studio work. Instruction is provided by the instructor, and is based on the student's independent study agreement.

❋ **ART-287 - INTERNSHIP** **1.0-6.0 CR**
Provides the opportunity for students to gain supervised occupational experience in any of the disciplines involving the visual arts, including, but not limited to, gallery or museum administration and graphic design. Instruction is totally based on the student's occupational experience plan.

Auto Service Technology

ASE-101 - AUTO SHOP ORIENTATION **2.0 CR**
Provides students with safety instruction in the shop and on the automobile. Emphasis is placed on the proper use and care of test equipment, precision measuring and machining equipment, gaskets, adhesives, tubing, wiring, jacks, presses, and cleaning equipment and techniques.
45 CLOCK HRS

ASE-102 - INTRODUCTION TO THE AUTOMOTIVE SHOP 2.0 CR
Prepares the incoming automotive student to work in the shop safely and gain familiarity with the shop and common equipment.
45 CLOCK HRS

ASE-110 - BRAKES I **3.0 CR**
Covers basic operation of automotive braking systems. Includes operation, diagnosis, and basic repair of disc brakes, drum brakes, and basic hydraulic systems.
67.5 CLOCK HRS

ASE-120 - BASIC AUTOMOTIVE ELECTRICITY **2.0 CR**
Introduces automotive electricity and includes basic electrical theory, circuit designs, and wiring methods. Focuses on multi-meter usage and wiring diagrams.
45 CLOCK HRS

ASE-123 - AUTOMOTIVE BATTERY, STARTING, AND CHARGING SYSTEMS **2.0 CR**
Covers the operation, testing, and servicing of automotive battery, starting, and charging systems. Includes voltage and amperage testing of starter and generator, load testing and maintenance of a battery, and starter and generator overhaul.
45 CLOCK HRS

ASE-130 - GENERAL ENGINE DIAGNOSIS **2.0 CR**
Focuses on lecture and related laboratory experiences in the diagnosis and necessary corrective actions of automotive engine performance factors.
45 CLOCK HRS

ASE-132 - IGNITION SYSTEM DIAGNOSIS AND REPAIR 2.0 CR
PREREQUISITE: ASE-130(1125); Min. grade C-;
Focuses on lecture and related laboratory experiences in the diagnosis, service, adjustments, and repair of various automotive ignition systems.
45 CLOCK HRS

ASE-134 - AUTOMOTIVE EMISSIONS **2.0 CR**
PREREQUISITE: ASE-132(1131); Min. grade C-;
Focuses on lecture and laboratory experiences in the diagnosis and repair of automotive emission control systems.
45 CLOCK HRS

ASE-140 - SUSPENSION AND STEERING I **3.0 CR**
Focuses on lecture and related experiences in the diagnosis and service of suspensions and steering systems and their components.
67.5 CLOCK HRS

ASE-161 - ENGINE DISASSEMBLY, DIAGNOSIS & ASSEMBLY **5.0 CR**
Focuses on lecture and laboratory experiences in the disassembly, diagnosis, and reassembly of the automotive engine. Topics include the diagnostic and repair procedures for the engine block and head assemblies.
112.5 CLOCK HRS

ASE-175 - SPECIAL TOPICS **1.0-6.0 CR**
Exploration of current topics, issues, and activities related to one or more aspects of the named discipline.

ASE-205 - AUTOMOTIVE HEATING & AIR CONDITIONING **5.0 CR**
Emphasizes lecture and related laboratory experiences in the diagnosis and service of automotive heating and air conditioning systems and their components.
112.5 CLOCK HRS

ASE-210 - BRAKES II **3.0 CR**
PREREQUISITE: ASE-110; Min. grade C-;
Covers the operation and theory of the modern automotive braking systems. Includes operation, diagnosis, service, and repair of the anti lock braking systems, power assist units, and machine operations of today's automobile.
67.5 CLOCK HRS

ASE-220 - SPECIALIZED ELECTRONICS TRAINING **2.0 CR**
Provides a systematic approach to automotive electrical systems. Builds from the basic electrical principles and concepts through semiconductors and micro-

processors. Features on-bench exercises. Students practice diagnostic procedures that have applications to present and future automotive electronics and electrical systems.
45 CLOCK HRS

ASE-221 - AUTOMOTIVE BODY ELECTRICAL **4.0 CR**
Provides a comprehensive study of the theory, operation, diagnosis, and repair of vehicle accessories.
90 CLOCK HRS

ASE-231 - AUTOMOTIVE COMPUTERS **2.0 CR**
Focuses on lecture and laboratory experiences in the inspection and testing of typical computerized engine control systems.
45 CLOCK HRS

ASE-240 - SUSPENSION & STEERING II **3.0 CR**
Emphasizes lecture and related experiences in the diagnosis and service of electronic suspensions and steering systems and their components.
67.5 CLOCK HRS

ASE-265 - AUTOMOTIVE HEATING & AIR CONDITIONING **5.0 CR**
Emphasizes lecture and related laboratory experiences in the diagnosis and service of automotive heating and air conditioning systems and their components.
112.5 CLOCK HRS

American Sign Language

❋ **ASL-101 - BASIC SIGN LANGUAGE I** **3.0 CR**
PREREQUISITE: College-Level Reading;
Provides students with the basic knowledge of communicating with the deaf community. Students will develop basic vocabulary and conversational skills and will be introduced to aspects of the deaf culture and community.
45 CLOCK HRS

❋ **ASL-102 - BASIC SIGN LANGUAGE II** **3.0 CR**
PREREQUISITE: ASL-101; Min. grade C-;
Continues the sequence for students who want to learn basic conversational patterns to communicate with the deaf community. The material covers basic vocabulary and conversational skills, and aspects of the deaf culture and community.
45 CLOCK HRS

❋ **ASL-121 - AMERICAN SIGN LANGUAGE I** **5.0 CR**
PREREQUISITE: College-Level Reading;
Exposes the student to American Sign Language. Readiness activities are conducted focusing on visual/receptive skills and basic communication. Utilizes the direct experience method.
Prev. Course Codes: (ELD-111) (ELD-161)
75 CLOCK HRS

❋ **ASL-122 - AMERICAN SIGN LANGUAGE II** **5.0 CR**
PREREQUISITE: ASL-121; Min. grade C-;
Develops a basic syntactic knowledge of American Sign Language (ASL), basic vocabulary and basic conversational skills. Incorporates vital aspects of deaf culture and community. Direct experience method is used to enhance the learning process.
Prev. Course Codes: (ELD-122) (ELD-162)
75 CLOCK HRS

ASL-275 - SPECIAL TOPICS **2.0 CR**
Provides students with a vehicle to pursue in-depth exploration of special topics of interest.
30 CLOCK HRS

Courses

ASL

Astronomy

🔒 **AST-101 - ASTRONOMY I** 4.0 CR
PREREQUISITE: College-Level Reading;
Focuses on the history of astronomy, the tools of the astronomer, and the contents of the solar system, including the planets, moons, asteroids, comets, and meteoroids. Incorporates laboratory experience.
75 CLOCK HRS

🔒 **AST-102 - ASTRONOMY II** 4.0 CR
PREREQUISITE: AST-101; Min. grade C-;
Emphasizes the structure and life cycle of the stars, the sun, galaxies, and the universe as a whole, including cosmology and relativity. Incorporates laboratory experience.
75 CLOCK HRS

Aviation Technology

AVT-101 - PRIVATE PILOT GROUND SCHOOL 4.0 CR
Prepares student for the Private Pilot Airplane, Single Engine, Land FAA Knowledge Exam.
Prev. Course Codes: (AVN-110) (AVN-011) (AVN-111) 60 CLOCK HRS

Biology

🔒 **BIO-105 - SCIENCE OF BIOLOGY** 4.0 CR
PREREQUISITE: College-Level Reading;
Examines the basis of biology in the modern world and surveys the current knowledge and conceptual framework of the discipline. Explores biology as a science, a process of gaining new knowledge, and the impact of biological science on society. Includes laboratory experience. Designed for non science majors.
75 CLOCK HRS

BIO-109 - HUMAN BIOLOGY: PREPARATION FOR ANATOMY & PHYSIOLOGY 2.0 CR
PREREQUISITE: College-Level Reading;
Prepares students to take Human Anatomy and Physiology who have little or no background in science. It does not substitute for a year-long Anatomy and Physiology course with lab. Topics include atoms, molecules, cells, energetics, and genetics.
30 CLOCK HRS

🔒 **BIO-111 - GENERAL COLLEGE BIOLOGY WITH LAB** 5.0 CR
PREREQUISITE: College-Level Reading;
Examines the fundamental molecular, cellular, and genetic principles characterizing plants and animals. Includes cell structure and function, and the metabolic processes of respiration and photosynthesis, as well as cell reproduction and basic concepts of heredity. The course includes laboratory experience.
90 CLOCK HRS

🔒 **BIO-112 - GENERAL COLLEGE BIOLOGY II WITH LAB** 5.0 CR
PREREQUISITE: BIO-111(129); Min. grade C-;
A continuation of Biology I. Includes ecology, evolution, classification, structure, and function in plants and animals. This course includes laboratory experience.
Prev. Course Codes: (BIO-152) (BIO-152L)
90 CLOCK HRS

✳ **BIO-115 - HUMAN GENETICS** 3.0 CR
PREREQUISITE: College-Level Reading;
Focuses on a study of the inheritance of human traits. It is a non-mathematical study for the non-science major. Includes Mendelian, non-Mendelian, sex-linked, blood type traits, inherited diseases, and ethics.
45 CLOCK HRS

✳ **BIO-120 - INTRODUCTION TO NATURAL HISTORY** 3.0 CR
PREREQUISITE: College-Level Reading;
The natural forces of change and environmental evolution will be studied in relation to current global and local ecology. Geology, weather, soil, ecological principles, life histories, and identification of representative flora and fauna are included.
67.5 CLOCK HRS

✳ **BIO-121 - PLANT SCIENCE & CLASSIFICATION** 4.0 CR
PREREQUISITE: College-Level Reading;
The fundamentals of plant science and taxonomy. Lab will emphasize the use of plant keys.
90 CLOCK HRS

✳ **BIO-125 - TERRESTRIAL ECOLOGY** 3.0 CR
PREREQUISITE: College-Level Reading;
The study of dominant biological components of terrestrial ecosystems with emphasis placed on plants and wildlife. Students will learn to identify plant species, how to design field studies to determine terrestrial ecosystem function and health, and how to design land-use management practices conducive to the survival and propagation of a terrestrial ecosystem.
60 CLOCK HRS

✳ **BIO-144 - NATURAL HISTORY OF THE DESERT** 2.0 CR
PREREQUISITE: College-Level Reading;
Examines the natural history of the deserts of North America. Students will survey local organisms including: mammals, birds, reptiles, shrubs, flowers, and succulent plants.
Prev. Course Codes: (BIO-270NH) 45 CLOCK HRS

✳ **BIO-148 - BASIC ECOLOGY** 4.0 CR
PREREQUISITE: College-Level Reading;
Studies the interrelationships between organisms and their environment. Includes population dynamics and the diversity of ecosystems. Laboratory includes field experience.
60 CLOCK HRS

✳ **BIO-156 - AQUATIC ENTOMOLOGY** 3.0 CR
PREREQUISITE: College-Level Reading;
This course focuses on the classification and identification of a variety of aquatic insects. Students will be introduced to the insect life cycle and environmental habitat of selected major family groups. Other aquatic organisms that are important food sources for trout such as crustacians, macroinvertebrates, and arachnids will be covered.
67.5 CLOCK HRS

BIO-175 - SPECIAL TOPICS 1.0-6.0 CR
PREREQUISITE: College-Level Reading;
Provides students with a vehicle to pursue special topics of interest. The content of this course is designed on an as needed basis to provide current, up-to-date information.

🔒 **BIO-201 - HUMAN ANATOMY AND PHYSIOLOGY I** 4.0 CR
PREREQUISITE: BIO-111(18867); Min. grade C-;
Focuses on an integrated study of the human body, including the histology, anatomy, and physiology of each system. Examines molecular, cellular, and tissue levels of organization plus integuments, skeletal, articulations, muscular, nervous, and endocrine systems. Includes a mandatory hands-on laboratory experience covering experimentation, microscopy, observations, and dissection. This is the first semester of a two-semester sequence.
Prev. Course Codes: (BIO-211) (BIO-255)
75 CLOCK HRS

🔒 **BIO-202 - HUMAN ANATOMY & PHYSIOLOGY II** 4.0 CR
PREREQUISITE: BIO-201; Min. grade C-;
Focuses on the integrated study of the human body and the histology, anatomy, and physiology of the following systems and topics: cardiovascular, hematology, lymphatic and immune, urinary, fluid and electrolyte control, digestive, nutrition, respiratory, reproductive, and development. Includes a mandatory hands-on laboratory experience involving experimentation, microscopy, observations, and dissection. This is the second semester of a two-semester sequence.
Prev. Course Codes: (BIO-212) (BIO-256)
75 CLOCK HRS

🔒 **BIO-204 - MICROBIOLOGY** 4.0 CR
PREREQUISITE: BIO-111(129); Min. grade C-;
Examines microorganisms with an emphasis on their structure, development, physiology, classification, and identification. The laboratory experience includes culturing, identifying, and controlling microorganisms with an emphasis on their role in infectious disease.
Prev. Course Codes: (BIO-205) (BIO-281) (BIO-281L) 75 CLOCK HRS

✳ **BIO-216 - PATHOPHYSIOLOGY** 4.0 CR
PREREQUISITE: BIO-202; Min. grade C-;
Focuses upon the functions of the human body systems with emphasis on their interrelationships in adaptation to stress and disease.
Prev. Course Codes: (BIO-230) (BIO-274)
60 CLOCK HRS

✳ **BIO-221 - BOTANY** 5.0 CR
PREREQUISITE: BIO-112(131); Min. grade C-;
This course is designed for biology majors. It is a study of non-vascular and vascular plants. It emphasizes photosynthetic pthways, form and function, reproduction, physiology, genetics, diversity, evolution, and ecology. This course requires mandatory hands-on laboratory and field experience.
90 CLOCK HRS

✳ **BIO-222 - GENERAL COLLEGE ECOLOGY** 4.0 CR
PREREQUISITE: BIO-111(18867); Min. grade C-;
Studies the interrelationships between organisms and their environment. Covers composition and function of aquatic and terrestrial ecosystems, population biology, pollution, and the effects of man on ecosystems. Includes laboratory and field experiences.
Prev. Course Codes: (BIO-227) 75 CLOCK HRS

✳ **BIO-228 - FIELD BIOLOGY III** 3.0 CR
PREREQUISITE: BIO-111(129); Min. grade C-;
Involves in-depth study of natural environments within and outside of the United States. Focuses on the identification of organisms, as well as an examination of ecological concepts and principles. Requires hands-on laboratory and field experience (includes extensive hiking).
Prev. Course Codes: (BIO-229) 60 CLOCK HRS

✳ **BIO-229 - FIELD BIOLOGY/FIELD ECOLOGY** 3.0 CR
PREREQUISITE: College-Level Reading;
This course studies the interdependence between organisms and their environment. The international version of the course specializes in rain forest ecology problems depending on location. The course may be conducted at locations such as Costa Rica, Ecuador, Panama, Belize, etc.
67.5 CLOCK HRS

AST

✳ Applies to CMC AA/AS degree 🔒 Colorado State Guaranteed Transfer Course NOTE: Not all courses are offered at every campus each term.

✳ **BIO-230 - ANIMAL ANATOMY AND PHYSIOLOGY I**   **3.0 CR**
CO-REQUISITES: BIO-231;
PREREQUISITE: College-Level Reading;
By studying the body's structure as a series of inter-related systems, the student will develop a basic knowledge of anatomy and physiology. Emphasis will be placed on animal anatomy and physiology. Topics include the cell, tissue, skeletal, muscular, cardiovascular systems, and urinary system.
Prev. Course Codes: (BIO-211) (BIO-214) (VET-011A) (AHT-111A) (AHT-111) 45 CLOCK HRS

✳ **BIO-231 - ANIMAL ANATOMY AND PHYSIOLOGY I LAB**   **1.0 CR**
CO-REQUISITES: BIO-230;
PREREQUISITE: College-Level Reading;
Through laboratory dissection the student will reinforce the knowledge of anatomy learned in the lecture course BIO-230. Topics will include the cell, tissues, musculoskeletal system, and cardiovascular system. Emphasis will be placed on animal anatomy and physiology. This is a hands-on laboratory course.
Prev. Course Codes: (BIO-212) (VET-011L) (AHT-111L) (AHT-111) 30 CLOCK HRS

✳ **BIO-232 - ANIMAL ANATOMY& PHYSIOLOGY II**   **3.0 CR**
CO-REQUISITES: BIO-233;
PREREQUISITE: BIO-230(139); Min. grade C-;
This course continues the study of anatomy and physiology presented in BIO-230. Topics include digestive, reproductive, respiratory, endocrine, and nervous systems. Emphasis will be placed on animal anatomy and physiology.
Prev. Course Codes: (BIO-214) (BIO-215) (VET-012A) (AHT-112A) (AHT-112) 45 CLOCK HRS

✳ **BIO-233 - ANIMAL ANATOMY & PHYSIOLOGY II LAB**   **1.0 CR**
CO-REQUISITES: BIO-232;
PREREQUISITE: BIO-231; Min. grade C-;
Through laboratory dissection the student will reinforce the knowledge of anatomy learned in BIO-232. Topics will include the digestive, reproductive, respiratory, endocrine, and nervous systems. Emphasis will be placed on animal anatomy and physiology.
Prev. Course Codes: (BIO-215) (VET-012L) (AHT-112L) (AHT-112) 30 CLOCK HRS

✳ **BIO-252 - RANGE PLANTS**   **2.0 CR**
PREREQUISITE: College-Level Reading;
Emphasizes the identification of grasses using keys and the sampling of range plants using a variety of field techniques.
52.5 CLOCK HRS

✳ **BIO-260 - AQUATIC ECOLOGY**   **3.0 CR**
PREREQUISITE: College-Level Reading;
The study of all biological components of an aquatic ecosystem. Topics of aquatic vertebrate and invertebrate biology and classification, species interaction, and resource management are provided. Field and laboratory techniques are emphasized. Students will learn how to design and implement field investigations to determine aquatic ecosystem health and function.
60 CLOCK HRS

BIO-275 - SPECIAL TOPICS   **1.0-6.0 CR**
PREREQUISITE: BIO-111(129); Min. grade C-;
Provides students with a vehicle to pursue special topics of interest. The content of this course is designed on an as needed basis to provide current, up-to-date information.

Business Technology

BTE-100 - COMPUTER KEYBOARDING   **1.0 CR**
Designed for students who have minimal or no keyboarding skills. Introduces the touch method of keyboarding, as well as the basic operation and functions of the equipment. Emphasizes learning the alphanumeric keyboard, proper technique, and speed control.
Prev. Course Codes: (CIS-103) (CIS-105) (CIS-010) (CSC-010) (CSC-110) (CSC-247KS) 22.5 CLOCK HRS

BTE-102 - KEYBOARDING APPLICATIONS I   **2.0 CR**
This course provides the development of basic skills in the manipulation of an electronic typewriter/ computer using the touch system. Topics include parts of the keyboard; production of letters, memoranda, and envelopes; centering and tabulation; and proofreading.
Prev. Course Codes: (BUS-101) 45 CLOCK HRS

BTE-103 - KEYBOARDING APPLICATIONS II   **3.0 CR**
PREREQUISITE: BTE-102; Min. grade C-;
Reinforces basic keyboarding formats and procedures. Productivity and decision making skills are exercised. Emphasizes speed and accuracy.
Prev. Course Codes: (BUS-102) 67.5 CLOCK HRS

BTE-120 - ELECTRONIC OFFICE PROCEDURES   **3.0 CR**
Provides instruction in the latest electronic office procedures using business technologies which include: e-mail, FAX, Windows, DOS, presentation graphics, telephone techniques, internet, electronic calendaring, and appointment scheduling.
45 CLOCK HRS

BTE-125 - RECORDS MANAGEMENT   **3.0 CR**
PREREQUISITE: BTE-103(662); Min. grade C-;
Instructs on how records are created, stored, and retrieved. Covers the basic filing rules classifying, indexing, coding, storing, and retrieving as applied to basic methods alphabetic, chronological, subject, numeric, and geographic. Emphasizes "hands on" records management through the use of simulations, which includes manual and/or computer software.
Prev. Course Codes: (OFA-125) (OFA-210) (OFA-015) (SES-015) (SES-115) 45 CLOCK HRS

BTE-128 - LEGAL TERMINOLOGY   **1.0 CR**
Allows students to develop a basic legal terminology background. Students learn the state, federal, and local court structures.
Prev. Course Codes: (OFA-160) 15 CLOCK HRS

BTE-166 - BUSINESS EDITING SKILLS   **3.0 CR**
Provides proofreading techniques and reviews spelling, punctuation, grammar, and word processing formats on various types of business documents and worksheets.
45 CLOCK HRS

BTE-187 - COOPERATIVE EDUCATION/INTERNSHIP   **1.0-6.0 CR**
Provides work experience for students to gain practical work experience related to their educational program.
Prev. Course Codes: (OFA-130A)

BTE-225 - ADMINISTRATIVE OFFICE MANAGEMENT   **3.0 CR**
Presents new developments, technology, procedures, organization, and contemporary terminology used in effective office management. Emphasizes decision making and application of administrative skills.
Prev. Course Codes: (OFA-225) (OFA-165) 45 CLOCK HRS

BTE-226 - MACHINE TRANSCRIPTION   **3.0 CR**
PREREQUISITE: BTE-103(662); Min. grade C-;
Designed to help students become more proficient in transcribing memos, letters and other documents from machine transcription. Includes exercises to improve language arts skills. Introduces proper dictation techniques.
Prev. Course Codes: (OFA-215) (OFA-162) (OFA-063) 60 CLOCK HRS

BTE-229 - LEGAL TRANSCRIPTION   **3.0 CR**
Prepares students to work as legal transcriptionists. Students transcribe a variety of legal documents and develop a legal vocabulary.
45 CLOCK HRS

BTE-238 - LEGAL OFFICE PROCEDURES   **3.0 CR**
Designed for students who will be working in a legal office either in the private or the public sector. Covers fundamental office procedures found in both general and specialized law offices.
45 CLOCK HRS

BTE-287 - COOPERATIVE EDUCATION/INTERNSHIP   **1.0-6.0 CR**
Provides work experience for students to gain practical work experience related to their educational program.
Prev. Course Codes: (OFA-230C) 135 CLOCK HRS

Business

✳ **BUS-115 - INTRODUCTION TO BUSINESS**   **3.0 CR**
PREREQUISITE: College-Level Reading;
Focuses on the operation of the American business system. Covers fundamentals of the economy, careers and opportunities, marketing, management, production, government regulations, tools of business, and social responsibilities.
Prev. Course Codes: (BUS-101) (BUS-151) 45 CLOCK HRS

BUS-120 - INTRODUCTION TO E-COMMERCE   **3.0 CR**
PREREQUISITE: College-Level Reading;
Provides an introduction to electronic commerce - the business trend of the future. Covers definitions of e-commerce, technology and software requirements, security issues, electronic payment, and marketing strategies. Focuses on what to expect when creating a dot com as well as the business-to-business use of e-commerce.
45 CLOCK HRS

✳ **BUS-203 - INTRODUCTION TO INTERNATIONAL BUSINESS**   **3.0 CR**
PREREQUISITE: College-Level Reading;
Provides the student with an understanding of the interdisciplinary nature of international business. Course will cover the development of international business; theories and methods of international trade; financing mechanisms and terms used in export documentation and export finance; the effects of economics, political and cultural environment on international business and trade; impact of geography in business transactions; legal aspects of international business; and developing an effective international marketing strategy.
45 CLOCK HRS

✳ **BUS-216 - LEGAL ENVIRONMENT OF BUSINESS**   **3.0 CR**
PREREQUISITE: College-Level Reading;
Emphasizes public law, regulation of business, ethical considerations, and various relationships existing within society, government, and business. Specific attention is devoted to economic regulation, social regulation, regulation and laws impacting labor management issues, and environmental concerns. Students develop an understanding of the role of law in social, political, and economic change.
45 CLOCK HRS

Courses

BUS

❋ BUS-217 – BUSINESS COMMUNICATION & REPORT WRITING   **3.0 CR**
PREREQUISITE: ENG-121; Min. grade C-;
Emphasizes effective business writing and covers letters, memoranda, reports, application letters, and resumes. Includes the fundamentals of business communication and an introduction to international communication.
Prev. Course Codes: (ENG-123) 45 CLOCK HRS

❋ BUS-226 – BUSINESS STATISTICS   **3.0 CR**
PREREQUISITE: MAT-106; Min. grade C-;
Focuses on statistical study, descriptive statistics, probability, binominal distribution, index numbers, time series, decision theory, confidence intervals, linear regression, and correlation. Intended for the business major.
45 CLOCK HRS

BUS-275 – SPECIAL TOPICS   **1.0-6.0 CR**
Provides students with a vehicle to pursue special topics of interest in business. The content of this course is designed on an as-need basis to provide current, up-to-date information.

Computer Assisted Drafting

CAD-101 – COMPUTER AIDED DRAFTING I   **3.0 CR**
Focuses on basic computer aided drafting skills using the latest release of CAD software. Includes file management, Cartesian coordinate system, drawing set ups, drawing aids, layer usage, drawing geometric shapes, editing objects, array, text applications, basic dimensioning, and Help access.
Prev. Course Codes: (GRD-245) (COA-050) (COA-242) 67.5 CLOCK HRS

CAD-175 – SPECIAL TOPICS   **1.0-6.0 CR**
Provides students with a vehicle to pursue in depth exploration of special topics of interest.
15 CLOCK HRS

Capstone

❋ CAP-289 – CAPSTONE   **3.0 CR**
This interdisciplinary course is a review of the major ideas and issues across the broad areas of communications, humanities, mathematics, sciences, and social/behavioral sciences. Through development of an integrated project/portfolio, the student will demonstrate proficiency in CMC's ten transfer degree competencies.
45 CLOCK HRS

Chemistry

🔒 CHE-101 – INTRODUCTION TO CHEMISTRY I   **5.0 CR**
PREREQUISITE: MAT-090; Min. grade C-;
or placement test;
Includes the study of measurements, atomic theory, chemical bonding, nomenclature, stoichiometry, solutions, acid and base, gas laws, and condensed states. Laboratory experiments demonstrate the above concepts qualitatively and quantitatively. Designed for non-science majors, students in occupational and health programs, or students with no chemistry background. Note: Requires college level math.
90 CLOCK HRS

🔒 CHE-102 – INTRODUCTION TO CHEMISTRY II   **5.0 CR**
PREREQUISITE: CHE-101; Min. grade C-;
Focuses on introductory organic and biochemistry (sequel to Introduction to Chemistry I). Includes the study of hybridization of atomic orbitals for carbon, nomenclature of both organic and biochemical compounds, physical and chemical properties of various functional groups of organic chemistry, and physical and chemical properties of biochemical compounds along with their biochemical pathways. Incorporates laboratory experiments.
90 CLOCK HRS

🔒 CHE-105 – CHEMISTRY IN CONTEXT   **5.0 CR**
PREREQUISITE: College-Level Reading;
Covers the study of measurements, matter, molecules, atoms, chemical bonding, nomenclature, energy, acids, bases, and nutrition. Coursework examines chemistry in the modern world and surveys the current knowledge as well as the conceptual framework of the discipline. Chemistry as a science is explored, as is the impact of chemistry on society. This course includes laboratory experience and is designed for non-science majors.
90 CLOCK HRS

🔒 CHE-111 – GENERAL COLLEGE CHEMISTRY I   **5.0 CR**
CO-REQUISITES: MAT-121;
PREREQUISITE: CHE-101; Min. grade C- or one year of high school chemistry, and MAT-121; or instructor permision; Requires college-level reading;
Focuses on basic chemistry and measurement, matter, chemical formulas, reactions and equations, stoichiometry, and thermochemistry. Covers the development of atomic theory culminating in the use of quantum numbers to determine electron configurations of atoms, and the relationship of electron configuration to chemical bond theory and molecular orbital theory. Includes gases, liquids, and solids. Problem solving skills are emphasized. Incorporates laboratory experiments. Note: Requires college-level math and college-level reading.
Prev. Course Codes: (CHE-151) (CHE-151L)
90 CLOCK HRS

🔒 CHE-112 – GENERAL COLLEGE CHEMISTRY II   **5.0 CR**
PREREQUISITE: CHE-111(191); Min. grade C-;
Presents concepts in the areas of solution properties, chemical kinetics, chemical equilibrium, acid-base and ionic equilibrium, thermodynamics, electrochemistry, nuclear chemistry, and organic chemistry. Emphasizes problem-solving skills and descriptive contents for these topics. Laboratory experiments demonstrate qualitative and quantitative analytical techniques.
Prev. Course Codes: (CHE-152) (CHE-152L)
90 CLOCK HRS

❋ CHE-211 – ORGANIC CHEMISTRY I   **5.0 CR**
PREREQUISITE: CHE-112(192); Min. grade C-;
Focuses on compounds associated with the element carbon. Includes structure and reactions of aliphatic hydrocarbons and selected functional group families. Covers nomenclature of organic compounds, stereochemistry, & reaction mechanisms such as SN1, SN2, E1, and E2. Laboratory experiments demonstrate the above concepts plus the laboratory techniques associated with organic chemistry.
Prev. Course Codes: (CHE-251) 105 CLOCK HRS

❋ CHE-212 – ORGANIC CHEMISTRY II   **5.0 CR**
PREREQUISITE: CHE-211(193); Min. grade C-;
Continues the investigation into the chemistry of carbon-based compounds, their reactions and synthesis. Includes the structure, physical properties, reactivity, and synthesis of organic functional groups not covered in the first semester. Explores functional groups including alcohols, ethers, aromatics, aldehydes, ketones, amines, amides, esters, and carboxylic acids. Includes reactions and reaction mechanisms of aromatic compounds. An introduction to biochemical topics may be included if time permits. Laboratory experiences demonstrate the above concepts and the laboratory techniques associated with organic chemistry.
105 CLOCK HRS

❋ CHE-215 – SOIL AND WATER CHEMISTRY   **3.0 CR**
PREREQUISITE: CHE-111(191); Min. grade C-;
Studies the interaction of pollutants, both inorganic and organic, with natural systems and metal tanks. Sampling techniques, lab analysis, and leachate testing of contaminants will be covered, as well as basic principles and nomenclature of organic chemistry.
Prev. Course Codes: (EPT-025) (EPT-217)
60 CLOCK HRS

Computer Information Systems

CIS-110 – INTRODUCTION TO THE PC   **1.0 CR**
Provides the beginning computer user with hands-on experience in the elementary use of the personal computer. This course introduces the basic features of and the terminology associated with personal computers, including topics such as database, spreadsheet, and word processing.
Prev. Course Codes: (CIS-100) (CIS-012) (CSC-012) (CSC-011A-C) (CSC-111A-C) (CSC-121)
15 CLOCK HRS

❋ CIS-115 – INTRODUCTION TO COMPUTER INFORMATION SYSTEMS   **3.0 CR**
PREREQUISITE: College-Level Reading;
Focuses on an overview of the needs for, and roles of, computer information systems. Emphasizes computer requirements in organizations, history, hardware functions, programming, systems development, and computer operations. Introduces computer applications.
45 CLOCK HRS

❋ CIS-118 – INTRODUCTION TO PC APPLICATIONS   **3.0 CR**
PREREQUISITE: College-Level Reading;
Introduces computer concepts and components, as well as application suite software and the Internet. Includes descriptions of, and hands-on experiences with, word processing, spreadsheets, databases, operating environments, and other common PC application packages.
Prev. Course Codes: (CSC-112) (CSC-151)
45 CLOCK HRS

❋ CIS-120 – INTRO TO WORD PROCESSING   **2.0 CR**
PREREQUISITE: CIS-110(1182) CIS-118(200) CIS-100(305) or CIS-115; Min. grade C-;
This course introduces the basic features of a word processing software package. Topics include creating, editing, formatting, and printing documents, the use of the spelling dictionary and thesaurus, table formatting, mail merge, macros, and the use of graphics in word processed documents.
Prev. Course Codes: (CSC-021) (CSC-021A) (CSC-021B) (CSC-021C) (CSC-021D) (CSC-121A) (CSC-121B) (CC-121C) (CSC-121D) (CSC-140CA) 36 CLOCK HRS

BUS

CIS-122 - ADVANCED WORD PROCESSING   **1.0 CR**
PREREQUISITE: CIS-118(200) or CIS-120; Min. grade C-;
Continues to build on word processing skills.
18 CLOCK HRS

✽ CIS-124 - INTRO TO OPERATING SYSTEMS   **3.0 CR**
PREREQUISITE: CIS-100(305) CIS-110(1182) or CIS-118(200); Min. grade C-;
Introduces concepts, terminology and hands on skills in the use of DOS and Windows. Emphasizes navigation, file manipulation, file creation and troubleshooting.
Prev. Course Codes: (CIS-110) (CSC-035)
45 CLOCK HRS

CIS-128 - WINDOWS COMPLETE   **3.0 CR**
Introduces the functions and capabilities of Microsoft Windows. Includes configuring and modifying the operating system environment.
Prev. Course Codes: (CIS-112) (CIS-136) (CIS-235)
45 CLOCK HRS

CIS-130 - INTRODUCTION TO INTERNET   **1.0 CR**
Enhances the student's knowledge of the Internet and its resources. Individuals learn terminology in dealing with the Internet. Includes privacy and copyright issues with information retrieved from the Internet. Students experience the use of e-commerce, multimedia and e-mail. Explores searching the Internet and credibility of information obtained with searches.
Prev. Course Codes: (CWB-100) 15 CLOCK HRS

CIS-135 - COMPLETE PC WORD PROCESSING (SOFTWARE PACKAGE)   **3.0 CR**
Explores a complete array of word processing skills. The skills needed to create, edit, format and print documents are covered. Other topics include character, paragraph, and page formats, the use of spelling checkers and thesaurus, hypenation, tables, mail merge, document design, and graphics.
45 CLOCK HRS

CIS-140 - MICROSOFT OUTLOOK   **1.0 CR**
Introduces the functions used in Microsoft Outlook, including e-mail messages, calendar, contacts, tasks, journals, and notes.
Prev. Course Codes: (CIS-185) 15 CLOCK HRS

CIS-145 - COMPLETE PC DATABASE   **3.0 CR**
PREREQUISITE: CIS-110(4049) CIS-118(200) or CIS-115; Min. grade C-;
Explores a complete array of database skills. Includes table, query, form, and report creation and modification. Other topics include application integration and automation of database tasks within the database.
Prev. Course Codes: (CIS-140) (CSC-023) (CSC-023A) (CSC-023D) (CSC-023A) (CSC-123A)
45 CLOCK HRS

CIS-155 - PC SPREADSHEET CONCEPTS: (SOFTWARE PACKAGE)   **3.0 CR**
PREREQUISITE: CIS-110(1182) CIS-110(1182) CIS-118(200) orCIS-115; Min. grade C-;
Exposes the student to a wide range of uses of the electronic spreadsheet with special emphasis on using it as a business tool. Includes fundamentals and terms, creating and saving workbooks, entering and using formulas, formatting, printing, multiple page workbooks, creating charts, entering and and using functions, managing lists, and simple macros.
Prev. Course Codes: (CIS-150) (CSC-022) (CSC-022A) (CSC-022B) (CSC-022C) (CSC-022D) (CSC-122A) (CS-122B) (CSC-140AA)
45 CLOCK HRS

CIS-158 - WEB DESIGN & AUTHORING   **3.0 CR**
This course teaches students how to design and administer an Internet website. Topics include developing site structure, links and images, tables, frames, themes, forms, site indexing with Internet search engines, and site maintenance.

CIS-160 - COMPUTERS, TECHNOLOGY & SOCIETY   **3.0 CR**
This course introduces students to standard PC software (Windows, spreadsheet, word processing, data base, presentation, internet browsers, Email) and examines the effects of computers and technology on science.
Prev. Course Codes: (CIS-160H) 45 CLOCK HRS

CIS-163 - INTRODUCTION TO VIRTUAL REALITY   **3.0 CR**
PREREQUISITE: CIS-100(305) CIS-110(1182) or CIS-118(200); Min. grade C-;
This course introduces virtual reality. Topics include hardware, software, the evaluation of hardware and software via software demos, CD ROM based media, and the INTERNET. Students will use available software to create virtual worlds and animation sequences. VR goggles or gloves will not be used, but construction of these devices from off the shelf parts will be covered.
45 CLOCK HRS

CIS-165 - COMPLETE PRESENTATION GRAPHICS: (SOFTWARE PACKAGE)   **3.0 CR**
PREREQUISITE: CIS-100(305) CIS-110(1182) or CIS-118(200); Min. grade C-;
Focuses on the development of presentation graphic materials including graphs, charts, illustrations, and diagrams. Emphasizes effective communication through computerized presentations. Covers features of PowerPoint and effective presentation techniques.
45 CLOCK HRS

CIS-167 - DESKTOP PUBLISHING   **3.0 CR**
PREREQUISITE: CIS-100(305) CIS-110(1182) or CIS-118(200); Min. grade C-;
Introduces the concepts and applications for desktop publishing using word processing software. Emphasizes page layout and design with techniques for incorporating text and graphics and final production of printed documents.
Prev. Course Codes: (CIS-137) (CIS-135) (CIS-041) (CSC-041) (CSC-044) (CSC-245)
45 CLOCK HRS

CIS-175 - SPECIAL TOPICS   **.5-6.0 CR**
Provides students with a vehicle to pursue special topics of interest. The content of this course is designed on an "as needed" basis to provide current, up-to-date information.
Prev. Course Codes: (CIS-290A)

CIS-218 - ADVANCED PC APPLICATIONS   **3.0 CR**
PREREQUISITE: CIS-118(200); Min. grade C-;
Covers the advanced capabilities of a PC software applications suite. Emphasizes solving business problems by integrating data from all of the software applications that facilitate the production of useful information. Printed documents, reports, slides, and forms are produced to communicate information.
45 CLOCK HRS

CIS-220 - FUNDAMENTALS OF UNIX   **3.0 CR**
PREREQUISITE: CIS-115 or CIS-118(200); Min. grade C-;
Covers the structure and fundamentals of the UNIX operating system. Includes the files system and file processing, various utility programs, and shell, multi-user operation, text processing and communications.
Prev. Course Codes: (CIC-212) 45 CLOCK HRS

CIS-240 - DATABASE DESIGN AND DEVELOPMENT   **3.0 CR**
Introduces the basic concepts of relational databases, data storage, and retrieval. Covers database design, data modeling, transaction processing, and introduces the Structured Query Language for databases.
45 CLOCK HRS

CIS-263 - PC HELP DESK SKILLS   **3.0 CR**
PREREQUISITE: CIS-118(200) or CIS-115; Min. grade C-;
Enables the student to understand and develop appropriate help-desk techniques. Includes roles of help-desk personnel, and how to troubleshoot hardware and software problems.
Prev. Course Codes: (CIS-285) (CIS-018) (CSC-018) 45 CLOCK HRS

CIS-275 - SPECIAL TOPICS   **1.0-6.0 CR**
Provides students with a vehicle to pursue special topics of interest. The content of this course is designed on an "as needed" basis to provide current, up-to-date information.
Prev. Course Codes: (CIS-270GS) (CIS-290C)

CIS-280 - INTRO TO ENGINEERING COMPUTING   **3.0 CR**
PREREQUISITE: MAT-201; Min. grade C-;
This course introduces methods used to solve typical engineering problems. Students will learn to use electronic spreadsheets and programming language and apply these skills to engineering projects.
45 CLOCK HRS

CIS-281 - MICROCOMPUTER HARDWARE   **3.0 CR**
PREREQUISITE: CIS-115 or CIS-118(200); Min. grade C-;
This course introduces components of the microcomputer system. Topics include types of microprocessors, bus system architecture, storage devices, monitors, graphics adaptors, and printers. Component compatibility, compatibility failures, and upgrading issues will also be covered.
Prev. Course Codes: (CIS-181) (CIS-015) (CSC-015) 45 CLOCK HRS

CIS-282 - MAINTENANCE AND TROUBLESHOOTING   **3.0 CR**
PREREQUISITE: CIS-281; Min. grade C-;
Students familiar with microcomputers will learn to perform preventative computer maintenance, install and replace basic microcomputer components, use diagnostic software tools, learn strategies for isolating hardware problems, and evaluate and implement personal computer upgrade strategies.
Prev. Course Codes: (CIS-180) (CIS-014) (CSC-014) 45 CLOCK HRS

CIS-286 - INSTALLING, CUSTOMIZING, & TROUBLESHOOTING SOFTWARE   **3.0 CR**
This course introduces the concepts of installing, troubleshooting problems, and customizing various software packages. Students will learn to support software applications for single and/or multiple users in a business environment. Both stand-alone and network installations will be addressed.
45 CLOCK HRS

CIS-287 - COOPERATIVE EDUCATION   **1.0-6.0 CR**
Provides work experience for students to gain practical work experience related to their educational program.
Prev. Course Codes: (CIS-230B) (CIS-130C)

Courses

CIS

Computer & Networking Technology

CNG-101 – INTRODUCTION TO NETWORKING   **3.0 CR**
PREREQUISITE: CIS-115; Min. grade C-;
Focuses on underlying concepts of data communications, telecommunications, and networking. Emphasizes the terminology and technologies in current networking environments and provides a general overview of the field of networking as a basis for continued study in the field.
Prev. Course Codes: (CNT-200) 45 CLOCK HRS

CNG-102 – LOCAL AREA NETWORKS   **3.0 CR**
Introduces Local Area Networking. Focuses on discussions and demonstrations of planning, installing, and supporting networks.
45 CLOCK HRS

CNG-103 – WIDE AREA NETWORKS   **3.0 CR**
PREREQUISITE: CNG-102; Min. grade C-;
Provides the student with conceptual and working knowledge of how Local Area Networks communicate over a wide area. Introduces telephony, how the technology of switched voice communication channels of the public switched telephone networks are used for data communication and how voice data communications have become integrated.
Prev. Course Codes: (CNT-202) 45 CLOCK HRS

CNG-104 – INTRO TO TCP/IP   **3.0 CR**
CO-REQUISITES: CNG-102;
Outlines four important networking architectures in corporate environments today; TCP/IP, SNA, Apple-Talk, and DNA. Focuses on the major components and functions of each of these architectures as well as methods used to connect different architectures. Provides students with concepts that are important to the field of systems integration, as well as a conceptual basis for understanding network architectures.
45 CLOCK HRS

CNG-121 – COMPUTER TECHNICIAN I:A+   **4.0 CR**
PREREQUISITE: College-Level Reading;
Introduces personal computer hardware to gain the skills and knowledge for a successful entry- level computer service technician. Provides extensive hands-on work with computer systems. Includes PC setup and configuration, floppy and hard drive installation, and basic maintenance and troubleshooting. Successful completion prepares the student for the core hardware service technician portion of the Comp TIA A +certification exam.
60 CLOCK HRS

CNG-122 – COMPUTER TECHNICIAN II: ✳+   **3.0 CR**
PREREQUISITE: 1 group; # College-Level Reading; # CNG-121; Min. grade C-;
Focuses on operating systems as well as installation of modems, tape backups, CD-ROM drives, and SCSI subsystems. Covers operating systems, Windows 9x, Windows NT, and Windows 2000 installation, configuration, and upgrading. Includes laser printers and backup power systems. This course prepares the student for the TIA A +OS Technologies exam.
45 CLOCK HRS

CNG-124 – NETWORKING I: NETWORK+   **3.0 CR**
Provides students with the knowledge necessary to understand, identify, and perform necessary tasks involved in supporting a network. Covers the vendor-independent networking skills and concepts that affect all aspects of networking, such as installing and configuring the TCP/IP. This course also prepares students for the Network II: Network+.
45 CLOCK HRS

CNG-125 – NETWORKING II: NETWORK+   **3.0 CR**
PREREQUISITE: CNG-124; Min. grade C-;
Continues to provide students with the knowledge necessary to implement and support a network. Focuses on the vendor-independent networking skills and concepts that affect all aspects of networking. The Networking I and II: Network+ courses prepare students for the Network+ certification.
45 CLOCK HRS

CNG-126 – WEB SERVER MANAGEMENT   **3.0 CR**
PREREQUISITE: CNG-104; Min. grade C-;
Covers the installation, configuration, and management of internet web servers. Includes the installation of Apache Web Server and Microsoft IIS Web Server software. Also emphasizes default web site configuration, virtual hosts, file and directory security, management of log files and HTTP protocol.
45 CLOCK HRS

**CNG-127 – IT ESSENTIALS I:
PC HARDWARE & SOFTWARE**   **5.0 CR**
Introduces students to information technology and data communications. Enables the student to develop the necessary skills to enter this field by building a computer, installing the operating system, adding peripherals, connecting the computer to a local area network and the Internet. This hands-on, lab-based course stresses safety and working effectively in a group environment. This course prepares students for CompTIA's A+ certification.
Prev. Course Codes: (CIS-261) 75 CLOCK HRS

CNG-128 – IT ESSENTIALS II: NETWORK OPERATING SYSTEMS   **5.0 CR**
PREREQUISITE: CNG-127; Min. grade C-;
Introduces multi-user, multi-tasking network operating systems. Focuses on characteristics of the Linux, Unix, Windows 2000, NT, and XP network operating systems. Explores a variety of topics including installation procedures, security issues, backup procedures and remote access. The course prepares the student for both the CompTIA Server + certification and the Linux + certification.
Prev. Course Codes: (CIS-262) 75 CLOCK HRS

CNG-131 – NETWORK SECURITY FUNDAMENTALS   **3.0 CR**
PREREQUISITE: CNG-101; Min. grade C-;
Delivers a comprehensive overview of network security including general security concepts. Communication Security is studied, including remote access, e-mail, the Web, directory and file transfer, and wireless data. Common network attacks are introduced. Cryptography basics are incorporated, and operational/organizational security is discussed as it relates to physical security, disaster recovery, and business continuity. Computer forensics is introduced.
45 CLOCK HRS

CNG-132 – PRINCIPLES OF INFORMATION SECURITY   **3.0 CR**
PREREQUISITE: CNG-101; Min. grade C-;
Examines the field of information security to prepare information systems students for their future roles as business decision-makers. This course presents a balance of the managerial and the technical aspects of information security. The concepts covered in this course should be helpful for students working toward the Certified Information Systems Security Professional (CISSP) certification.
45 CLOCK HRS

CNG-133 – NETWORK SECURITY: FIRE WALLS AND INTRUSION DETECTION AND NETWORK SECURITY   **3.0 CR**
PREREQUISITE: CNG-101; Min. grade C-;
Teaches students the basics of network firewall security. It covers basic installation techniques, discusses how to make an intelligent choice of firewall technology, and presents basic firewall troubleshooting.
45 CLOCK HRS

CNG-160 – TELECOMMUNICATIONS I   **3.0 CR**
PREREQUISITE: CIS-115 or CIS-118(200); Min. grade C-;
Introduces the background needed to understand telephony products and services in the telecommunications industry. Includes hardware and devices, transmission characteristics and codes, network configurations, software and protocols.
Prev. Course Codes: (CIS-175) (CIS-275) (CSC-016) (CSC-036) (CSC-140FA) 45 CLOCK HRS

CNG-180 – INTERNSHIP I   **1.0-6.0 CR**
Provides the student with an introduction to personal computer repair in the work place.

CNG-181 – INTERNSHIP II   **1.0-6.0 CR**
Provides the student with an introduction to personal computer repair in the work place.

CNG-210 – WINDOWS 2000 NETWORK AND OPERATING ESSENTIALS   **3.0 CR**
Provides individuals new to Microsoft Windows 2000 with the knowledge necessary to understand and identify the tasks involved in supporting Windows 2000 networks. Introduces an overview of networking concepts and how they are implemented in Windows 2000. Provides students with the prerequisite knowledge and skills required for course CNG 212, Implementing Windows 2000 Professional and Server.
45 CLOCK HRS

CNG-211 – WINDOWS XP CONFIGURATION   **3.0 CR**
Provides students with the knowledge and skills necessary to address the implementation and desktop support needs of customers who are planning to deploy and support Microsoft Windows XP Professional in a variety of network operating system environments.
45 CLOCK HRS

CNG-212 – MANAGING AN MS WINDOWS SERVER ENVIRONMENT   **4.0 CR**
PREREQUISITE: College-Level Reading;
Provides students with the knowledge and skills that are required to manage accounts and resources, maintain server resources, monitor performance, and safeguard data in a Microsoft Windows Server environment.
60 CLOCK HRS

CNG-213 – IMPLEMENTING AN MS WINDOWS NETWORK INFRASTRUCTURE   **4.0 CR**
PREREQUISITE: CNG-212(600); Min. grade C-;
Designed for support professionals who are new to Microsoft Windows and are responsible for installing, configuring, managing, and supporting a network infrastructure that uses the Microsoft Windows Server products. Provides students with the prerequisite knowledge and skills required for course CNG 214, Implementing and Administering Windows Directory Services.
Prev. Course Codes: (CNT-213) 60 CLOCK HRS

CNG-214 – IMPLEMENTING AND ADMINISTERING WINDOWS DIRECTORY SERVICES   **4.0 CR**
PREREQUISITE: CNG-213; Min. grade C-;
Provides students with the knowledge and skills necessary to install, configure, and administer Microsoft

CNG

Windows Active Directory (TM) directory services. Focuses on implementing Group Policy and performing the Group Policy related tasks that are required to centrally manage users and computers. Provides students with the prerequisite knowledge and skills required for course CNG221, Designing a Windows 2000 Directory Service Infrastructure.
Prev. Course Codes: (CNT-214) 60 CLOCK HRS

CNG-221 - DESIGNING A WINDOWS DIRECTORY SERVICE INFRASTRUCTURE   3.0 CR
PREREQUISITE: CNG-214; Min. grade C-;
Provides students with the knowledge and skills necessary to design a Windows directory services infrastructure in an enterprise network. Presents strategies to assist the student in identifying the information technology needs of an organization and to design a Windows Active Directory (TM) structure that meets those needs.
Prev. Course Codes: (CNT-216) 45 CLOCK HRS

CNG-222 - DESIGNING A WINDOWS SECURE NETWORK 3.0 CR
PREREQUISITE: CNG-214; Min. grade C-;
Provides students with the knowledge and skills necessary to design a security framework for small, medium, and enterprise networks by using Microsoft Windows technologies. Students learn to secure access to Local Network Users, Remote Users and Remote Offices, Partners, and to secure access between private and public networks.
Prev. Course Codes: (CNT-215) 45 CLOCK HRS

CNG-223 - DESIGNING A WINDOWS NETWORK INFRASTRUCTURE   3.0 CR
PREREQUISITE: CNG-214; Min. grade C-;
Provides students with information and skills needed to create a networking services infrastructure design that supports the required network applications. Each module provides a solution based on the needs of the organization. Covers Windows network solutions that require a single technology, such as DHCP, to provide Internet Protocol (IP) address configuration support. Examines several technology options such as Open Shortest Path First (OSPF), Routing Information Protocol (RIP), and Internet Group Management Protocol (IGMP) to design an IP routing scheme.
Prev. Course Codes: (CNT-217) 45 CLOCK HRS

CNG-224 - MICROSOFT WINDOWS WIRELESS NETWORK   3.0 CR
Provides the student with the Microsoft official curriculum from the Microsoft Regional Academy. Offers detailed instruction on the foundation concepts and technologies of wireless data networking. Upon completion of this course, students are prepared to take the Certified Wireless Network Administrator (CWNP) certification exam.
45 CLOCK HRS

✱ CNG-233 - NETWORKING SYSTEM ADMINISTRATION 3.0 CR
PREREQUISITE: CIS-124; Min. grade C-;
Introduces the concepts and techniques of administering a local area network, including user and group creation, directory structures, login scripts, menus, and printer control.
45 CLOCK HRS

✱ CNG-234 - NETWORKING SYSTEM ADMINISTRATION II 3.0 CR
PREREQUISITE: CNG-233; Min. grade C-;
Introduces students to ANSI SQL which is the basis for most other Structured Query Languages. Students learn to query and update data, create tables and views, use indexes, secure data, develop stored procedures and triggers, learn object relational concepts, and develop applications with embedded SQL and ODBC.
45 CLOCK HRS

CNG-260 - CISCO NETWORK ASSOCIATE I   5.0 CR
Introduces network fundamentals, the OSI model and industry standards, IP addressing (subnet masks) and basic network design.
Prev. Course Codes: (CIS-206) 75 CLOCK HRS

CNG-261 - CISCO NETWORK ASSOCIATE II   5.0 CR
PREREQUISITE: CNG-260; Min. grade C-;
Focuses on router theory and technologies, including router configurations, protocols, network management and introductory LAN switching.
Prev. Course Codes: (CIS-207) 75 CLOCK HRS

CNG-262 - CISCO NETWORK ASSOCIATE III   5.0 CR
PREREQUISITE: CNG-261; Min. grade C-;
Focuses on advanced routing and switching configurations, LAN switching, network management, and advanced network design.
Prev. Course Codes: (CIS-208) 75 CLOCK HRS

CNG-263 - CISCO NETWORK ASSOCIATE IV   5.0 CR
PREREQUISITE: CNG-262; Min. grade C-;
Focuses on project-based learning, including advanced network design projects and advanced management projects. This course and CNG 260, 261 and 262 prepare students for the Cisco Certified Network Associate (CCNA) certification exam.
Prev. Course Codes: (CIS-209) 75 CLOCK HRS

CNG-264 - HOME TECHNOLOGY INTEGRATION   5.0 CR
PREREQUISITE: CNG-101; Min. grade C-;
Introduces the elements of home automation technology in preparation for the HTI+ industry certification examiniation. There are six broad areas of the home technology environment that HTI systems generally control: Internet and home network connectivity, video and audio, telecommunications, home security, utility management, and appliance automation and control. HTI is evolving toward central control of all these systems.
75 CLOCK HRS

CNG-265 - CISCO NETWORK PROFESSIONAL I   5.0 CR
Focuses on using Cisco routers connected in LANs and WANs typically found at medium to large network sites. Emphasizes selection and implementation of the appropriate Cisco IOSTM services required to build a scalable, routed network. Includes theories and tasks that network managers and administrators need to use and perform when managing access and controlling overhead traffic in growing, routed networks once connectivity has been established. This course is the first in a series of four semesters pertaining to CCNP Certification. Note: CCNA certification or completion of CCNA courses is required.
75 CLOCK HRS

CNG-266 - CISCO NETWORK PROFESSIONAL II   5.0 CR
PREREQUISITE: CNG-265; Min. grade C-;
Focuses on using and configuring Cisco routers remotely connected in WANs found in medium to large network sites. Emphasizes how to select WAN topologies, devices, protocols, and implement the appropriate Cisco IOS services required for remotely accessing network resources. Includes selecting WAN components, configuring asynchronous modems, PPP, Frame Relay and ISDN protocols, NAT, X.25: TACACS+Server, Dial Backup, and Managing Network Performance with Queuing and Compression together with requisite router configurations. This is the second course in a series of four semesters pertaining to CCNP certification.
75 CLOCK HRS

✱ CNG-267 - CISCO NETWORK PROFESSIONAL III   5.0 CR
PREREQUISITE: CNG-266; Min. grade C-;
Focuses on using and configuring Cisco routers and switches to connect LANs and WANs found at medium to large network sites. Covers the selection and implementation of the appropriate Cisco IOS services required to build scalable, routed, switched and multi layered switched networks. Includes theories and tasks that network managers and administrators need to perform when managing access and controlling overhead traffic in growing, routed networks once connectivity has been established. This is the third course in a series of four semesters pertaining to CCNP Certification.
75 CLOCK HRS

CNG-268 - CISCO NETWORK PROFESSIONAL IV   5.0 CR
PREREQUISITE: CNG-267; Min. grade C-;
Focuses on methodologies that provide systematic and efficient approaches to troubleshooting and support of networks and network components. Emphasizes troubleshooting tools, software testing products, protocol overviews, TCP/IP features, LAN switching, VLAN broadcasts and security, routing and switching architectures, Frame Relay, ISND, Novel IPX, Apple Talk, EIGRP, OSPH, and BGP. This is the fourth course in a series of four semesters pertaining to CCNP Certification.
75 CLOCK HRS

Communications

✱ COM-121 - COLLEGE SURVIVAL SKILLS   3.0 CR
PREREQUISITE: College-Level Reading;
Enables students to identify and develop strategies and skills necessary to successfully meet the challenges and expectations of the college experience. In addition, students explore resources available at the institution and elsewhere that can aid their success in college and in the workplace.
45 CLOCK HRS

COM-175 - SPECIAL TOPICS   1.0-6.0 CR
Provides students with a vehicle to pursue special topics of interest. The content of this course is designed on an as needed basis to provide current, up-to-date information.

✱ COM-260 - LISTENING AT WORK   1.0 CR
PREREQUISITE: College-Level Reading;
Focuses on understanding and developing high-level listening skills because more than one-half of the communication process is listening. Explores a variety of listening techniques to improve skills.
Prev. Course Codes: (BUS-270L) (SPE-270L) (SPE-047L) (COM-247L) 15 CLOCK HRS

✱ COM-263 - CONFLICT RESOLUTION   1.0 CR
PREREQUISITE: College-Level Reading;
Focuses on handling conflict productively. Enables the student to understand the roots of conflict and how to mediate interpersonal conflict in a variety of settings. Emphasizes conflict prevention techniques.
Prev. Course Codes: (BUS-270CF) 15 CLOCK HRS

Courses

COM

COM-275 – SPECIAL TOPICS 1.0-6.0 CR
Provides students with a vehicle to pursue in depth exploration of special topics of interest. The content of this course is designed on an as needed basis to provide current, up-to-date information.

Construction Technology

CON-121 – BASIC CONSTRUCTION SAFETY & TOOLS 5.0 CR
This course provides a basic introduction to construction work for heating, ventilating, air conditioning, refrigeration, and plumbing. It includes basic safety, basic math, an introduction to hand tools, power tools, blueprints, and basic rigging.
Prev. Course Codes: (BCT-121) (BCT-111)
75 CLOCK HRS

CON-128 – COST ESTIMATION 2.0 CR
Provides an overview of the estimation process. Bid requirements and package are discussed along with an introduction to the CSI divisions.
Prev. Course Codes: (BCT-132) 30 CLOCK HRS

CON-130 – BLUEPRINT READING 2.0 CR
Focuses on the techniques for reading and using blueprints and specifications with an emphasis placed on those drawing and types of information that are relevant to the carpentry craft.
30 CLOCK HRS

CON-137 – FUNDAMENTALS OF CONSTRUCTION MANAGEMENT 2.0 CR
This course provides essential training in construction business administration, construction project management, and construction engineering.
Prev. Course Codes: (BCT-137) 30 CLOCK HRS

CON-140 – INTRODUCTION TO BUILDING CODES AND ENFORCEMENT UBC 3.0 CR
Introduces the basic concepts of code enforcement.
Prev. Course Codes: (BCT-131) (BCT-035) (BCT-135) 45 CLOCK HRS

Criminal Justice

CRJ-100 – ADMINISTRATION OF JUSTICE 1.0 CR
This course covers the subjects in Administration of Justice required by P.O.S.T. Topics include: introduction to the criminal justice system, law enforcement ethics, criminal process, and state, federal, and local law enforcement agencies. Note: Registration requires admittance to CLETA program.
19 CLOCK HRS

CRJ-101 – BASIC LAW ENFORCEMENT ACADEMY I 8.0 CR
Conforms to POST standards and state certification requirements as well as the basic skills and knowledge necessary to perform the entry level duties of a Police Officer. Emphasis will be on simulating actual situations utilizing a lecture and laboratory mode of learning.
192 CLOCK HRS

CRJ-102 – BASIC LAW ENFORCEMENT ACADEMY II 6.0 CR
Conforms to POST standards and state certification requirements as well as the basic skills and knowledge necessary to perform the entry level duties of a Police Officer. Emphasis will be on simulating actual situations utilizing a lecture and laboratory mode of learning.
92 CLOCK HRS

CRJ-103 – BASIC LAW ENFORCEMENT ACADEMY III 2.0 CR
Enhances the standards established by the POST board and state certification requirements as well as the basic skills and knowledge necessary to perform the entry level duties of a Police Officer. Emphasis will be on expanding the POST curriculum to create a unique learning experience.
28 CLOCK HRS

CRJ-105 – BASIC LAW 6.0 CR
Covers constitutional and procedural consideration affecting arrest, search and seizure, and civil liability. Includes the Colorado criminal, liquor, controlled substance, and children's codes. Emphasizes victim's rights and courtroom testimony. NOTE: Registration requires admittance to CLETA program.
80 CLOCK HRS

CRJ-106 – ARREST CONTROL TECHNIQUES 3.0 CR
Covers the skills, knowledge, and abilities necessary to effectively maintain control of a suspect when making an arrest. Emphasizes the continuum of force and de-escalation of force. Note: Registration requires admittance to CLETA program.
Prev. Course Codes: (CRJ-108) 72 CLOCK HRS

CRJ-107 – LAW ENFORCEMENT DRIVING 3.0 CR
Covers the skills, knowledge, and abilities required for operation of a law enforcement vehicle. Emphasizes defensive driving. Enables students to demonstrate skills by driving a vehicle under simulated conditions. Note: Registration requires admittance to CLETA program.
Prev. Course Codes: (CRJ-109) 44 CLOCK HRS

CRJ-108 – FIREARMS 3.0 CR
Discusses the skills, knowledge, and abilities necessary to safely use police firearms. Students will demonstrate skills by firing weapons on a firing range. The student will demonstrate basic safety techniques and will explain the firearms role within the continuum of force. Note: registration requires admittance to CLETA program.
Prev. Course Codes: (CRJ-107) 69 CLOCK HRS

✱ CRJ-110 – INTRO TO CRIMINAL JUSTICE 3.0 CR
A study of the agencies and processes involved in the criminal justice system: the legislature, the police, the prosecutor, the public defender, the courts, and corrections. Includes an analysis of the roles and problems of the criminal justice system in a democratic society, with an emphasis upon inter-component relations, and checks and balances.
45 CLOCK HRS

✱ CRJ-111 – SUBSTANTIVE CRIMINAL LAW 3.0 CR
PREREQUISITE: CRJ-110(607); Min. grade C-;
Teaches legal definitions of crime, purposes and functions of the law, historical foundations, and the limits of the criminal law.
Prev. Course Codes: (CRJ-127) 45 CLOCK HRS

CRJ-112 – PROCEDURAL CRIMINAL LAW 3.0 CR
PREREQUISITE: CRJ-110(607); Min. grade C-;
This course covers constitutional and procedural considerations affecting arrest, search/seizure, post-conviction treatment, origin, development, philosophy and constitutional basis of evidence. Focuses on degrees of evidence and rules governing admissibility, judicial decisions interpreting individual rights, and an analysis of case studies from arrest through final appeal.
45 CLOCK HRS

CRJ-120 – COMMUNITY INTERACTION 1.0 CR
This course covers the subjects in Community Interaction required by P.O.S.T. Topics include: Introduction/Framework for Community Policing, Problem Solving, Community Partnership, and Crime Prevention. Note: Registration requires admittance to CLETA program.
Prev. Course Codes: (CRJ-102) 12 CLOCK HRS

CRJ-121 – TRAFFIC CONTROL 2.0 CR
This course covers the subjects in Traffic Control required by P.O.S.T. Topics include: Traffic Code, Traffic Direction, Traffic Accident Investigation, and D.U.I. Note: Registration requires admittance to CLETA program.
Prev. Course Codes: (CRJ-104) 28 CLOCK HRS

CRJ-122 – COMMUNICATIONS 2.0 CR
This course covers the subjects in Communications required by P.O.S.T. Topics include: Report Writing, Stress Management, Verbal Communication Techniques, and Interaction with Special Populations. Note: Registration requires admittance to CLETA program.
Prev. Course Codes: (CRJ-106) 30 CLOCK HRS

CRJ-123 – LAW ENFORCEMENT SURVIVAL SPANISH 1.0 CR
This course is designed for the Law Enforcement Training Academy student who will have the need to communicate with Spanish speaking individuals in the course of their employment as peace Officers. Pronunciation, familiarization with common terms, and survival phrases encountered in law enforcement situations will be stressed. Note: Registration requires admittance to CLETA program.
16 CLOCK HRS

CRJ-125 – LAW ENFORCEMENT OPERATIONS 3.0 CR
PREREQUISITE: CRJ-110(607); Min. grade C-;
An in-depth examination of the complexity and multi-dimensional aspects of the law enforcement role and career; law enforcement discretion; law enforcement values and culture in modern America. The role and functions of law enforcement in occupational, social, political and organizational context.
45 CLOCK HRS

CRJ-126 – PATROL PROCEDURES 3.0 CR
Focuses on an in-depth study of the basic knowledge and skills required of a peace officer to safely and effectively accomplish the patrol procedure. Note: Registration requires admittance to CLETA program.
Prev. Course Codes: (CRJ-103) 56 CLOCK HRS

CRJ-127 – CRIME SCENE INVESTIGATION 3.0 CR
Focuses on basic procedures in crime scene management to include photography and preparing initial reports and sketches. Includes processing evidence and related criminalistic procedures. Covers interviewing suspects, witnesses, and victims to include the recording of identifications and descriptions. Incorporates lab and lecture. Note: Registration requires admittance to CLETA program.
Prev. Course Codes: (CRJ-105) 56 CLOCK HRS

CRJ-128 – CIVIL LAW 2.0 CR
The laws and procedures applicable to civil complaints will be covered in this course. Topics include writs, judgments, injunctions, torts, property law, evictions, foreclosures, child support, and restraining orders. Emphasis is on vicarious liability.
Prev. Course Codes: (CRJ-159) 30 CLOCK HRS

COM

CRJ-130 – EVIDENCE AND COURTROOM PROCEDURES 3.0 CR
An analysis of the statutes and recent decisions of the courts of the state of Colorado and the United States affecting arrest, search and seizure, kinds and degrees of evidence, and rules covering admissibility are topics of this course.
Prev. Course Codes: (CRJ-225) 45 CLOCK HRS

CRJ-135 – JUDICIAL FUNCTION 3.0 CR
PREREQUISITE: CRJ-110(607); Min. grade C-;
This course examines the criminal process with an analysis of the major judicial decision-makers, i.e. prosecutors, defense attorneys, judges, and the discretionary aspects of adjudication.
45 CLOCK HRS

CRJ-145 – CORRECTIONAL PROCESS 3.0 CR
PREREQUISITE: CRJ-110(607); Min. grade C-;
Focuses on post-conviction corrections process; the development of a correctional philosophy, theory & practice; a description of institutional operation, programming, and management; community-based corrections, probation and parole.
45 CLOCK HRS

CRJ-146 – COMMUNITY BASED CORRECTIONS 3.0 CR
An analysis of community based correctional programs and procedures. Emphasis on environment and the relationship to public safety, reintegration, and punishment.
Prev. Course Codes: (CRJ-050) (CRJ-134)
45 CLOCK HRS

CRJ-175 – SPECIAL TOPICS 1.0-6.0 CR
Provides students with a vehicle to pursue in-depth exploration of special topics of interest.

✻ CRJ-210 – CONSTITUTIONAL LAW 3.0 CR
PREREQUISITE: CRJ-110(607); Min. grade C-;
Focuses on the powers of government as they are allocated and defined by the United States Constitution; includes intensive analysis of United States Supreme Court decisions.
45 CLOCK HRS

CRJ-215 – CONSTITUTIONAL RIGHTS OF INMATES 3.0 CR
An overview of the justice system as it pertains to the constitutional rights of inmates, including civil and criminal liabilities, legal services, and disciplinary proceedings.
Prev. Course Codes: (CRJ-070) (CRJ-232)
45 CLOCK HRS

CRJ-216 – JUVENILE LAW AND PROCEDURES 3.0 CR
An in-depth analysis of the socio-legal operation of the Juvenile Justice System, focusing on the substantive and due process rights of minors. Analysis of legal reasoning underlying the juvenile law as it operates at all levels of government.
Prev. Course Codes: (CRJ-230) 45 CLOCK HRS

✻ CRJ-220 – HUMAN RELATIONS & SOCIAL CONFLICT 3.0 CR
PREREQUISITE: CRJ-110(607); Min. grade C-;
Highlights the environmental, organizational and socio-psychological dimensions of social control. Includes the study of individual attitudes, beliefs and behavior involved in role conflicts, community relations and conflict management in the social structure.
Prev. Course Codes: (CRJ-215) 45 CLOCK HRS

✻ CRJ-230 – CRIMINOLOGY 3.0 CR
PREREQUISITE: CRJ-110(607); Min. grade C-;
Examines the question of crime causation from legal, social, political, psychological, and theoretical perspectives. Covers the history and development of criminology.
Prev. Course Codes: (CRJ-115) (CRJ-152)
45 CLOCK HRS

CRJ-249 – PENOLOGY 3.0 CR
Focuses on an historical and theoretical study of incarceration as punishment, deterrence, and incapacitation.
Prev. Course Codes: (CRJ-250) (CRJ-065) (CRJ-231) 45 CLOCK HRS

CRJ-255 – ORGANIZATIONAL MANAGEMENT OF CORRECTIONAL INSTITUTIONS 3.0 CR
Focuses on the history of penal and correctional management, organization of correctional institutions, management processes, leadership, control principles, and implications for the future.
Prev. Course Codes: (CRJ-076) (CRJ-233)
45 CLOCK HRS

CRJ-287 – COOPERATIVE EDUCATION/INTERNSHIP 1.0-6.0 CR
Provides work experience for students to gain practical work experience related to their educational program.
Prev. Course Codes: (CRJ-130C) (CRJ-030C) (CRJ-032) (CRJ-130C)

Computer Science

✻ CSC-119 – INTRODUCTION TO PROGRAMMING 3.0 CR
Focuses on a general introduction to computer programming. Emphasizes the design and implementation of structured and logically correct programs with good documentation. Focuses on basic programming concepts, including numbering systems, control structures, modularization, and data processing. A structured programming language is used to implement the student's program designs.
Prev. Course Codes: (CIS-119) (CSC-125) (CSC-127) (CSC-128) (CSC-129) (CSC-131) (CSC-132) (CSC-127CSC-128) (CSC-129) (CSC-161) (CSC-162) (CSC-163) (CSC-152) 45 CLOCK HRS

✻ CSC-150 – VISUAL BASIC PROGRAMMING 3.0 CR
PREREQUISITE: CSC-119; Min. grade C-;
Introduces programming and applications development for the Microsoft Windows Programming environment using Visual Basic for Windows.
Prev. Course Codes: (CIS-166) (CIS-160) (CSC-126) (CSC-160) (CSC-153) (CSC-259)
45 CLOCK HRS

✻ CSC-230 – C PROGRAMMING: PLATFORM 3.0 CR
PREREQUISITE: MAT-121; Min. grade C-;
Introduces C programming language, a "mid level" language whose economy of expression and data manipulation features allow a programmer to deal with the computer at "low level."
Prev. Course Codes: (CIS-167) (CSC-230)
45 CLOCK HRS

CSC-240 – JAVA PROGRAMMING 3.0 CR
PREREQUISITE: MAT-106; Min. grade C-;
Introduces Java programming language and covers basic graphics, events/procedures, user interface, and libraries. Enables the student to write and execute a variety of Java programs. Incorporates Java Applets into HTML.
Prev. Course Codes: (CIS-168) 45 CLOCK HRS

CSC-248 – JAVA INTERNET PROGRAMMING 3.0 CR
PREREQUISITE: CSC-240; Min. grade C-;
Covers Java programming in the internet environment. Focuses on server-side programming and covers network programming, database connectivity, server programming, multimedia and Java beans.
45 CLOCK HRS

CSC-260 – INTRODUCTION TO ASP.NET 3.0 CR
Teaches students how to create a simple Microsoft ASP.NET application that delivers dynamic content to the Web.
45 CLOCK HRS

Culinary Arts

CUA-101 – FOOD SAFETY AND SANITATION 2.0 CR
Covers the basic rules of sanitation, food-borne illnesses, safe food temperatures, safe food handling techniques, the HACCP Program, pest control procedures, and local/state health rules and regulations for food service operations. At the completion of the course students take a nationally recognized test from the Education Foundation of the National Restaurant Association. If passed with a score of 75% or more, students receive a Certificate of Completion from the Education Foundation.
Prev. Course Codes: (CUA-155) (RMA-115) (RMA-055) (RMA-225) 30 CLOCK HRS

CUA-121 – INTRODUCTION TO FOOD PRODUCTION PRINCIPLES AND PRACTICES 1.0 CR
Provides students with the fundamental principles of commercial kitchen operations including safety and sanitation applications, use and care of equipment, tools, utensils and knives, recipe use and conversion, organization of work, and basic cooking methods.
22.5 CLOCK HRS

CUA-122 – INTRODUCTION TO STOCKS, SOUPS, & SAUCES 1.0 CR
PREREQUISITE: CUA-121(336); Min. grade C-;
Focuses on the fundamental principles of stocks, soups, sauces, gravies, and thickening agents. Enables students to produce a variety of these products in the commercial kitchen incorporating practice in the use of tools, utensils, equipment, and application of safety and sanitation practices. Students apply pre-preparation skills and efficient organization of work techniques. Meets a minimum of 22.5 hours.
Prev. Course Codes: (CUA-126) 22.5 CLOCK HRS

CUA-123 – INTRODUCTION TO GARDE MANGER 1.0 CR
PREREQUISITE: CUA-121(336); Min. grade C-;
Provides fundamental principles of cold food and non-alcoholic beverage preparation and production. Enables students to produce a variety of cold food and non-alcoholic beverage products incorporating practice in the use of tools, utensils, equipment, and application of safety and sanitation methods. Introduces basic cold food decorative work such as fruit and vegetable garnishes and carvings, terrines, and hors d'oeuvres. Focuses on pre-preparation procedures and efficient organization of work techniques.
22.5 CLOCK HRS

CUA-124 – VEGETABLE PREPARATION AND BREAKFAST COOKERY 1.0 CR
PREREQUISITE: CUA-121(336); Min. grade C-;
Enables students to describe the characteristics of a variety of vegetable items including preparation procedures. Focuses on the variety of breakfast items and the preparation of vegetable items using a variety of cooking methods. Emphasizes the effects of seasonings and cooking methods on vegetable products. Students prepare, plate, and garnish breakfast orders to those ordered in restaurants with egg cookery and dairy products emphasized.
22.5 CLOCK HRS

Courses

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CUA-126 – INTERMEDIATE SOUPS AND SAUCES   1.0 CR
PREREQUISITE: CUA-122(19209);
Min. grade C-;
Provides the student with a continuation of the saucier station in a commercial kitchen to include the five "Grand" or "Mother Sauces," small or derivative sauces, and the major categories of soups. Gravies and pan sauces, as well as sauce garnishes, are also covered.
22.5 CLOCK HRS

CUA-130 – CENTER OF THE PLATE: POULTRY   1.0 CR
PREREQUISITE: CUA-122(337); Min. grade C-;
Provides the student with the basic information for proper selection, handling, and cooking of poultry and fowl products, including chicken, duck, turkey, goose, and pheasant. The course focuses on a variety of poultry and fowl products that are commonly used in the professional kitchen. Meets a minimum of 22.5 hours.
22.5 CLOCK HRS

CUA-131 – STARCHES, PASTAS,
CASSEROLES, & GRAINS   1.0 CR
PREREQUISITE: CUA-121(336); Min. grade C-;
Provides the basics of preparing and/or cooking potatoes, starches, legumes, and pastas. Enables students to prepare and cook a variety of casseroles and grain products. Allows students to apply pre-preparation skills and efficient organization of work techniques.
Prev. Course Codes: (CUA-151) 22.5 CLOCK HRS

CUA-135 – CENTER OF THE PLATE: BEEF & VEAL   1.0 CR
PREREQUISITE: CUA-122(337); Min. grade C-;
Provides the student with the basic information required for proper selection, handling, and cooking of beef and veal products. The course focuses on a variety of beef and veal products commonly used in the professional kitchen. Meets a minimum of 22.5 hours.
22.5 CLOCK HRS

CUA-137 – CENTER OF THE PLATE: FISH & SEAFOOD   1.0 CR
PREREQUISITE: CUA-122(337); Min. grade C-;
Provides the student with the basic information required for proper selection, handling, and cooking of fish and shellfish products. The course focuses on a variety of fish and shellfish products commonly used in the professional kitchen. Meets a minimum of 22.5 hours.
22.5 CLOCK HRS

CUA-138 – FOOD AND BEVERAGE SERVICE   2.0 CR
This course provides the practical skills and knowledge for effective management of food and beverage service in cafeterias, coffee shops, room service, banquet areas and high-check-average dining rooms. The focus is on the need of the customer.
30 CLOCK HRS

CUA-139 – CENTER OF THE PLATE: PORK, LAMB,
& GAME   1.0 CR
PREREQUISITE: CUA-122(337); Min. grade C-;
Provides the student with the basic information required for the proper selection, handling, and cooking of pork, lamb, and game. The course focuses on a variety of pork, lamb, and game products commonly used in the professional kitchen. Meets a minimum of 22.5 hours.
22.5 CLOCK HRS

CUA-141 – BAKING: PRINCIPLES AND INGREDIENTS   1.0 CR
PREREQUISITE: CUA-121(336); Min. grade C-;
Provides the student with the fundamentals of baking terminology, principles of baking, and the character-

istics and functions of the main ingredients used in bakery production.
22.5 CLOCK HRS

CUA-142 – BASIC YEAST-RAISED PRODUCTS AND
QUICKBREADS   1.0 CR
PREREQUISITE: CUA-141(342); Min. grade C-;
Provides the student with the fundamentals of basic yeast-raised production and quickbreads. Enables the student to produce white bread, rolls, variety grain breads, specialty breads, sweet yeast-raised products, and quickbreads. Meets for a minimum of 22.5 hours.
22.5 CLOCK HRS

CUA-143 – BAKING: CAKES, PIES,
PASTRIES AND COOKIES   1.0 CR
PREREQUISITE: CUA-141(342); Min. grade C-;
Provides the student with the fundamentals of basic cake, pie, pastry, and cookie production. Enables the student to produce a variety of cakes, pies, pastries, cookies and assorted dessert items.
22.5 CLOCK HRS

CUA-151 – BAKING: INTERMEDIATE
BREAD PREPARATION   3.0 CR
Focuses on preparation of types of bread products including French, rye, wheat, brioche, and croissants. Enables the student to demonstrate rolling, braiding, cloverleaf, parker-house, rollings, braiding, cloverleaf, parker-house, single knot, butter-flake, comb, and wreath shapes. Examines production steps, ingredients, and equipment that apply to course training.
67.5 CLOCK HRS

CUA-152 – INDIVIDUAL FANCY DESSERT PRODUCTION   3.0 CR
Focuses on the preparation and decoration of individual dessert items. Covers the preparation of cream horns, napoleons, eclairs, cream puffs, marzipan fruits, marzipan sculptures, tarts, flambed desserts, international desserts, pastry shells, pulled sugar, spun sugar, and individual chocolate decorations. Students research and locate dessert menus/recipes to be used in lab production.
67.5 CLOCK HRS

CUA-156 – NUTRITION FOR THE HOSPITALITY
PROFESSIONAL   3.0 CR
Provides students with the fundamentals of human nutrition. Focuses on the nutritional needs of humans throughout their life cycle as well as those with special dietary needs. Students may take a nationally recognized test from the Educational Foundation of the National Restaurant Association.
45 CLOCK HRS

CUA-161 – ADVANCED CAKE
DECORATING – WEDDING CAKES   2.0 CR
Demonstrates a variety of wedding cake decorating techniques. Students will learn to work with gumpaste, rolled fondant, royal icing. Students will complete a two-tier wedding cake.
45 CLOCK HRS

CUA-165 – COMPUTER APPLICATIONS IN THE FOOD
INDUSTRY   3.0 CR
PREREQUISITE: CIS-118(200); Min. grade C-;
This course will provide the student with the fundamentals of computer applications in the foodservice industry. Students will be able to describe a variety of computer applications in the workplace. Students will apply the knowledge of computers in the workplace by using word processing, spreadsheets, database, Internet, and graphics.
45 CLOCK HRS

CUA-175 – SPECIAL TOPICS   1.0-6.0 CR
Provides students with a vehicle to pursue special topics of interest. The content of this course is designed on an as needed basis to provide current, up-to-date information.
Prev. Course Codes: (CUA-290A)

CUA-182 – CULINARY ARTS PRACTICUM I   3.0 CR
Students will spend a minimum of 667 hours working in an approved professional kitchen learning and demonstrating culinary skills. This structured work-experience requires students to practice in a variety of culinary positions while rotating through different restaurant kitchens. Students will maintain a portfolio of culinary skills learned and positions worked through the timely and accurate upkeep of their required logbook.
Prev. Course Codes: (CUA-131) 667 CLOCK HRS

CUA-183 – CULINARY ARTS PRACTICUM II   3.0 CR
PREREQUISITE: CUA-182(15892) or CUA-182(345); Min. grade C-;
Students will spend a minimum of 667 hours working in an approved professional kitchen learning and demonstrating culinary skills. This structured work-experience requires students to practice in a variety of culinary positions while rotating through different restaurant kitchens. Students will maintain a portfolio of culinary skills learned and positions worked through the timely and accurate upkeep of their required logbooks.
Prev. Course Codes: (CUA-132) 667 CLOCK HRS

CUA-184 – CULINARY ARTS PRACTICUM III   3.0 CR
PREREQUISITE: CUA-183(15893);
Min. grade C-;
Second-year students will spend a minimum of 667 hours working in an approved professional kitchen learning and demonstrating culinary skills. This structured work-experience requires students to practice in a variety of culinary positions while rotating through different restaurant kitchens. Students will maintain a portfolio of culinary skills learned and positions worked through the timely and accurate upkeep of their required logbooks.
Prev. Course Codes: (CUA-113) (CUA-133)
667 CLOCK HRS

CUA-242 – INTERMEDIATE GARDE MANGER   1.0 CR
PREREQUISITE: CUA-123; Min. grade C-;
Focuses on producing a variety of garde manger items. Incorporates practice in the use of tools, utensils, and equipment and application of safety and sanitation practices. Emphasizes preparation skills and efficient organization of work skills.
Prev. Course Codes: (CUA-251) 22.5 CLOCK HRS

CUA-245 – INTERNATIONAL CUISINE   2.0 CR
This course introduces full meal preparation of nontraditional international cuisine. Ethnic ingredients and meals from India, Thailand, Greece, Morocco, Africa, South America and Ecuador will be introduced.
Prev. Course Codes: (CUA-245) 45 CLOCK HRS

CUA-251 – ADVANCED GARDE MANGER:
HORS D'OEUVRES   1.0 CR
PREREQUISITE: CUA-242; Min. grade C-;
This course introduces the student to a broad array of both hot and cold hors d'oeuvres and appetizers. Students learn to prepare various ethnic hors d'oeuvres including tapas, antipasta, sushi, classical and contemporary canapes, as well as show mirrors and platters.
22.5 CLOCK HRS

CUA-252 – ADVANCED GARDE MANGER: CHARCUTERIE 1.0 CR
PREREQUISITE: CUA-242; Min. grade C-;
This advanced garde manger course introduces students to the art of charcuterie. Students will learn to prepare basic foremeats, terrines, pates, sausages, and galentines. Techniques with chaud froid and aspic will be covered as students are introduced to platters and show work.
22.5 CLOCK HRS

CUA-253 – ADVANCED SEMINAR IN SAUCE 1.0 CR
PREREQUISITE: CUA-122(337); Min. grade C-;
An advanced sauce course designed to teach the theory, production, and practical applications of classical and contemporary sauce work. Emphasis will be placed on the classical "Grand Sauces" and their small sauce derivatives. Stocks, essences, jus, and glaces will be covered.
22.5 CLOCK HRS

CUA-255 – SUPERVISION IN THE HOSPITALITY INDUSTRY 3.0 CR
Provides the current/future foodservice operator, manager, or supervisor with a solid foundation for developing communication skills, planning and decision-making skills, and skills for creating a goal-oriented environment utilizing management principles in the selection, training, evaluating, delegating, motivating, rewarding, and disciplining employees. Stresses skills for success through people development.
45 CLOCK HRS

CUA-261 – COST CONTROLS 3.0 CR
PREREQUISITE: MAT-107; Min. grade C-;
Provides students with the opportunity to learn the types of costs usually found in the food service industry. Students will learn to apply control techniques to a variety of costs and sales. They will also learn to interpret a variety of financial reports which reflect the relationship between costs and income. Students may take the national Cost Controls test from the National Restaurant Association Education Foundation. If they pass the test with a 75% or higher, they will receive a national certificate for the course.
Prev. Course Codes: (CUA-161) 45 CLOCK HRS

CUA-262 – PURCHASING FOR THE HOSPITALITY INDUSTRY 3.0 CR
Emphasizes controlling costs as applied to the selection and procurement of food and supply items. Covers selection and procurement of food and supplies, supplier selection, and distribution systems including the forces affecting them. Students will take a nationally recognized test and may receive a certificate from the Education Foundation, the educational arm of the National Restaurant Association.
Prev. Course Codes: (CUA-210) 45 CLOCK HRS

CUA-265 – MENU PLANNING & PURCHASING 4.0 CR
This course introduces the student to menu planning and development; integration of menus into foodservice operations and the purchasing function in foodservice.
Prev. Course Codes: (CUA-210) 60 CLOCK HRS

CUA-275 – SPECIAL TOPICS 1.0–6.0 CR
Provides students with a vehicle to pursue special topics of interest. The content of this course is designed on an as needed basis to provide current, up-to-date information.
Prev. Course Codes: (CUA-290C)

CUA-282 – CULINARY ARTS PRACTICUM IV 3.0 CR
PREREQUISITE: CUA-184(15894) or CUA-184(526); Min. grade C-;
Second-year students will spend a minimum of 667 hours working in an approved professional kitchen learning and demonstrating culinary skills. This structured work-experience requires students to practice in a variety of culinary positions while rotating through different restaurant kitchens. Students will maintain a portfolio of culinary skills learned and positions worked through the timely and accurate upkeep of their required logbook.
Prev. Course Codes: (CUA-231) 667 CLOCK HRS

CUA-283 – CULINARY ARTS PRACTICUM V 3.0 CR
PREREQUISITE: CUA-282(15895) or CUA-282(352); Min. grade C-;
Third-year students will spend a minimum of 667 hours working in an approved professional kitchen learning and demonstrating culinary skills. This structured work-experience requires students to practice in a variety of culinary positions while rotating through different restaurant kitchens. Students will maintain a portfolio of culinary skills learned and positions worked through the timely and accurate upkeep of their required logbook.
Prev. Course Codes: (CUA-232) 667 CLOCK HRS

CUA-284 – CULINARY ARTS PRACTICUM VI 3.0 CR
PREREQUISITE: CUA-283(15896) or CUA-283(353); Min. grade C-;
Third-year students will spend a minimum of 667 hours working in an approved professional kitchen learning and demonstrating culinary skills. This structured work-experience requires students to practice in a variety of culinary positions while rotating through different restaurant kitchens. Students will maintain a portfolio of culinary skills learned and positions worked through the timely and accurate upkeep of their required logbook.
Prev. Course Codes: (CUA-233) 667 CLOCK HRS

Computer Web Based

CWB-105 – COMPLETE INTERNET 3.0 CR
PREREQUISITE: CIS-100(305) CIS-110(1182) CIS-115 or CIS-118(200); Min. grade C-;
This course introduces the Internet, the global network of computer networks. The Internet's resources and tools are explored. Topics include history, topology, email, Listserv, telnet, ftp, World Wide Web, and various search engines.
45 CLOCK HRS

CWB-110 – WEB LAYOUT AND DESIGN CONCEPTS 3.0 CR
PREREQUISITE: CIS-100(305) CIS-110(1182) CIS-115 or CIS-118(200); Min. grade C-;
Introduces the development of web pages using structured design to lay out pages. Topics may include text manipulation, cross-platform calibration, graphics formats, data tables, and file downloading requirements.
45 CLOCK HRS

CWB-115 – WEB DESIGN FOUNDAMENTALS 3.0 CR
Focuses on overall web page and site production processes with particular emphasis on design elements involving layout, navigation, and interactivity. This course, sponsored by Cisco Systems and Adobe Systems, is taught using Adobe Photoshop (R), Adobe Illustrator (R), Adobe GoLive (R), Adobe LiveMotion (R), and Adobe Premiere (R) software. Recommended pre-requisite of CIS-115, CIS-118, or basic computer literacy and understanding of the Web.
67.5 CLOCK HRS

CWB-130 – WEB EDITING TOOLS 3.0 CR
Provides tools used for designing and building Web pages that are easy to use and have a pleasing look. The student will develop Web pages using various software programs. Use of images, forms, frames, tables, templates, and layers will be covered.
45 CLOCK HRS

CWB-164 – XML 1 3.0 CR
PREREQUISITE: CWB-165(258); Min. grade C-;
Provides students with an introduction to the XML language's structure and syntax. Examines supporting tools such as XSL and CSS. This course is not designed to focus on a particular implementation of XML, but examines the possibilities of using XML with popular technologies such as Java SAX, SOAP, RDF, and the DOM.
45 CLOCK HRS

CWB-205 – COMPLETE WEB SCRIPTING 3.0 CR
PREREQUISITE: CWB-130(19168);
Min. grade C-;
Explores the complete set of web scripting skills needed to develop Web Applications. Includes variables, data types, arithmetic operations, logical operations, looping, creating and reading cookies, creating an array, displaying data based on a cookie value, setting flags, working with frames, creating objects in a hidden frame, using the History Object, writing HTML to another window, determining browser and detecting keystrokes.
45 CLOCK HRS

CWB-206 – WEB DATA BASE 3.0 CR
Emphasizes scripting languages used to create and manage Web databases. Targets multimedia authors who wish to add database management and search functionality to their Web sites. Enables students to build an inexpensive, portable database solution.
45 CLOCK HRS

CWB-208 – WEB APPLICATION DEVELOPMENT 3.0 CR
PREREQUISITE: CWB-130(19168);
Min. grade C-;
Teaches students how to work in the server-side scripting environment. Students learn the basics of application development, and general principles that apply to most development environments. Students develop applications using two different server-side application development tools: PHP Hypertext Preprocessor (PHP) and Cold Fusion. Students also learn key application standards such as source and revision control, coding standards, code optimization, and data integrity.
45 CLOCK HRS

CWB-280 – WEB DEVELOPER PORTFOLIO 3.0 CR
This is the capstone course for the Web Developer Degree and Certificate programs. Students will create a portfolio of work demonstrating proficiency as a Web Developer.
45 CLOCK HRS

Dance

✻ DAN-111 – MODERN DANCE I 1.0 CR
Introduces basic concepts and skills of modern dance. Focuses on technique work to increase strength, flexibility, endurance, coordination, rhythm, and spatial awareness. Explores dance as a tool for communication and dance as an art form. May be repeated for a maximum of three credits.
Prev. Course Codes: (THD-151) (THD-151M2)
30 CLOCK HRS

Courses

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DAN

✳ **DAN-112 – MODERN DANCE II** 1.0 CR
PREREQUISITE: DAN-111; Min. grade C-;
Includes a more in-depth study of modern dance concepts as well as more specific techniques of modern dance choreography. Focuses on more advanced technique work and more emphasis on improvisation. May be repeated for a total of three credits.
Prev. Course Codes: (THD-152) (THD-162M2)
30 CLOCK HRS

✳ **DAN-121 – JAZZ I** 1.0 CR
Introduces the basic techniques and vocabulary of jazz dance and the basic elements of dance. Focuses on movement oriented dance, comprised of warm-up exercises, center combinations, traveling combinations, and cool down. May be repeated for a maximum of three credits.
Prev. Course Codes: (THD-131) (THD-151B3)
30 CLOCK HRS

✳ **DAN-122 – JAZZ II** 1.0 CR
PREREQUISITE: DAN-121; Min. grade C-;
Continues Jazz I with an increased knowledge of jazz dance. Enables the student to work at an intermediate level with a basic understanding of body alignment, balance, and musicality. May be repeated for a maximum of three credits.
Prev. Course Codes: (THD-232) (THD-261J2)
30 CLOCK HRS

✳ **DAN-125 – HISTORY OF DANCE I** 3.0 CR
PREREQUISITE: College-Level Reading;
Introduces the history of dance as a theatre or performing art. Examines dance from Classical Greece through the Renaissance, including court and classical ballet to modern dance with African and Caribbean influences.
45 CLOCK HRS

✳ **DAN-129 – INTRODUCTION TO DANCE** 1.0 CR
Introduces the art of dance and movement expression from a variety of viewpoints: historical, cultural, aesthetic, critical, and creative. Examines the art and craft of dance as an expression of culture and community while exploring personal expression, imagery, dance techniques, and performace qualities.
Prev. Course Codes: (THD-111) (THD-150B)
30 CLOCK HRS

✳ **DAN-131 – BALLET I** 1.0 CR
Introduces the basic techniques of ballet, which are built upon knowledge of ballet terminology, fundamental exercises, and the basic elements of dance. Focuses on movement-oriented dance, comprised of stretching, barre warm-up exercises, simple terre a terre and jumping steps, and basic extended positions. May be repeated for a maximum of three credits.
Prev. Course Codes: (THD-122) (THD-151B2)
30 CLOCK HRS

✳ **DAN-132 – BALLET II** 1.0 CR
PREREQUISITE: DAN-131; Min. grade C-;
Continues Ballet I and emphasizes ballet terminology, fundamental exercises, and the basic elements of dance. Focuses on an intermediate level within the basic structure of the ballet class. May be repeated for a maximum of three credits.
Prev. Course Codes: (THD-222) (THD-261B2)
30 CLOCK HRS

✳ **DAN-133 – BALLET III** 1.0 CR
PREREQUISITE: DAN-132; Min. grade C-;
Builds on Ballet II at an intermediate/advanced level. Continues learning within the basic structure of a ballet class while increasing the level of skills through more experience with challenging movement combinations. May be repeated for a maximum of three credits.
Prev. Course Codes: (THD-224) (THD-271B2)
30 CLOCK HRS

✳ **DAN-143 – TAP 1** 1.0 CR
Basic tap dance movements and techniques are introduced in this course. The shuffle, ball change, brush, flap heel drop, stomp, and stamp step are covered.
Prev. Course Codes: (THD-141A) (THD-151T2)
30 CLOCK HRS

DAN-175 – SPECIAL TOPICS 1.0-6.0 CR
Provides students with a vehicle to pursue special topics of interest. The content of this course is designed on an as needed basis to provide current, up-to-date information.
Prev. Course Codes: (THD-236) (THD-237) (THD-238) (THD-237) (THD-236) (THD-270AJ)

✳ **DAN-211 – DANCE COMPOSITION** 1.0 CR
Focuses on principles of choreography and development of individual expressive style.
Prev. Course Codes: (THD-270DC)
30 CLOCK HRS

✳ **DAN-221 – DANCE PERFORMANCE** 1.0 CR
Enables students to rehearse and perform dances for community concerts after selection through audition. Covers warm-up/advanced technique, rehearsals, and cool down in a dance company atmosphere. Focuses on choreography for original ballet, modern dance, and jazz dance works.
Prev. Course Codes: (THD-270DP)
30 CLOCK HRS

✳ **DAN-226 – POINTE** 1.0 CR
Elementary pointe technique will be emphasized in this class. Most work will be done at the barre stressing the muscular development of the foot, which is necessary before more advanced work can be undertaken.
Prev. Course Codes: (THD-226) (THD-270)
30 CLOCK HRS

DAN-275 – SPECIAL TOPICS 1.0-6.0 CR
Provides students with a vehicle to pursue in-depth exploration of special topics of interest. The content of this course is designed on an as needed basis to provide current, up-to-date information.
Prev. Course Codes: (THD-239) (THD-246) (THD-237B) (THD-270CD) (THD-270CE) (THD-237B) (THD-246) (TD-270CD) (THD-270CE)

Early Childhood Education

✳ **ECE-101 – INTRODUCTION TO EARLY CHILDHOOD EDUCATION** 3.0 CR
CO-REQUISITES: ECE-102;
PREREQUISITE: College-Level Reading;
Provides an introduction to Early Childhood Education. Includes the eight key areas of professional knowledge: Child Growth and Development; Health, Nutrition and Safety; Developmentally Appropriate Practices; Guidance; family and Community Relationships; Diversity; Professionalism; Administration; and Supervision. Focuses on ages birth through age eight.
Prev. Course Codes: (ECP-101) 45 CLOCK HRS

ECE-102 – INTRODUCTION TO EARLY CHILDHOOD LAB TECHNIQUES 3.0 CR
CO-REQUISITES: ECE-101;
Focuses on a classroom seminar and placement in a childcare setting. The supervised placement provides the student with the opportunity to observe children, to practice appropriate interactions, and to develop effective guidance and management techniques. Addresses ages birth through age 8.
Prev. Course Codes: (ECP-102) (ECE-102) (ECE-102A) 90 CLOCK HRS

ECE-103 – GUIDANCE STRATEGIES FOR CHILDREN 3.0 CR
Explores guidance theories, applications, goals, techniques, and factors that influence expectations, classroom management issues, and pro-social skills. Addresses ages birth through age 8.
Prev. Course Codes: (ECP-148) 45 CLOCK HRS

ECE-108 – THE ASSESSMENT PROCESS IN EARLY CHILDHOOD EDUCATION 1.0 CR
Focuses on exposing students to a wide variety of screening tools and evaluations appropriate for children birth to eight years of age. Enables students to gain beginning knowledge in the selection of developmental screening tools and evaluations important to the IFSP/IEP.
Prev. Course Codes: (ECP-270PA) 15 CLOCK HRS

ECE-111 – INFANT AND TODDLER THEORY & PRACTICE 3.0 CR
CO-REQUISITES: ECE-112;
Presents an overview of theories, applications (including observations), and issues pertinent to infant and toddler development in group and/or family settings. Includes state requirements for licensing, health, safety, and nutrition issues.
Prev. Course Codes: (ECP-111) 45 CLOCK HRS

ECE-112 – INTRODUCTION TO INFANT/TODDLER LAB TECHNIQUES 3.0 CR
CO-REQUISITES: ECE-111;
Includes a classroom seminar and placement in an infant and\or toddler setting. The supervised placement provides the student with the opportunity to observe, to practice appropriate interactions and to develop effective guidance and nurturing techniques with infants and\or toddlers. Addresses ages prenatal through age 2.
Prev. Course Codes: (ECP-112) 90 CLOCK HRS

ECE-125 – SCIENCE/MATH AND THE YOUNG CHILD 3.0 CR
Examines theories of cognitive development as a framework for conceptualizing the way young children acquire scientific and mathematical skills, concepts, and abilities. Enables students to research and develop appropriate individual and group scientific/mathematical activities for young children.
Prev. Course Codes: (ECP-270SP) (ECE-066)
45 CLOCK HRS

✳ **ECE-126 – ART & THE YOUNG CHILD** 2.0 CR
Prepares students to plan and implement a comprehensive and developmentally appropriate art program for young children. Investigates the development of self-taught art techniques in young children.
Prev. Course Codes: (ECP-270AC) (ECE-148) (EEC-053) 30 CLOCK HRS

ECE-127 – MUSIC/MOVEMENT FOR THE YOUNG CHILD 1.0 CR
Focuses on the purposes of incorporating music and movement into the early childhood curriculum. Through active participation with hands-on experiences, students work with the concepts of age and developmental appropriateness when designing fun activities with both subjects.
Prev. Course Codes: (ECP-270MM)
15 CLOCK HRS

✳ Applies to CMC AA/AS degree   🔒 Colorado State Guaranteed Transfer Course   NOTE: Not all courses are offered at every campus each term.

ECE-163 – FACILITATING FUNCTIONAL SKILLS FOR COMMUNICATION 2.0 CR

Focuses on recognizing and identifying normal patterns of speech development. Enables students to develop skills in facilitating growth and development by creatively implementing various techniques and/or use of equipment in order to enhance the optimum growth and development of the child.
Prev. Course Codes: (ECP-270LA) (ECE-040) (EEC-040) (EEC-247LA) 30 CLOCK HRS

ECE-175 – SPECIAL TOPICS 1.0–6.0 CR

Provides students with a vehicle to pursue special topics of interest. The content of this course is designed on an as needed basis to provide current, up-to-date information.

ECE-188 – PRACTICUM: EARLY CHILDHOOD EDUCATION 3.0 CR

Provides students with field experience in early childhood programs.
Prev. Course Codes: (ECP-130C) 135 CLOCK HRS

ECE-205 – NUTRITION, HEALTH, AND SAFETY 3.0 CR

Focuses on nutrition, health and safety as key factors for optimal growth and development of young children. Includes nutrient knowledge, menu planning, food program participation, health practices, management and safety, appropriate activities and communication with families. Addresses ages from prenatal through age 8.
Prev. Course Codes: (ECP-205) (ECE-205) 45 CLOCK HRS

ECE-220 – CURRICULUM DEVELOPMENT: METHODS & TECHNIQUES 3.0 CR

Provides an overview of early childhood curriculum development. Includes processes for planning and implementing developmentally appropriate environments, materials and experiences, and quality in early childhood programs.
Prev. Course Codes: (ECP-227) (ECE-015) (EEC-015) (EEC-120) 45 CLOCK HRS

ECE-225 – LANGUAGE AND COGNITION FOR THE YOUNG CHILD 3.0 CR
PREREQUISITE: PSY-238; Min. grade C-;
Examines theories of cognitive and language development as a framework for conceptualizing the way children acquire thinking skills. Includes observing, planning, facilitating, creative representation, and evaluating strategies within the context of play. Focuses on language, science, math, problem solving, and logical thinking. Addresses ages birth through age 8.
Prev. Course Codes: (ECP-116) 45 CLOCK HRS

✽ ECE-226 – CREATIVITY AND THE YOUNG CHILD 3.0 CR

Provides an emphasis on encouraging and supporting creative self expression and problem solving skills in children. Explores creative learning theories and research. Focuses on developmentally appropriate curriculum strategies in all developmental domains. Addresses ages birth through age 8.
Prev. Course Codes: (ECP-115) (ECE-115) 45 CLOCK HRS

ECE-238 – CHILD GROWTH AND DEVELOPMENT 4.0 CR
PREREQUISITE: College-Level Reading;
Covers the growth and development of the child from conception through the elementary school years. Emphasizes physical, cognitive, language, social, and emotional domains and the concept of the whole child and how adults can provide a supportive environment. Ages addressed: pre-natal through age 12. This course has an early childhood laboratory component.
75 CLOCK HRS

ECE-240 – ADMINISTRATION OF EARLY CHILDHOOD CARE AND EDUCATION PROGRAMS 3.0 CR

Examines Colorado's minimal licensing requirements, as well as optimal standards pertaining to the operation of programs for young children. Focuses on the director's administrative skills and role as a community advocate for young children. Addresses ages birth through age 12.
Prev. Course Codes: (ECP-226) (ECE-226) (ECE-216) (EEC-022) (ECC-132) 45 CLOCK HRS

ECE-241 – ADMINISTRATION: HUMAN RELATIONS FOR EARLY CHILDHOOD EDUCATION 3.0 CR

Focuses on the human relations component of an early childhood professional's responsibilities. Includes director-staff relationships, staff development, leadership strategies, parent-professional partnerships, and community interaction.
Prev. Course Codes: (ECP-216) (ECE-216) (ECE-020) (EEC-020) (EEC-131) 45 CLOCK HRS

ECE-260 – EXCEPTIONAL CHILD 3.0 CR

Presents an overview of typical and atypical developmental progression. Includes planning techniques, learning strategies, legal requirements, and accommodations and adaptations that are necessary in order to create an integrated classroom environment for a child with a wide range of exceptionalities. Focuses on ages birth through age 8.
Prev. Course Codes: (ECP-287) 45 CLOCK HRS

ECE-275 – SPECIAL TOPICS 1.0–6.0 CR

Provides students with a vehicle to pursue special topics of interest. The content of this course is designed on an as needed basis to provide current, up-to-date information.

Economics

🔒 ECO-201 – PRINCIPLES OF MACROECONOMICS 3.0 CR
PREREQUISITE: College-Level Reading;
Studies the American economy, stressing the interrelationships among the household, business, and government sectors. Explores saving and investment decisions, unemployment, inflation, national income accounting, taxing and spending policies, the limits of the market and government, public choice theory, the Federal Reserve System, money and banking, and international trade.
45 CLOCK HRS

🔒 ECO-202 – PRINCIPLES OF MICROECONOMICS 3.0 CR
PREREQUISITE: College-Level Reading;
Focuses on the consumer, the firm, the nature of cost, and how these relate to the economy as a whole. Analyzes economic models of the consumer, perfect competition, monopoly, oligopoly, and monopolistic competition. Explores economic issues including market power, population growth, positive and negative externalities, income distribution, poverty and welfare, discrimination, and international economic interdependence.
45 CLOCK HRS

✽ ECO-245 – ENVIRONMENTAL ECONOMICS 3.0 CR
PREREQUISITE: College-Level Reading;
Introduces students to comtemporary environmental issues and policies meant to reduce environmental degradation. Includes market failures, analytical tools, government pollution reduction policies for air, water, and natural environments and their effectiveness.
Prev. Course Codes: (NRM-140) 45 CLOCK HRS

Education

✽ EDU-131 – INTRODUCTION TO ADULT EDUCATION 3.0 CR
PREREQUISITE: College-Level Reading;
Introduces the student to the basic concepts in the instruction of adults. Emphasis will be placed on understanding the adult learner and how their individual backgrounds and experiences can affect the learning process. Aditionally, the course will cover applicable federal and state legislation which affects adult learning programs and will offer information on additional resources and associations in the field of Adult Education.
45 CLOCK HRS

✽ EDU-132 – PLANNING, ORGANIZING, & DELIVERING ADULT EDUCATION INSTRUCTION 3.0 CR
PREREQUISITE: EDU-131; Min. grade C-;
Covers the basics of planning an adult education program, organizing instruction within the various content areas, and delivering the material in a variety of ways, both in groups and individualized instruction. A wide variety of learning principles and theories will be addressed in ways that show their applicability to the adult learner and his/her education.
45 CLOCK HRS

✽ EDU-133 – ADULT BASIC EDUCATION/ADULT SECONDARY EDUCATION 3.0 CR
PREREQUISITE: EDU-132; Min. grade C-;
Covers topics to specifically address different levels within an adult education program. Each level will be addressed in terms of appropriate assessment tools and instructional techniques. Emphasis will be placed on teaching ways that the adult education instructor can encourage the development of cognitive skills at each level, as a springboard to the next higher level.
45 CLOCK HRS

✽ EDU-134 – TEACHING ENGLISH AS A SECOND LANGUAGE TO ADULT LEARNERS 3.0 CR
PREREQUISITE: EDU-131; Min. grade C-;
Introduces the development and implementation of a program to teach English to adults whose first language is not English. Topics will range widely from assessment and placement, to the theories behind language acquisition. Students will also cover a wide variety of methodologies, both group and individualized, that are aimed at teaching the non-English speaker the written and verbal skills necessary to successfully function in the United States.
45 CLOCK HRS

✽ EDU-135 – FAMILY LITERACY IN ADULT EDUCATION 3.0 CR
PREREQUISITE: EDU-131; Min. grade C-;
Introduces the student to the philosophy and theory behind family literacy, as well as giving practical advice on the development and implementation of a family literacy program. The four-component model of adult education, early childhood education, parent and child together time (PACT), and parenting will be covered, both in theory and practical application.
45 CLOCK HRS

EDU-175 – SPECIAL TOPICS 1.0–6.0 CR
PREREQUISITE:
Provides students with a vehicle to pursue special topics of interest. The content of this course is designed on an as needed basis to provide current, up-to-date information.

Courses

EDU

✱ EDU-221 – INTRODUCTION TO EDUCATION   **3.0 CR**
PREREQUISITE: College-Level Reading;
Focuses on the historical, social, political, philosophical, cultural, and economic forces that shape the United States public school system. Includes current issues of educational reform, technology as it relates to education, and considerations related to becoming a teacher in the State of Colorado.
Prev. Course Codes: (EDU-110) (EDU-151)
55 CLOCK HRS

✱ EDU-222 – EFFECTIVE TEACHING   **1.0 CR**
PREREQUISITE: College-Level Reading;
This course focuses on strategies for becoming an effective teacher. Topics included are: course goals and objectives, the first day, planning a lesson, higher levels of thought, test design and grading, assessment, and teaching and learning styles.
Prev. Course Codes: (EDU-270ET) 15 CLOCK HRS

EDU-225 – EFFECTIVE TEACHING   **2.0 CR**
PREREQUISITE: College-Level Reading;
This course focuses on strategies for becoming an effective teacher at Colorado Mountain College. Topics included are: using Web-based resources; learning styles; characteristics of adult and diverse learners; higher levels of thinking; writing course goals, objectives, and lesson plans; NCA outcomes; syllabus format; first-day activities; teaching strategies and lesson plans; accountability and assessment(s).
Prev. Course Codes: (EDU-270ET) 45 CLOCK HRS

✱ EDU-234 – MULTICULTURAL EDUCATION   **3.0 CR**
Focuses on the need to recognize and understand the similarities and differences among people and develop a respect for all individuals and groups. Assists teachers to recognize the special learning needs of children from different racial, ethnic, cultural and socioeconomics groups and to encourage teachers to integrate multicultural/diversity teaching into the school curriculum.
Prev. Course Codes: (EDU-235) 45 CLOCK HRS

✱ EDU-240 – TEACHING THE EXCEPTIONAL LEARNER 3.0 CR
PREREQUISITE: College-Level Reading;
Focuses on the individual differences and modifications that are necessary in the educational practices of the exceptional learner. Incorporates an additional 10 hour 0 credit, pre professional, supervised field based experience. Together with this experience, a portfolio and field experience reflective journal is required of all students.
Prev. Course Codes: (EDU-220) (EDU-254)
45 CLOCK HRS

✱ EDU-242 – EXPRESSIVE ARTS IN THE ELEMENTARY CLASSROOM   **3.0 CR**
PREREQUISITE: College-Level Reading;
Explores the integration of visual arts, music, and physical education/movement into the self contained elementary classroom curriculum based upon the theory of multiple intelligences. Familiarizes the student with the Colorado model content standards for each area, basic curriculum development, and the opportunities to practice their skills with students through field experiences.
Prev. Course Codes: (EDU-270TA) 45 CLOCK HRS

EDU-275 – SPECIAL TOPICS   **1.0-6.0 CR**
Provides students with a vehicle to pursue special topics of interest. The content of this course is designed on an as needed basis to provide current, up-to-date information.

EDU

EDU-280 – INTERNSHIP   **1.0-6.0 CR**
Provides students with the opportunity to supplement coursework with practical work experience related to their educational program. Students work under the immediate supervision of experienced personnel at the educational facility and with the direct guidance of the instructor.
45 CLOCK HRS

Engineering

✱ EGG-130 – INTRODUCTION TO ENGINEERING COMPUTING   **3.0 CR**
CO-REQUISITES: MAT-201;
Introduces the use of computers in engineering problem solving and elementary numerical methods. Students learn programming fundamentals including data and algorithm structure, and modular programming. Numerical methods learned include solving single, nonlinear equations, fixed-point iteration, Gaussian elimination, and linear progression. Software includes Excel/VBA, MathCAD, and Matlab.
45 CLOCK HRS

✱ EGG-140 – FIRST-YEAR ENGINEERING PROJECTS 3.0 CR
Provides undergraduate engineering students with an opportunity to apply mathematical and scientific skills in engineering projects. Students work in teams on engineering projects under guidance of faculty.
67.5 CLOCK HRS

✱ EGG-206 – MECHANICS OF SOLIDS   **3.0 CR**
PREREQUISITE: EGG-211; Min. grade C-;
Covers shear forces and bending moment, torsion, stresses in beams, deflection in beams, matrix analysis of frame structures, analysis of stress and strain in 2-D and 3-D (field equations, transformations), energy methods, stress concentrations, and columns.
45 CLOCK HRS

✱ EGG-211 – ENGINEERING MECHANICS I - STATICS 3.0 CR
PREREQUISITE: MAT-201 MAT-202 PHY-211; Min. grade C-;
Focuses on the vector and calculus treatment of forces and force systems. Covers concurrent and noncurrent force systems. Includes calculating moments of friction, trusses, centroids, and moments of inertia.
45 CLOCK HRS

✱ EGG-212 – ENGINEERINGR MECHANICS II DYNAMICS   **3.0 CR**
CO-REQUISITES: MAT-202;
PREREQUISITE: MAT-201; Min. grade C-;
Focuses on Vector and calculus treatment of the dynamics of particles and rigid bodies using Newton's Laws. Includes work-energy impulse momentum, and free and forced oscillations.
45 CLOCK HRS

✱ EGG-230 – THERMODYNAMICS   **3.0 CR**
PREREQUISITE: PHY-212; Min. grade C-;
Explores fundamental concepts and basic theory, including first and second laws of thermodynamics, properties, states, thermodynamic functions, cycles, mixtures, and chemical and phase equilibrium.
45 CLOCK HRS

Electricity / Electronics

ELC-110 – BASIC ELECTRICITY   **1.0 CR**
This beginning course introduces the fundamental concepts of electricity, devices, circuits, and materials.
Prev. Course Codes: (ELC-016) (ELC-117)
19.5 CLOCK HRS

ELC-111 – BASIC ELECTRICITY II   **2.0 CR**
PREREQUISITE: ELC-110(757); Min. grade C-;
This course introduces the electrician's apprentice to the in-depth concepts of electricity, devices, circuits and materials.
40 CLOCK HRS

ELC-121 – ELECTRICITY & WIRING I   **5.0 CR**
This course is an introduction to electricity and wiring. Safety; first aid and CPR; hand tools; electrical symbols, outlets and currents; conductors; wiring; basic, series, and parallel circuits; ground fault; lighting fixtures; Ohms Law; and wiring bedrooms, bathrooms, hallways, entryways, and kitchens are covered.
72 CLOCK HRS

ELC-122 – ELECTRICITY & WIRING II   **5.0 CR**
PREREQUISITE: ELC-121(373); Min. grade C-;
This course introduces series-parallel circuits; proportionality; Kirchhoff's Laws; circuit efficiency; water pumps and heaters; kitchen outlets; heating systems; low voltage signal systems; lamp identification and low voltage lighting; fire alarm and security systems; remote control systems; knots and rigging; pipe bending; service equipment; and swimming pools, spas, and hot tubs.
72 CLOCK HRS

ELC-161 – ELECTRICITY & WIRING III   **5.0 CR**
PREREQUISITE: ELC-122(374); Min. grade C-;
This course introduces AC electricity, inductance and transformer theory, capacitance, series AC circuits, AC power and resonance, three-phase AC, meters, generators, DC and AC motors, and transformers. First aid and CPR are reviewed.
72 CLOCK HRS

ELC-162 – ELECTRICITY AND WIRING IV   **5.0 CR**
PREREQUISITE: ELC-161; Min. grade C-;
General wiring; service and feeder calculations; grounding, bonding and over current protection; installation of wiring in various locations; and motors and transformers are covered in this course.
72 CLOCK HRS

ELC-221 – ELECTRICITY AND WIRING V   **5.0 CR**
PREREQUISITE: ELC-162; Min. grade C-;
This course provides a review of motors and three-phase systems and introduces transformers and harmonics; blueprint reading; designing electrical systems for wiring methods, equipment design, motors and motor control, air conditioning and refrigeration, and transformers; grounding equipment and conductors; and fault currents.
72 CLOCK HRS

ELC-222 – ELECTRICITY AND WIRING VI   **5.0 CR**
PREREQUISITE: ELC-221; Min. grade C-;
This course provides instruction in motor controls; logic and line diagrams; contactors, starters and solenoids; delay and complex line diagrams; control devices; reversing circuits; power distribution systems; hazardous locations and fireproofing; signs and sign connections; and basic fiber optics.
72 CLOCK HRS

ELC-261 – ELECTRICITY & WIRING VII   **5.0 CR**
PREREQUISITE: ELC-222; Min. grade C-;
This course builds on previous coursework and requires students to interpret and apply NEC requirements. Solid state devices, electromechanical and solid state relays, photoelectric and proximity controls, programmable controllers, reduced voltage

✱ Applies to CMC AA/AS degree   🔒 Colorado State Guaranteed Transfer Course   NOTE: Not all courses are offered at every campus each term.

starters, techniques used in motor speed control, and troubleshooting circuits are covered.
72 CLOCK HRS

ELC-262 - ELECTRICITY & WIRING VIII   5.0 CR
PREREQUISITE: ELC-261; Min. grade C-;
This course covers fire alarm systems, analyzing and interpreting National and Local Code requirements, and preparation for the Journeyman's exam.
Prev. Course Codes: (ELC-222) 72 CLOCK HRS

Emergency Medical Services

EMS-115 - FIRST RESPONDER   3.0 CR
Provides the student with core knowledge and skills to function in the capacity of a first responder arriving at the scene of an emergency, providing supportive care until advanced EMS help arrives.
Prev. Course Codes: (HWE-130) (HWE-140) (EFA-140) (EFA-040) (EFA-141) 67.5 CLOCK HRS

EMS-116 - FIRST RESPONDER REFRESHER   2.0 CR
Provides the First Responder student with needed updates and review materials to renew and maintain the First Responder certificate.
Prev. Course Codes: (HWE-127) (HWE-128)
30 CLOCK HRS

EMS-125 - EMT BASIC   9.0 CR
CO-REQUISITES: EMS-170;
Enables the student after successful completion of this course to take the EMT Certification Examination subject to the requirements of the Colorado Department of Health and Environment. Includes written and practical examinations. You must be at least 18 years old on the first day of class to take this course.
Prev. Course Codes: (EMS-110) (EMT-110) (EMT-011) (EMT-140B) 146 CLOCK HRS

EMS-126 - EMT BASIC REFRESHER   3.0 CR
Provides required didactic and skills review for renewing EMT students. Accommodates the needs of the re-entry EMT students.
Prev. Course Codes: (EMS-115) (EMT-115) (EMT-015) (EMT-145B) 45 CLOCK HRS

EMS-130 - EMT INTRAVENOUS THERAPY   1.0 CR
Focuses on cognitive and skill practice as required by Colorado Prehospital Care Program for EMT Basic Level IV approval. Examines criteria, procedures and techniques for ICV therapy, discusses fluid and electrolyte balance and principles, and treatment for shock.
Prev. Course Codes: (EMS-136) (EMT-136) (EMT-030) (EMT-146A) 22.5 CLOCK HRS

EMS-162 - WILDERNESS EMT - UPGRADE   4.0 CR
Designed for currently certified EMT - Basics, Paramedics, and RN's who want to enhance their assessment and treatment skills in a remote, challenging environment. This course is part of a wilderness EMS program and builds on the American Safety and Health Institute's (ASHI) Wilderness EMT upgrade course focusing on wilderness concepts and skills with many role-playing scenarios. Students will receive ASHI Wilderness Upgrade certification. Proof of current license or certification as an EMT-B, EMT-P, or RN is required.
90 CLOCK HRS

EMS-170 - EMT BASIC CLINICAL   1.0 CR
CO-REQUISITES: EMS-125;
Provides the EMT student with the clinical experience required of initial and some renewal processes. You must be at least 18 years old on the first day of class to take this course.
30 CLOCK HRS

EMS-203 - EMT INTERMEDIATE I   6.0 CR
Course provides preparatory information and is the first part of the EMT intermediate program.
Prev. Course Codes: (EMS-122A) (EMT-122A) 144 CLOCK HRS

EMS-205 - EMT INTERMEDIATE II   6.0 CR
PREREQUISITE: EMS-203; Min. grade C-;
Serves as the second course for EMT intermediate certification.
Prev. Course Codes: (EMS-122B) (EMT-122B) 144 CLOCK HRS

EMS-206 - EMT INTERMEDIATE REFRESHER   3.0 CR
Meets or exceeds minimum requirements for renewing EMT intermediate or EMT intermediates in the re-entry program.
Prev. Course Codes: (EMS-125) (EMT-125) (EMT-021) 67.5 CLOCK HRS

EMS-225 - FUNDAMENTALS OF PARAMEDIC PRACTICE 3.0 CR
PREREQUISITE: EMS-125 or EMS-205; Min. grade C-;
Serves as the first course of the National Standard Paramedic Curriculum as approved by the Colorado State Department of Health and Environment.
Prev. Course Codes: (EMS-221) (EMT-221) 45 CLOCK HRS

EMS-226 - FUNDAMENTALS PARAMEDIC PRACTICE LAB   2.0 CR
CO-REQUISITES: EMS-225;
Serves as the lab experience to coincide with EMS-225 topics.
Prev. Course Codes: (EMS-221) 45 CLOCK HRS

EMS-227 - PARAMEDIC SPECIAL CONSIDERATIONS   3.0 CR
Focuses on a comprehensive study of advanced life support practice.
Prev. Course Codes: (EMS-221) 45 CLOCK HRS

EMS-228 - PARAMEDIC SPECIAL CONSIDERATIONS LAB   2.0 CR
CO-REQUISITES: EMS-227;
Serves as the lab experience for those students enrolled in EMS-227.
Prev. Course Codes: (EMS-221) 45 CLOCK HRS

EMS-229 - PARAMEDIC PHARMACOLOGY   3.0 CR
Focuses on a comprehensive study of emergency pharmacology.
Prev. Course Codes: (EMS-221) 45 CLOCK HRS

EMS-230 - PARAMEDIC PHARMACOLOGY LAB   2.0 CR
Serves as the required lab course in the paramedic education program.
Prev. Course Codes: (EMS-221) 45 CLOCK HRS

EMS-231 - PARAMEDIC CARDIOLOGY   5.0 CR
Addresses cardiology topics as presented in the National Standard Curriculum for Paramedics.
Prev. Course Codes: (EMS-222) (EMT-222) 75 CLOCK HRS

EMS-232 - PARAMEDIC CARDIOLOGY LAB   1.0 CR
Incorporates a hands-on application of principles of cardiac care in the hospital environment.
Prev. Course Codes: (EMS-222) 22.5 CLOCK HRS

EMS-233 - PARAMEDIC MEDICAL EMERGENCIES   4.0 CR
Focuses on a comprehensive study of adult medical emergencies.
Prev. Course Codes: (EMS-222) 60 CLOCK HRS

EMS-234 - PARAMEDIC MEDICAL EMERGENCIES LAB   1.0 CR
Focuses on a clinical study of adult and pediatric medical emergencies.
Prev. Course Codes: (EMS-222) 22.5 CLOCK HRS

EMS-235 - PARAMEDIC TRAUMA EMERGENCIES   4.0 CR
Focuses on a comprehensive study of adult and pediatric trauma emergencies.
Prev. Course Codes: (EMS-222) 60 CLOCK HRS

EMS-236 - PARAMEDIC TRAUMA EMERGENCIES LAB   1.0 CR
Serves as a lab presenting various acute trauma scenarios.
Prev. Course Codes: (EMS-222) 22.5 CLOCK HRS

EMS-237 - PARAMEDIC INTERNSHIP PREPARATORY   2.0 CR
reviews concepts and techniques used in the pre-hospital setting. Note: Registration requires acceptance to paramedic program.
230 CLOCK HRS

EMS-270 - CLINICAL: EMS INTERMEDIATE   3.0 CR
CO-REQUISITES: EMS-205;
PREREQUISITE: EMS-203; Min. grade C-;
Provides the EMT-I student with the required field experiences as required by the Colorado Department of Health.
90 CLOCK HRS

EMS-280 - PARAMEDIC INTERNSHIP I   6.0 CR
Serves as a preceptor/internship program for paramedic students.
315 CLOCK HRS

EMS-281 - PARAMEDIC INTERNSHIP II   6.0 CR
Serves as the continuation of EMS-240, preceptor program for paramedic students.
315 CLOCK HRS

English Communications

ENG-030 - BASIC WRITING SKILLS   2.0 CR
Focuses on sentence and basic paragraph structure and development. Enables the student to review and improve grammar, usage, and punctuation skills while employing critical thinking strategies and the writing process to respond to a wide variety of writing situations.
30 CLOCK HRS

ENG-060 - WRITING FUNDAMENTALS   3.0 CR
PREREQUISITE: Take ENG-030; Min. grade C-; or placement test;
Focuses on paragraph structure and development and will introduce the formal essay. Students will review and improve grammar, usage, and punctuation skills while employing critical thinking strategies and the writing process to respond to a wide variety of writing situations.
45 CLOCK HRS

ENG-090 - BASIC COMPOSITION   3.0 CR
PREREQUISITE: Take ENG-060; Min. grade C-; or placement test;
Emphasizes critical thinking as students explore writing for specific purposes and audiences. Students will develop skills required for college-level writing while reviewing paragraph structure and focusing on essay development.
45 CLOCK HRS

Courses

ENG

✳ Applies to CMC AA/AS degree | 🔒 Colorado State Guaranteed Transfer Course | NOTE: Not all courses are offered at every campus each term. | **125.**

ENG-115 – TECHNICAL ENGLISH & COMMUNICATION   3.0 CR
PREREQUISITE: ENG-060; Min. grade C-;
Focuses on the written and oral communication needs of students in vocational and technical fields. Enables the student to practice written, oral, reading, reasoning, and interpersonal communication skills in order to become successful (or remain successful) in the workplace.
45 CLOCK HRS

🔒 ENG-121 – ENGLISH COMPOSITION I   3.0 CR
PREREQUISITE: Take ENG-090; Min. grade C-; or placement test; Requires college-level reading;
This course emphasizes the planning, writing, and revising of compositions, including the development of critical and logical thinking skills. Includes a minimum of five compositions that stress analytical, evaluative, and persuasive/argumentative writing. Note: Requires college-level composition and reading.
Prev. Course Codes: (COM-151) 45 CLOCK HRS

🔒 ENG-122 – ENGLISH COMPOSITION II   3.0 CR
PREREQUISITE: ENG-121; Min. grade C-;
Expands and refines the objectives of English Composition I. Emphasizes critical/logical thinking and reading, problem definition, research strategies, and writing analytical, evaluative, and/or persuasive papers that incorporate research.
Prev. Course Codes: (COM-152) 45 CLOCK HRS

✱ ENG-131 – TECHNICAL WRITING I   3.0 CR
PREREQUISITE: Take ENG-090; Min. grade C-; or placement test;
This course develops skills one can apply to a variety of technical documents. Students learn principles for organizing, writing, and revising clear, readable documents for industry, business, and government. Note: Requires college level composition.
Prev. Course Codes: (ENG-125) (COM-153) 45 CLOCK HRS

ENG-175 – SPECIAL TOPICS   1.0-6.0 CR
Provides students with a vehicle to pursue in-depth exploration of special topics of interest.

✱ ENG-221 – CREATIVE WRITING I   3.0 CR
PREREQUISITE: ENG-121; Min. grade C-;
Teaches techniques for creative writing. Explores imaginative uses of language through creative genres (fiction, poetry, literary nonfiction) with emphasis on the student's own unique style, subject matter, and needs.
Prev. Course Codes: (COM-251) 45 CLOCK HRS

✱ ENG-222 – CREATIVE WRITING II   3.0 CR
PREREQUISITE: ENG-221; Min. grade C-;
This course continues development of written expression in such forms as poetry, fiction, and/or nonfiction writing.
Prev. Course Codes: (COM-252) 45 CLOCK HRS

✱ ENG-226 – FICTION WRITING   3.0 CR
PREREQUISITE: ENG-121; Min. grade C-;
This course teaches techniques for creating fiction, including the study and appreciation of the language and forms of the short story.
45 CLOCK HRS

✱ ENG-227 – POETRY WRITING   3.0 CR
PREREQUISITE: ENG-121; Min. grade C-;
Teaches techniques for creating poems, including study of figurative language, forms, and sound patterns of poetry.
Prev. Course Codes: (ENG-235) 45 CLOCK HRS

ENG

✱ ENG-230 – CREATIVE NONFICTION   3.0 CR
Teaches students to incorporate literary techniques into factual writing. Enables the student to survey a wide range of readings and analyze form and content. Includes critical review, biographical profiles, travel writing, and memoirs. Provides the opportunity for students to write and review their own nonfiction in a supportive, constructive setting.
45 CLOCK HRS

Engineering Technology

ENT-141 – SURVEYING I   4.0 CR
Serves as a beginning course in plane surveying. It covers horizontal distance measurement by pacing and chaining, care and use of total stations, theodolites, transits and levels, differential leveling, traversing, and basic construction surveying. Various instruction is given in procedures and surveying terminology. Calculation of bearings, azimuths and slope reduction is also covered in this comprehensive course.
Prev. Course Codes: (SUR-115) (SUR-035) 97.5 CLOCK HRS

Equine Management

EQM-210 – EQUINE HEALTH   1.0 CR
Assists students in planning annual equine health programs. Introduces students to methods of prevention, recognition, and treatment of common equine diseases.
Prev. Course Codes: (EQS-115) (EQS-015) (EQS-135) 15 CLOCK HRS

Fine Woodworking

FIW-175 – SPECIAL TOPICS   1.0-6.0 CR
Assists students who are interested in individual topics within the normal curriculum. The student identifies and selects objectives that he/she needs for industry upgrades or special training to enter the workforce. The student may explore current topics, issues, or activities related to one or more aspects of the Fine Woodworking industry.

French

FRE-101 – CONVERSATIONAL FRENCH I   3.0 CR
Introduces beginning students to conversational French and focuses on understanding and speaking French. Covers basic vocabulary, grammar, and expressions that are used in daily situations and in travel.
Prev. Course Codes: (FRE-101A) (FRE-101) (FRE-035) (FRE-135) 45 CLOCK HRS

FRE-102 – CONVERSATIONAL FRENCH II   3.0 CR
PREREQUISITE: FRE-101(392); Min. grade C-;
Continues the sequence for beginning students who wish to understand and speak French. Covers basic conversational patterns, expressions, and grammar.
Prev. Course Codes: (FRE-102A) (FRE-102) (FRE-036) (FRE-136) 45 CLOCK HRS

✱ FRE-111 – FRENCH LANGUAGE I   5.0 CR
PREREQUISITE: College-Level Reading;
Begins a sequence dealing with the development of functional proficiency in listening, speaking, reading and writing the French language. Note: The order of the topics and methodology will vary according to individual texts and instructors.
Prev. Course Codes: (FRE-151) 75 CLOCK HRS

✱ FRE-112 – FRENCH LANGUAGE II   5.0 CR
PREREQUISITE: FRE-111; Min. grade C-;
Continues French I in the development of functional proficiency in listening, speaking, reading and writing the French language. Note: The order of the topics and the methodology will vary according to individual texts and instructors.
Prev. Course Codes: (FRE-152) 75 CLOCK HRS

🔒 FRE-211 – FRENCH LANGUAGE III   3.0 CR
PREREQUISITE: FRE-112; Min. grade C-;
Continues French I and II in the development of increased functional proficiency in listening, speaking, reading, and writing the French language. Note: The order of the topics and the methodology will vary according to individual texts and instructors.
Prev. Course Codes: (FRE-251) 45 CLOCK HRS

✱ FRE-212 – FRENCH LANGUAGE IV   3.0 CR
PREREQUISITE: FRE-211; Min. grade C-;
Continues French I, II and III in the development of increased functional proficiency in listening, speaking, reading, and writing the French language. Note: The order of the topics and the methodology will vary according to individual texts and instructors.
Prev. Course Codes: (FRE-252) 45 CLOCK HRS

FRE-275 – SPECIAL TOPICS   1.0-3.0 CR
Provides students with a vehicle to pursue in-depth exploration of special topics of interest.

Fire Science

FST-100 – FIREFIGHTER I   9.0 CR
Addresses the requirements necessary to perform at the first level of progression as identified in National Fire Protection Association (NFPA) 1001, Firefighter Professional Qualifications. This is a lecture and lab course for meeting the NFPA 1001, Level I, standard using IFSTA Essentials. Prospective students for FST-100 must pass the Colorado Mountain College Fire Science Physical Ability Test, or provide proof of having passed a comparable test within the last twelve months before being accepted into the course. Details of the test are available from the college.
202.5 CLOCK HRS

FST-101 – FIRE FIGHTER II   3.0 CR
PREREQUISITE: FST-100(399); Min. grade C-;
Addresses the requirements necessary to perform at the second level of progression as identified in NFPA 1001, level II Fire Fighter Professional Qualifications.
Prev. Course Codes: (FFS-112) 45 CLOCK HRS

FST-102 – INTRODUCTION TO FIRE SCIENCE AND SUPPRESSION   3.0 CR
Introduces the fire service organization and operation from past to present operations. Includes operation and organization of federal, state, local and private protection forces. Emphasizes extinguishing methods and equipment, special extinguishing agents, and special hazard considerations. Serves as a prerequisite for students having no previous fire suppression training or experience.
Prev. Course Codes: (FSC-110) (FSC-010) (FSC-115) 45 CLOCK HRS

FST-103 - FIREFIGHTER OCCUPATIONAL HEALTH & SAFETY 3.0 CR
Focuses on on-scene and on-the-job firefighter health, safety and fitness, the safety officer, mental well-being, stress management, and standards related to health, safety, and fitness.
45 CLOCK HRS

FST-104 - FIRE PROTECTION SYSTEMS 3.0 CR
Addresses principles and functions involved in the installation and use of sprinkler systems, special suppression systems, and fire detection and alarm systems. Covers portable fire extinguishing equipment requirements, sprinkler systems, installation, inspection and maintenance, special protection systems, and residential sprinklers.
Prev. Course Codes: (FSC-240) (FSC-035) (FSC-215) (FSV-111) 45 CLOCK HRS

FST-105 - BUILDING PLANS & CONSTRUCTION 3.0 CR
Covers various methods of building construction, the materials used in building construction, and their relationship to methods of fire attack and extinguishment. Includes types of building construction, principles of fire resistance, flame spread, smoke and fire containment, basic knowledge of plan review, and blueprint specifications.
Prev. Course Codes: (FSC-260) (FSC-039) (FFS-035) (FSC-247BC) (FSC-116) 45 CLOCK HRS

FST-106 - FIRE INSPECTION PRACTICES 3.0 CR
Introduces the organization of the fire prevention agency; inspections, surveying, mapping and company inspections; recognition of fire hazards; engineering a solution to the hazard, enforcement of the solution; and public relations as affected by fire prevention. Fire Inspector I State Certificate available.
Prev. Course Codes: (FSC-116) (FSC-016) (FSC-119) (FSC-110) 45 CLOCK HRS

FST-107 - HAZARDOUS MATERIALS AND OPERATIONS (LEVEL I) 3.0 CR
Introduces hazardous materials incidents, recognizing and identifying hazardous materials, planning response, implementing response procedures, decision making, and continued evaluation at the awareness and operation level.
Prev. Course Codes: (FSC-215) (FSC-060) (FSC-212) (FSC-211) 45 CLOCK HRS

FST-151 - DRIVER OPERATOR 3.0 CR
Provides the student with the basic knowledge and skills to safely operate fire apparatus according to the NFPA professional standard. Enables the student to display and demonstrate knowledge of fire apparatus, operation of apparatus, pumps and pumping, hydraulics calculations, maintenance and testing.
45 CLOCK HRS

FST-152 - WILDLAND FIREFIGHTING 3.0 CR
Introduces a basic understanding of wildland fire and the strategies and tactics involved during suppression operations. Includes fire line safety, emphasizing the wildland fire orders and watch out situations. Students receive training qualifying them as Certified Wildland Firefighters under the Incident Command System, recognized by the National Wildfire Coordinating Group. Covers fire behavior, fire weather, fuel types, safety equipment and guidelines, incident size up, determining resource needs, aircraft identification and capabilities, direct vs. indirect attach, burn-out, backfiring, and map reading.
Prev. Course Codes: (FSC-170) (FSC-046) (FSC-131) (FSC-125) 45 CLOCK HRS

FST-175 - SPECIAL TOPICS 1.0-6.0 CR
Offers foundational (100 level) and advanced (200 level) classes in the fire service field that do not fall under the standard curriculum. Includes seminar classes or prior learning credit portfolio classes that apply to fire electives. Includes National Fire Academy courses, NFPA courses, and local seminars and other professional courses and certifications.

FST-201 - INSTRUCTIONAL METHODOLOGY (FIRE INSTRUCTOR I, II) 3.0 CR
PREREQUISITE: FST-102 FST-105(406); Min. grade C-;
Students will study the role and responsibility of the fire service instructor. Competencies covered are oral communication skills, concepts of learning, planning and development of lesson plans, instructional materials and delivery methods, testing and evaluations, records and reports, and demonstration of instructional abilities. Fire Instructor I State Certificate is available.
45 CLOCK HRS

FST-202 - FIREFIGHTING STRATEGY AND TACTICS 3.0 CR
PREREQUISITE: FST-102; Min. grade C-;
Firefighting strategy and tactics, methods of fire attack, fire behavior, building construction, and pre-fire planning.
Prev. Course Codes: (FSC-175) (FSC-045) (FSC-132) (FSC-117) 45 CLOCK HRS

FST-203 - FIRE SCIENCE HYDRAULICS 3.0 CR
PREREQUISITE: MAT-107; Min. grade C-;
Covers hydraulic calculations that are necessary in water delivery and supply for fire suppression, hydraulic laws and formulas as applied to fire protection requirements, and fire apparatus UL requirements.
Prev. Course Codes: (FSC-220) (FSC-065) (FSC-213) (FSC-214) 45 CLOCK HRS

FST-204 - FIRE CODES & ORDINANCES 3.0 CR
PREREQUISITE: FST-102; Min. grade C-;
This course provides familiarization and interpretation of national, state and local codes, ordinances and laws which influence the field of fire prevention. Students will study, review, and refer to fire and life safety codes throughout the course.
Prev. Course Codes: (FSC-245) (FSC-070) (FSC-216) (FSC-112) 45 CLOCK HRS

FST-205 - FIRE CAUSE DETERMINATION 3.0 CR
PREREQUISITE: FST-102; Min. grade C-;
This course introduces the student to the proper method(s) of conducting basic fire investigation, determining area and point of origin, cause and methods of fire spread, recognition and preservation of evidence, arson law, Constitutional law, interviewing, court procedures, and testimony.
Prev. Course Codes: (FSC-235) (FSC-055) (FSC-210) (FSC-225) 45 CLOCK HRS

FST-206 - FIRE COMPANY SUPERVISION AND LEADERSHIP (FIRE OFFICER I) 3.0 CR
PREREQUISITE: ENG-121 FST-102; Min. grade C-;
Covers fire department organization, management philosophies, leadership traits, time management, group dynamics, communications, motivation counseling, conflict resolution, and employee discipline. Meets components of Fire Officer I State Certificate.
Prev. Course Codes: (FSC-160) (FSC-040) (FSC-126) (FSC-113) 45 CLOCK HRS

FST-254 - HAZARDOUS MATERIALS TECHNICIAN LEVEL 3.0 CR
PREREQUISITE: FST-107; Min. grade C-;
Focuses on techniques associated with hazardous materials mitigation, the use of monitoring devices, components of a mitigation team, and command and control of hazardous materials incidents.
45 CLOCK HRS

FST-260 - INTERMEDIATE FIRE BEHAVIOR 2.0 CR
Analyzes the effects of fuels, weather, topography, and fire behavior on the wildland fire environment. Acquaints prospective fire line supervisors in wildland fire behavior for effective and safe fire management operations.
30 CLOCK HRS

FST-261 - FIRE OPERATIONS IN THE URBAN INTERFACE 2.0 CR
Examines fireline personnel skills to anticipate and predict wildland fire behavior, weather, and rates of spread. This course was developed under the Interagency Curriculum established and coordinated by the National Wildfire Coordinating Group. Covers fire environment, fuels classification, topography and fire behavior, temperature-moisture relationship, fuel moisture, local and general winds, atmospheric stability and instability, keeping current with the weather, extreme fire behavior, fire behavior affecting fireline tactics, and fire behavior predictions.
45 CLOCK HRS

FST-266 - CREW BOSS 2.0 CR
PREREQUISITE: FST-260; Min. grade C-;
Meets the training needs of a Crew Boss on an incident. Includes preparation, mobilization, tactics and safety, off-line duties, demobilization, and post-incident responsibilities.
30 CLOCK HRS

FST-275 - SPECIAL TOPICS 1.0-4.0 CR
Provides students with a vehicle to pursue in-depth exploration of special topics of interest not previously offered. Inclues National Fire Academy courses, VFIS courses, NFPA certification courses or other special subject classes that do not fall under the standard FST curriculum.

Film and Video Technology

FVT-150 - DEVELOPMENT OF FILM EXPRESSION 3.0 CR
PREREQUISITE: College-Level Reading;
Examines the nature and structure of Film/Video expression, concentrating on the way directors, editors, and cinematographers use visual techniques to serve the narrative. Students watch films in their entirety, then analyze them for their lighting, composition, camera position, movement, lens, depth of field, use of screen space, and editing techniques.
45 CLOCK HRS

FVT-266 - FLASH, MOTION GRAPHICS FOR THE WEB 3.0 CR
Introduces Flash, how to prepare motion graphics for streaming on the Web. A practical, hands-on, software skills-based course.
45 CLOCK HRS

Courses

FVT

Golf Club Management

GCM-120 – GOLF MANAGEMENT I　　　3.0 CR
An overview of the history, opportunities, and responsibilities in the golf profession; PGA history, purpose, and constitution; interpersonal skills; ball flight laws, principles, and professional terminology; golf cart fleet management.
45 CLOCK HRS

GCM-150 – CONTEMPORARY CLUB MANAGEMENT　3.0 CR
This course introduces students to the world of private club management. There are chapters on club boards of directors, service excellence in clubs, leadership in club operations, quality management systems for clubs, strategic management in clubs, club marketing, managing human resources in clubs, food and beverage operations in clubs, club financial management, club computer systems, golf operations in clubs, and club fitness operations.
45 CLOCK HRS

GCM-160 – GOLF SHOP MANAGEMENT　　3.0 CR
PREREQUISITE: GCM-120; Min. grade C-;
The management, marketing, and accounting of the various types of golf retailing operations: private, public, and resort. Topics include the importance of and steps involved in business planning, financial forecasting, and budgeting.
45 CLOCK HRS

GCM-240 – TOURNAMENT OPERATIONS & THE RULES OF GOLF.　　3.0 CR
An in-depth study of the golf professional's responsibility in tournament operations including an in-depth study of the Rules of Golf and the decisions on the Rules of Golf.
45 CLOCK HRS

GCM-260 – CLUB FITTING & CLUB REPAIRS　3.0 CR
A foundation course covering the golf professional's ability to custom fit and merchandise equipment. The course includes a practicum in club fitting and a "hands-on" approach to club repair and the completion of the Professional Golf Management Level 1 and 2 Picture Book.
67.5 CLOCK HRS

GCM-287 – COOPERATIVE WORK EXPERIENCE　6.0 CR
Provides students an opportunity to gain practical experience in applying their occupational skills and/or to develop specific skills in a practical work setting. The instructor will work with the student to select an appropriate work site, establish learning objectives, and to coordinate learning activities with the employer or work site supervisor.
270 CLOCK HRS

GCM

Geography

⌂ GEO-105 – WORLD REGIONAL GEOGRAPHY　3.0 CR
PREREQUISITE: College-Level Reading;
Facilitates an understanding of spatial relationships between and among the geographic regions of the world. Includes demographic and cultural (political, economic, and historic) forces related to the physical environments of selected regions. Focuses on analysis of interrelationships between developed and developing regions and the interactions between human societies and natural environments.
45 CLOCK HRS

⌂ GEO-106 – HUMAN GEOGRAPHY　　3.0 CR
PREREQUISITE: College-Level Reading;
Introduces geographic perspectives and methods with applications to the study of human activities. Emphasizes the distribution of humans, adjustments to the natural environment, and land use practices.
45 CLOCK HRS

✳ GEO-112 – PHYSICAL GEOGRAPHY – WEATHER & CLIMATE　3.0 CR
PREREQUISITE: College-Level Reading;
Introduces the principles of meteorology, climatology, world vegetation patterns, and world regional climate classification.
Prev. Course Codes: (GEO-152) 45 CLOCK HRS

✳ GEO-120 – SNOW, ICE AND AVALANCHE　3.0 CR
PREREQUISITE: College-Level Reading;
The formation and reactions of snow, ice, and avalanche conditions will be introduced. Emphasis is on man's activities in Alpine, arctic, glacial, and semi-glacial regions. Hazard potential and avoidance will be stressed.
Prev. Course Codes: (GEO-120A) (GEO-115) 90 CLOCK HRS

✳ GEO-125 – GEOGRAPHY OF COLORADO　3.0 CR
PREREQUISITE: College-Level Reading;
A comprehensive survey of the geography of Colorado. Included are both physical and cultural aspects such as landforms, weather and climate, natural resources, economic activities, and migrations and trends. Regional differences and human impact upon the environment are also included.
Prev. Course Codes: (GEO-210) 45 CLOCK HRS

✳ GEO-165 – HUMAN ECOLOGY　　3.0 CR
PREREQUISITE: College-Level Reading;
Provides a current outlook for the global environment, describing the threats imposed on different natural ecological systems. Enables the student to develop a set of intellectual tools and ways of thinking about the invironment to evaluate for themselves how serious a given environmental problem will be.
45 CLOCK HRS

GEO-175 – SPECIAL TOPICS　　1.0-6.0 CR
Provides students with a vehicle to pursue in-depth exploration of special topics of interest.

German

GER-101 – CONVERSATIONAL GERMAN I　3.0 CR
Introduces beginning students to conversational German and focuses on understanding and speaking German. Covers basic vocabulary, grammar, and expressions that are used in daily situations and in travel.
Prev. Course Codes: (GER-101A) (GER-101) (GER-035) (GER-135) 45 CLOCK HRS

GER-102 – CONVERSATIONAL GERMAN II　3.0 CR
PREREQUISITE: GER-101(439); Min. grade C-;
Continues the sequence for students who wish to understand and speak German. Covers basic patterns, expressions, and grammar.
45 CLOCK HRS

✳ GER-111 – GERMAN LANGUAGE I　　5.0 CR
PREREQUISITE: College-Level Reading;
Begins a sequence dealing with the development of functional proficiency in listening, speaking, reading, and writing the German language. Note: The order of the topics and methodology will vary according to individual texts and instructors.
Prev. Course Codes: (GER-151) 75 CLOCK HRS

✳ GER-112 – GERMAN LANGUAGE II　　5.0 CR
PREREQUISITE: GER-111; Min. grade C-;
Continues German I in the development of functional proficiency in listening, speaking, reading, and writing the German language. Note: The order of the topics and the methodology will vary according to individual texts and instructors.
Prev. Course Codes: (GER-152) 75 CLOCK HRS

⌂ GER-211 – GERMAN LANGUAGE III　　3.0 CR
PREREQUISITE: GER-112; Min. grade C-;
Continues German I and II in the development of increased functional proficiency in listening, speaking, reading, and writing the German language. Note: The order of the topics and the methodology will vary according to individual text and instructors.
Prev. Course Codes: (GER-251) 45 CLOCK HRS

⌂ GER-212 – GERMAN LANGUAGE IV　　3.0 CR
PREREQUISITE: GER-211; Min. grade C-;
Continues German I, II and III in the development of increased functional proficiency in listening, speaking, reading, and writing the German Language. Note: The order of the topics and the methodology will vary according to individual texts and instructors.
Prev. Course Codes: (GER-252) 45 CLOCK HRS

Geology

⌂ GEY-111 – PHYSICAL GEOLOGY　　4.0 CR
PREREQUISITE: College-Level Reading;
Studies the materials of the earth, its structure, surface features, and the geologic processes involved in its development. This course includes laboratory experience.
75 CLOCK HRS

⌂ GEY-121 – HISTORICAL GEOLOGY　　4.0 CR
PREREQUISITE: GEY-111; Min. grade C-;
Studies the physical and biological development of the earth through the vast span of geologic time. Emphasizes the investigation and interpretation of sedimentary rocks, the record of ancient environments, fossil life forms, and physical events, all within the framework of shifting crustal plates. Course includes laboratory experience.
Prev. Course Codes: (GEY-112) 75 CLOCK HRS

GEY-175 – SPECIAL TOPICS　　1.0-6.0 CR
Presents students with a vehicle to pursue special topics of interest. The content of this course is designed on an as needed basis to provide current, up-to-date information.

✳ GEY-205 – GEOLOGY OF COLORADO　　3.0 CR
PREREQUISITE: College-Level Reading;
Covers the geologic history of Colorado with emphasis on formation of mountain ranges, igneous, sedimentary and metamorphic rock types, ore deposits, and landforms. Incorporates field experience and/or class room lectures.
Prev. Course Codes: (GEY-270AA) (GLY-270AA) 45 CLOCK HRS

✳ GEY-208 – GEOLOGY FIELD TRIP　　1.0-6.0 CR
PREREQUISITE: College-Level Reading;
In-depth field studies into the geology of specific regions in the western United States. The course will focus on the application of field techniques and geologic principles during an extended trip to the area of study. The specific area of investigation will be indicated in the schedule of classes each time the course is offered.
Prev. Course Codes: (GEY-208A) (GEY-208B) (GEY-208C) (GEY-208A) (GEY-208) (GEY-208B) (GEY-208C) (GY-208A) 22.5 CLOCK HRS

✳ GEY-210 – HYDROLOGY   4.0 CR
PREREQUISITE: College-Level Reading;
Basic principles of surface & groundwater hydrology are covered. Basic methods of water quantity & quality measurements are taught. Will learn to operate instruments for monitoring surface flow, well volumes & yield, and measuring water quality characteristics. Emphasis will be placed on understanding of disturbance activities (mining in particular) to surface water and groundwater resources.
75 CLOCK HRS

✳ GEY-225 – OCEANOGRAPHY   4.0 CR
PREREQUISITE: College-Level Reading;
Geological, physical, chemical, biological, and meteorological aspects of oceans and ocean basins will be explored. These aspects will be related to human activities concerning pollution, climate, food and minerals, energy, and changing global conditions.
75 CLOCK HRS

Geographic Information Systems

GIS-100 – GIS FUNDAMENTALS   1.0 CR
Provides information on the basic concepts of GPS (Global Positioning Systems) and GIS (Geographic Information Systems). Defines the two systems and explains the link from one to the other. Analyzes the different types of GPS Equipment and differentiates between their role in the GPS technology world. Provides information on the types of mapping systems available today and the necessary information to integrate GPS data.
18 CLOCK HRS

GIS-175 – SPECIAL TOPICS   1.0-6.0 CR
Provides students with a vehicle to pursue in-depth exploration of special topics of interest.

History

🔒 HIS-101 – HISTORY OF WESTERN CIVILIZATION I   3.0 CR
PREREQUISITE: College-Level Reading;
Explores a number of events, peoples, groups, ideas, institutions, and trends that have shaped Western Civilization from the prehistoric era to 1650. Reflects the multiple perspectives of gender, class, religion, and ethnic groups. Focuses on developing, practicing, and strengthening the skills historians use while constructing knowledge in this discipline.
Prev. Course Codes: (HIS-152) 45 CLOCK HRS

🔒 HIS-102 – HISTORY OF WESTERN CIVILIZATION II   3.0 CR
PREREQUISITE: College-Level Reading;
Explores a number of events, peoples, groups, ideas, institutions, and trends that have shaped Western Civilization from 1650 to the present. Reflects the multiple perspectives of gender, class, religion, and ethnic groups. Focuses on developing, practicing, and strengthening the skills historians use while constructing knowledge in this discipline.
Prev. Course Codes: (HIS-152) 45 CLOCK HRS

HIS-175 – SPECIAL TOPICS   1.0-5.0 CR
PREREQUISITE: College-Level Reading;
Focuses on the exploration of current topics, issues, and activities related to one or more aspects of history.
15 CLOCK HRS

🔒 HIS-201 – UNITED STATES (U.S.) HISTORY I   3.0 CR
PREREQUISITE: College-Level Reading;
Explores events, trends, peoples, groups, cultures, ideas, and institutions in North America and United States history, including the multiple perspectives of gender, class, and ethnicity, between the period when Native American Indians were the sole inhabitants of North America, and the American Civil War. Focuses on developing, practicing, and strengthening the skills historians use while constructing knowledge in the discipline.
Prev. Course Codes: (HIS-251) 45 CLOCK HRS

🔒 HIS-202 – UNITED STATES (U.S.) HISTORY II   3.0 CR
PREREQUISITE: College-Level Reading;
Explores events, trends, peoples, groups, cultures, ideas, and institutions in United States History, including the multiple perspectives of gender, class, and ethnicity, from the American Civil War to the present. Focuses on developing, practicing, and strengthening the skills historians use while constructing knowledge in the discipline.
Prev. Course Codes: (HIS-252) 45 CLOCK HRS

✳ HIS-205 – WOMEN IN WORLD HISTORY   3.0 CR
PREREQUISITE: College-Level Reading;
Examines the roles, experiences, and contributions of women in world history and explores ways in which women's history modifies the tratitional interpretations of historical events.
45 CLOCK HRS

✳ HIS-210 – FEDERAL INDIAN LAW   1.0 CR
PREREQUISITE: College-Level Reading;
This course will cover case law and treaties between the United States and various tribes, and a variety of topics including tribal sovereignty, federal policy, activism and community life.
Prev. Course Codes: (HIS-230) 15 CLOCK HRS

✳ HIS-215 – WOMEN IN U.S. HISTORY   3.0 CR
PREREQUISITE: College-Level Reading;
Examines women's changing roles in American history from the pre-colonial native population to the present. Emphasizes the nature of women's work and the participation of women in the family, political, religious, and cultural activities and in social reform movements.
45 CLOCK HRS

✳ HIS-225 – COLORADO HISTORY   3.0 CR
PREREQUISITE: College-Level Reading;
Presents the story of the people, society, and cultures of Colorado from its earliest Native Americans, through the Spanish influx, the explorers, the fur traders and mountain men, the gold rush, railroad builders, the cattlemen and farmers, the silver boom, the tourists, and the modern state.
45 CLOCK HRS

✳ HIS-236 – CONTEMPORARY U.S. HISTORY   3.0 CR
PREREQUISITE: College-Level Reading;
Focuses on the major political, economic, social, and cultural developments that have shaped modern America.
45 CLOCK HRS

✳ HIS-244 – HISTORY OF LATIN AMERICA   3.0 CR
PREREQUISITE: College-Level Reading;
Focuses on the major political, economic, social, and cultural influences that have shaped Latin America from pre-European conquest to the present. Emphasizes the early history of Latin America but connects it to the present.
45 CLOCK HRS

✳ HIS-246 – HISTORY OF MEXICO   3.0 CR
PREREQUISITE: College-Level Reading;
Focuses on the major political, economic, social, and cultural developments of Mexico from Pre-Columbian times to the present.
45 CLOCK HRS

🔒 HIS-247 – CONTEMPORARY WORLD HISTORY   3.0 CR
PREREQUISITE: College-Level Reading;
Investigates the major political, social, and economic developments, international relationships, scientific breakthroughs, and cultural trends that have shaped the various global regions and nation-states from 1900 to the present. Emphasizes the interactions of global regions and nation-states.
45 CLOCK HRS

HIS-275 – SPECIAL TOPICS   1.0-5.0 CR
PREREQUISITE: College-Level Reading;
Focuses on the exploration of current topics, issues, and activities related to one or more aspects of history.
15 CLOCK HRS

Horticulture

HLT-243 – GOLF TURF MANAGEMENT   3.0 CR
PREREQUISITE: HLT-242 AGY-240;
Min. grade C-;
Discusses all aspects of golf course turfgrass management. Students will be introduced to the design, construction, and cultural requirements of putting greens, tees, fairways, bunkers, and roughs. The course will also address pests and stresses unique to turfgrass in a golf setting, golf course irrigation systems, maintenance equipment, financial management, and the use of golfcourses as wildlife habitat.
45 CLOCK HRS

Honors

✳ HON-211 – DEFINING VALUES THROUGH AMERICAN LITERATURE   3.0 CR
Students will analyze fictional/non-fictional works of our multi-cultural American literature which is represented by Native American, European American, African American, Asian American, and Latin American writings. Honors placement is required.
45 CLOCK HRS

Resort Management

HOS-110 – INTRODUCTION TO HOSPITALITY   3.0 CR
Introduces learners to careers and the organization and structure of the Hospitality Industry including: hotels, restaurants, noncommercial food service, travel and tourism, conventions and meetings, clubs, and other food service entities. Topics include exploring career opportunities, understanding the world of Hotels and Restaurants, Food Service Organizational structures, an introduction to the Meetings Industry, and analyzing the size and scope of the noncommercial foods segment.
Prev. Course Codes: (RMA-100) (RMA-010) (RMA-110) 45 CLOCK HRS

HOS-139 – HOUSEKEEPING MANAGEMENT   2.0 CR
The basics of housekeeping management will be introduced in this course. Management functions, tools, and practices essential for supervision of the housekeeping department of a resort or hotel facility will be presented.
Prev. Course Codes: (HOS-141) (RMA-120) (RMA-058) (RMA-228) 30 CLOCK HRS

Courses

HOS

HOS-140 - FRONT OFFICE PROCEDURES   **2.0 CR**

�֍ systematic approach to front office procedures is presented by detailing the flow of business through a hotel beginning with the reservation process and ending with billing and collection processes. This course also places front office procedures within the context operation of a hotel and examines front office management, the process of handling complaints and concerns regarding hotel safety.
Prev. Course Codes: (RMA-110) (RMA-021) (RMA-121) 30 CLOCK HRS

HOS-142 - ENERGY AND WATER MANAGEMENT   **2.0 CR**

The need for energy management in the hospitality industry is the basis of this course. Why an energy problem exists, its impact on the hospitality operation and a practical approach to developing and implementing an energy program will be covered.
Prev. Course Codes: (RMA-125) (RMA-059) (RMA-229) 30 CLOCK HRS

HOS-148 - INTRODUCTION TO FOOD & BEVERAGE MANAGEMENT   **3.0 CR**

�֍ marketing focused approach to the challenges a food and beverage manager faces in developing a solid customer base is presented in this course. Topics include principles of food production and service management, including menu planning, purchasing, storage, beverage management, and food service layout and equipment. Students will prepare a plan for a food service facility.
Prev. Course Codes: (RMA-148) (RMA-146) (RMA-147) (RMA-052) (RMA-052L) (RMA-222) (RMA-222L) (RMA-22) 45 CLOCK HRS

HOS-175 - SPECIAL TOPICS   **1.0 CR**

Provides students with a vehicle to pursue special topics of interest. The content of this course is designed on an as needed basis to provide current, up-to-date information.
Prev. Course Codes: (RMA-270BB) (RMA-270BC) (RMA-270BW) (RMA-270BC) (RMA-270BB) 22.5 CLOCK HRS

HOS-210 - TOURISM & THE HOSPITALITY INDUSTRY   **2.0 CR**

Tourism is an activity that takes place when people leave home to travel to another location. The business of tourism is the business of encouraging and taking care of the needs of people engaged in this kind of activity. This course assists students and businesses alike in understanding how tourism works and how it can be made to work for them, their business, and their destination.
Prev. Course Codes: (RMA-210) (RMA-016) (RMA-116) 30 CLOCK HRS

HOS-215 - TRAINING AND DEVELOPMENT   **3.0 CR**

The principles, procedures, and skills needed to develop and maintain a competent staff will be taught in this course. Learn to apply an easy, four-step training method to all hospitality functional areas.
Prev. Course Codes: (RMA-215) (RMA-057) (RMA-227) 45 CLOCK HRS

HOS-216 - CONVENTION MANAGEMENT AND SERVICES **3.0 CR**

By defining the scope and various segments of the convention market, this course describes what is required to meet individual needs. Methods and techniques that lead to better convention service will be covered.
Prev. Course Codes: (RMA-216) (RMA-217) (RMA-061) (RMA-061L) (RMA-231) (RMA-231L) (RMA-231) 45 CLOCK HRS

HOS-219 - HOSPITALITY LAW   **3.0 CR**

This course explores laws and regulations affecting the U.S. hospitality industry with many examples and case histories. Topics include protecting guests, loss of property, wages and hours, labor relations, worker's compensation, franchising, and the Internet. This course is NOT recommended for international students, as it focuses solely on U.S. legal issues.
45 CLOCK HRS

HOS-220 - RESORT PLANNING   **3.0 CR**

The operation of resort properties including planning, development, financing, investing, and marketing are topics of this course. Condominiums, time sharing, technological change, energy cost, and transportation are examined.
Prev. Course Codes: (RMA-220) (RMA-062) (RMA-232) 45 CLOCK HRS

HOS-221 - BASIC HOTEL & RESTAURANT ACCOUNTING   **3.0 CR**

This course will help you develop a basic understanding of hotel and restaurant accounting procedures, with a focus on the computerized accounting used in today's hospitality accounting situations. You'll learn about taxation of business income, the role of governmental agencies, and how to read and anyalyze financial statements.
45 CLOCK HRS

HOS-225 - PURCHASING FOR HOSPITALITY OPERATIONS   **2.0 CR**

PREREQUISITE: HOS-148; Min. grade C-;
Intended for food and beverage managers and will be valuable to all hospitality professionals interested in methods of increasing buying power. The importance of purchasing is clear in its contribution to bottom line profits, continuity of supply, efficient operation, and guest satisfaction. Course includes some of the most innovative techniques, including cost-plus and forward contracting.
Prev. Course Codes: (RMA-225) (RMA-068) (RMA-238) 30 CLOCK HRS

HOS-226 - SUPERVISION IN THE HOSPITALITY INDUSTRY   **3.0 CR**

This course teaches the skills that can help you develop effective supervision and management skills that are essential to success in the industry. Topics include how to recruit, select, and train; increase productivity; control labor costs; communicate effectively; manage conflict and change; and use time management techniques. Resources on creating a professional development plan for your hospitality career can help you set the direction for future educational and professional endeavors.
45 CLOCK HRS

HOS-231 - RESORT FACILITIES MANAGEMENT & DESIGN   **3.0 CR**

Covers all major facility systems, including food service equipment and design. Non-engineers can learn how to understand and speak the language of vendors, suppliers, and maintenance/ engineering staff. You'll also learn techniques to reduce expenses and increase efficiency, and also learn the latest technology to streamline operations procedures. ✖ discussion of how hotel operations are affected by the United Nations' environmental guidelines will provide information on balancing the needs of guests with concern for the environment.
Prev. Course Codes: (HOS-281) 45 CLOCK HRS

HOS-242 - HOTEL SALES AND MARKETING   **3.0 CR**

Focuses on the basic elements of sales, marketing, rooms merchandising, convention planning, and basic food and beverage knowledge. The course emphasizes the relationship between the sales philosophy, the guest, and the hotel.
Prev. Course Codes: (RMA-141) (RMA-022) (RMA-122) 45 CLOCK HRS

HOS-246 - MARKETING HOSPITALITY SERVICES   **3.0 CR**

✖ sound marketing planning process, carefully followed, can increase a property's profit. Marketing techniques of selected properties, the general marketing approaches of the major chains, and ways to develop a marketing plan for hotel and motel properties will be presented in this course.
Prev. Course Codes: (RMA-246) (RMA-247) (RMA-063) (RMA-063L) (RMA-223) (RMA-223L) (RMA-223) 45 CLOCK HRS

HOS-250 - FOOD, BEVERAGE & LABOR COST CONTROL **3.0 CR**

Introduces the student to concepts of food, beverage, and labor cost control in the hospitality business.
Prev. Course Codes: (RMA-241) (RMA-054) (RMA-224) 45 CLOCK HRS

HOS-255 - HUMAN RESOURCE MANAGEMENT   **3.0 CR**

Studies the technical and legal challenges of hospitality human resource management from working within today's employment laws to controlling absenteeism, dealing with unions, handling discipline and termination, and creating affordable wages and benefit programs. Explores controlling costs, increasing motivation and productivity, and how to find and keep good employees.
Prev. Course Codes: (RMA-255) (RMA-070) 45 CLOCK HRS

HOS-256 - QUALITY ASSURANCE MANAGEMENT   **3.0 CR**

Advocates the principles of Participation Management which provides managers, supervisors, and employees the system to increase the profitability and productivity of lodging and food operations. Enables staff and management to work in an environment of complete understanding, thereby creating the quality of service desirable for guests.
Prev. Course Codes: (RMA-250) (RMA-064) 45 CLOCK HRS

HOS-275 - SPECIAL TOPICS   **1.0-6.0 CR**

Provides students with a vehicle to pursue special topics of interest. The content of this course is designed on an as needed basis to provide current, up-to-date information.

HOS-287 - WORK EXPERIENCE I   **3.0 CR**

Provides work experience for students to gain practical work experience related to their educational program.
Prev. Course Codes: (RMA-130C) (RMA-030C) (RMA-130C) 135 CLOCK HRS

HOS-289 - WORK EXPERIENCE II   **3.0 CR**

The student will obtain specialized skills through on-the-job training related to the student's desired vocational interest and goals. The student will work at least eight hours per week and consult an additional one hour per week with the instructor.
Prev. Course Codes: (RMA-230C) (RMA-060C) (RMA-230C) 135 CLOCK HRS

HOS

Health Professional

HPR-100 – INTRODUCTION TO HEALTH **3.0 CR**
An exploratory course for students interested in a health career. All health programs at CMC will be explained and tours of local health agencies will be arranged. Basic health skills, including vital signs and CPR will be included.
Prev. Course Codes: (HPR-105) 45 CLOCK HRS

HPR-102 – CPR FOR PROFESSIONALS
(LIST CERTIFICATION) **.5 CR**
Meets the requirements for American Red Cross Professional Rescuer CPR or American Heart Association Basic Life Support for those who work in emergency services, health care, and other professional areas. Material presented in the course is basic patient assessment, basic airway management, rescue breathing, and CPR for infant, child, and adult patients.
Prev. Course Codes: (EFA-119) (EFA-018) 9 CLOCK HRS

HPR-103 – CPR FOR PROFESSIONALS RENEWAL **.5 CR**
Provides opportunity for currently certified CPR providers to renew certificates. Note: current healthcare provider CPR card required.
7.5 CLOCK HRS

HPR-110 – IV THERAPY FOR LPNS **1.0-4.0 CR**
Provides LPNs with an opportunity to expand their nursing roles by learning appropriate procedures for intravenous therapy and venous blood withdrawal. The course includes lecture, laboratory practice, and clinical experiences. The course prepares the student for IV certification under State Board of Nursing guidelines.

HPR-120 – ACLS **1.0 CR**
Presents the required material for ACLS completion. It will cover arrhythmias, medications, therapeutic modalities for life threatening arrhythmias, airway management, and other treatment modalities used in cardiac and respiratory arrest.
Prev. Course Codes: (EMS-210) (EMT-210) 15 CLOCK HRS

HPR-125 – OUTDOOR EMERGENCY CARE **4.0 CR**
PREREQUISITE: College-Level Reading;
Prepares the student without previous first aid training to handle the emergency care problems seen at alpine and nordic ski areas. The knowledge and skills are oriented toward the wilderness setting with special emphasis on ski and snowboard injuries, altitude and cold weather illnesses, wilderness extrications, and the special equipment ski patrollers need for emergency care and transportation in the outdoor environment. This is a National Ski Patrol course.
Prev. Course Codes: (HWE) (125) 90 CLOCK HRS

HPR-126 – OUTDOOR EMERGENCY CARE REFRESHER **.5 CR**
PREREQUISITE: HPR-125; Min. grade C-;
This course is designed to provide for maintenance of a uniform skill level and act as a means of national recertification for Winter Emergency Care.
Prev. Course Codes: (EFA-121) (EFA-020) 11.5 CLOCK HRS

✱ HPR-178 – SEMINAR: MEDICAL TERMINOLOGY **1.0-4.0 CR**
PREREQUISITE: College-Level Reading;
Introduces the student to the structure of medical terms with emphasis on combining and using the most common prefixes, roots, and suffixes. Includes terms related to clinical laboratory, diagnostic imaging, nuclear medicine, and oncology, as well as major body systems. Classroom structure provides accepted pronunciation of terms and relative use in the healthcare setting.
Prev. Course Codes: (HSC-120) (HSC-121) (HSC-123)

HPR-190 – BASIC EKG INTERPRETATION **2.0 CR**
Provides instruction for interpretation of EKG strips, anatomy and physiology of the heart, using three-lead monitoring as a guide. Twelve-lead EKG may be discussed.
45 CLOCK HRS

✱ HPR-217 – KINESIOLOGY **4.0 CR**
PREREQUISITE: BIO-201; Min. grade C-;
Focuses on mechanical principles of kinematics, kinetics, muscle physiology, and neurophysiology and the interaction to produce function. Joint and muscle structure and function with application is a main focus.
90 CLOCK HRS

Health Science

HSC-170 – INTRODUCTORY NUTRITION **1.0 CR**
This course is an introduction to nutrition. Students will receive an overview of the essential nutrients of human nutrition and an introduction to medical nutritional support modalities.
15 CLOCK HRS

HSC-175 – INTRODUCTION TO THERAPEUTIC MASSAGE **1.0 CR**
Massage techniques for relieving stress and promoting physical well-being are introduced in this course. Topics include various massage styles, self-massage, back problems, and body alignment.
22.5 CLOCK HRS

Humanities

✱ HUM-103 – INTRODUCTION TO FILM ART **3.0 CR**
PREREQUISITE: College-Level Reading;
Studies the relationship among film's stylistic systems, narrative systems, and audiences reception. Students view, discuss and critically analyze a variety of films which represent key variety of genres and themes. The course incorporates the vocabulary stylistic systems (for instance, cinematography, editing and art direction) and narrative systems (for instance, story structure and character motivation) as both relate to the kinds of meanings a film conveys.
Prev. Course Codes: (HUM-134) (HUM-165) 60 CLOCK HRS

✱ HUM-115 – WORLD MYTHOLOGY **3.0 CR**
PREREQUISITE: College-Level Reading;
Introduces students to the mythologies of various cultures with a special emphasis on Greece, Asia, and North America. Common themes are illustrated and some artistic reactions are used as examples.
Prev. Course Codes: (HUM-145) 45 CLOCK HRS

🔒 HUM-121 – EARLY CIVILIZATIONS **3.0 CR**
PREREQUISITE: College-Level Reading;
Introduces students to the history of ideas that have defined cultures through a study of the visual arts, literature, drama, music, and philosophy. It emphasizes connections among the arts, values, and diverse cultures, including European and non-European, from the Ancient world to 1000 C.E. This course is one of the statewide Guaranteed Transfer courses.
Prev. Course Codes: (HUM-150) 45 CLOCK HRS

🔒 HUM-122 – FROM MEDIEVAL TO MODERN **3.0 CR**
PREREQUISITE: College-Level Reading;
Examines written texts, visual arts, and musical compositions to analyze and reflect the evolution and confluence of cultures in Eurpoe, Asia, and the Americas from 800 C.E. to 1750 C.E. Any two of the three Survey of Humanities courses equal a sequence. This course is one of the statewide Guaranteed Transfer courses.
Prev. Course Codes: (HUM-151) 45 CLOCK HRS

🔒 HUM-123 – THE MODERN WORLD **3.0 CR**
PREREQUISITE: College-Level Reading;
Examines the cultures of the 17th through the 20th centuries by focusing on the interrelationships of the arts, ideas, and history. Considers the influences of industrialism, scientific development, and non-European peoples.
Prev. Course Codes: (HUM-152) 45 CLOCK HRS

✱ HUM-124 – SURVEY OF HUMANITIES IV **3.0 CR**
PREREQUISITE: College-Level Reading;
This course is a study of the literature, ideas, music, and visual arts of important cultures throughout the ages including Late Nineteenth Century Europe, the Twentieth Century, and the Future.
45 CLOCK HRS

✱ HUM-137 – WILDERNESS & THE AMERICAN ETHIC **3.0 CR**
PREREQUISITE: College-Level Reading;
Presents historical and ethical views of the wilderness. Topics include the history of the wilderness movement and ways contemporary views of nature have shaped man's association with the wilderness.
Prev. Course Codes: (HUM-170) 45 CLOCK HRS

✱ HUM-163 – FILM CRITICISM **3.0 CR**
PREREQUISITE: College-Level Reading;
Considers different approaches to film criticism, including the journalist, humanist, auteurist, genre, social science, historical, and ideological/theoretical approaches. Students will view and analyze films, applying each of the critical approaches through class discussion and other assignments.
Prev. Course Codes: (HUM-210) 60 CLOCK HRS

✱ HUM-164 – AMERICAN CINEMA **3.0 CR**
PREREQUISITE: College-Level Reading;
Introduces film studies and surveys the American film industry as an art form, as an industry, and as a system of representation and communication. This course explores how Hollywood films work technically, aesthetically, and culturally to reinforce and challenge America's national self image.
45 CLOCK HRS

✱ HUM-215 – FILM **3.0 CR**
PREREQUISITE: College-Level Reading;
An approach to film emphasizing genre, theme, director, national cinemas, historical developments, and critical and theoretical issues.
60 CLOCK HRS

HUM-275 – SPECIAL TOPICS **1.0-6.0 CR**
PREREQUISITE: College-Level Reading;
Provides students with a vehicle to pursue in-depth exploration of special topics of interest.

Courses

HUM

Health & Wellness

✻ HWE-100 – HUMAN NUTRITION　　3.0 CR
Introduces basic principles of nutrition with emphasis on personal nutrition. Satisfies nutrition requirement of students entering health care professions.
Prev. Course Codes: (BIO-132) 45 CLOCK HRS

HWE-101 – CARDIO-PULMONARY RESUSCITATION　　.5 CR
Teaches emergency procedures for respiratory, obstructed airway, and cardiac arrest victims of all ages. It meets certification requirements of the American Red Cross, the American Heart Association, Medic First Aid, or ASHI.
Prev. Course Codes: (EFA-124A) (EFA-024A) (EFA-024) (EFA-117E) 8 CLOCK HRS

HWE-102 – CARDIO-PULMONARY RESUSCITATION (CPR) RECERTIFICATION　　.5 CR
Reviews CPR for those whose CPR card is due but not expired. Student must provide a copy of current CPR certification. Recertification can be done for Professional Rescuer, Community, Adult, Child and Infant CPR.
9 CLOCK HRS

HWE-103 – COMMUNITY FIRST AID AND CPR　　.5 CR
Prepares the student for certification in CPR and basic first aid. Skills will include basic life support, airway obstruction, control of bleeding, shock, and patient care for the unconscious.
Prev. Course Codes: (PED-125A) 9 CLOCK HRS

HWE-106 – INFANT & CHILD CPR/FIRST AID　　.5 CR
Emphasis on the skills needed to recognize and respond calmly to childhood emergencies and to help prevent childhood accidents. Topics include primary assessment, airway obstructions, infant and child CPR, control of bleeding, illness assessment, sudden illness, motor vehicle safety, injury assessment, burns, fractures, wounds, child abuse, hypothermia, and communication.
Prev. Course Codes: (HWE-113) (HWE-112) (EFA-110) (EFA-010) 8 CLOCK HRS

✻ HWE-111 – HEALTH & FITNESS　　3.0 CR
Studies health and fitness in the U.S. today. The course will look at personal health issues, managing stress, nutrition, and healthy life styles.
Prev. Course Codes: (PED-171) 45 CLOCK HRS

HWE-115 – MEDIC FIRST AID　　.5 CR
This course will acquaint the students with CPR and the basic skills of first aid. Skills will include basic life support, airway obstruction, control of bleeding, shock, and patient care for the unconscious.
Prev. Course Codes: (EFA-110) (EFA-010) (EFA-110) (HWE-112) 8 CLOCK HRS

HWE-116 – PEDIATRIC MEDIC FIRST AID　　.5 CR
Emphasis on the skills needed to recognize and respond confidently and calmly to childhood emergencies and to help prevent childhood accidents. Topics include primary assessment, airway obstructions, infant and child CPR, control of bleeding, illness assessment, sudden illness, motor vehicle safety, injury assessment, burns, fractures, wounds, child abuse, hypothermia, and communication.
Prev. Course Codes: (EFA-116) (EFA-015B) (HWE-113) 8 CLOCK HRS

HWE-120 – WILDERNESS FIRST AID　　1.0 CR
Provides limited medical information to cope with basic wilderness emergencies. Note: Requires current CPR card.
15 CLOCK HRS

HWE

HWE-129 – WILDERNESS FIRST RESPONDER　　4.0 CR
This course provides the student with those skills and emergency medical care techniques used by guides, trip leaders and others providing primary care in backcountry setting. The student will be able to respond correctly to those medical and trauma situations commonly encountered when entry into the EMS system is delayed or unlikely.
Prev. Course Codes: (EFA-145) 75 CLOCK HRS

✻ HWE-245 – PHYSIOLOGY OF EXERCISE　　3.0 CR
PREREQUISITE: BIO-201 BIO-202;
Min. grade C-;
Introduces the student to the physiological responses and adaptations of individuals to exercise as well as the application to sports medicine, rehabilitation, and general fitness. The laboratory provides experiences that demonstrate the underlying theoretical constructs that govern physiological responses and adaptations to exercise.
Prev. Course Codes: (PED-250) 67.5 CLOCK HRS

Italian

ITA-101 – CONVERSATIONAL ITALIAN I　　3.0 CR
Provides the first course in a sequence for beginning students who wish to understand and speak Italian. The material includes basic vocabulary, grammar, and expressions that are used in daily situations and in travel.
45 CLOCK HRS

ITA-102 – CONVERSATIONAL ITALIAN II　　3.0 CR
PREREQUISITE: ITA-101; Min. grade C-;
Provides the second course in a sequence for students who wish to understand and speak Italian. The material continues to cover basic conversational patterns, expressions, and grammar.
45 CLOCK HRS

✻ ITA-111 – ITALIAN LANGUAGE I　　5.0 CR
PREREQUISITE: College-Level Reading;
Introduces a sequence dealing with the development of functional proficiency in listening, speaking, reading, and writing in the Italian language. Note: the order of the topics and methodology will vary according to individual texts and instructors.
75 CLOCK HRS

✻ ITA-112 – ITALIAN LANGUAGE II　　5.0 CR
PREREQUISITE: ITA-111; Min. grade C-;
Continues Italian Language I in the development of functional proficiency in listening, speaking, reading, and writing the Italian language. Note: the order of the topics and the methodology will vary according to individual texts and instructors.
75 CLOCK HRS

🔒 ITA-211 – ITALIAN LANGUAGE III　　3.0 CR
PREREQUISITE: ITA-112; Min. grade C-;
Continues Italian Language I and II in the development of increased functional proficiency in listening, speaking, reading, and writing the Italian language. Note: the order of the topics and the methodology will vary according to individual texts and instructors.
45 CLOCK HRS

🔒 ITA-212 – ITALIAN LANGUAGE IV　　3.0 CR
PREREQUISITE: ITA-211; Min. grade C-;
Continues Italian Language I, II, and III in the development of increased functional proficiency in listening, speaking, reading, and writing the Ital-
ian language. Note: the order of the topics and the methodology will vary according to individual texts and instructors.
45 CLOCK HRS

Journalism

✻ JOU-105 – INTRODUCTION TO MASS MEDIA　　3.0 CR
PREREQUISITE: College-Level Reading;
Places the mass media in an historical and cultural perspective, considering the validity, integrity, and influence of the media in a democracy.
45 CLOCK HRS

✻ JOU-106 – FUNDAMENTALS OF REPORTING　　3.0 CR
PREREQUISITE: College-Level Reading;
Introduces news writing, reporting, and interviewing with an emphasis on clarity, accuracy, completeness, timeliness, and fairness.
Prev. Course Codes: (JRN-110) (JRN-151)
45 CLOCK HRS

✻ JOU-215 – PUBLICATIONS PRODUCTION & DESIGN　3.0 CR
PREREQUISITE: ENG-121; Min. grade C-;
Provides for student participation in the planning, writing, design, and production processes of a non-newspaper publication.
45 CLOCK HRS

✻ JOU-280 – INTERNSHIP　　3.0-5.0 CR
PREREQUISITE: College-Level Reading;
Provides a structured and guided, individualized research that is organized and tailored around the interests and needs of the individual student who may use journalism skills and experiences acquired during previous coursework.
90 CLOCK HRS

Japanese

✻ JPN-111 – JAPANESE LANGUAGE I　　5.0 CR
Introduces a sequence dealing with the development of functional proficiency in listening, speaking, reading, and writing the Japanese language. Note: The order of the topics and methodology will vary according to individual texts and instructors.
75 CLOCK HRS

✻ JPN-112 – JAPANESE LANGUAGE II　　5.0 CR
PREREQUISITE: JPN-111; Min. grade C-;
Continues Foreign Language I in the development of functional proficiency in listening, speaking, reading, and writing the Japanese language. Note: the order of the topics and the methodology will vary according to individual texts and instructors.
75 CLOCK HRS

✻ JPN-211 – JAPANESE III　　3.0 CR
PREREQUISITE: JPN-112; Min. grade C-;
Continues Japanese Language I and II in the development of increased functional proficiency in listening, speaking, reading, and writing the Japanese language. Note: the order of the topics and the methodology will vary according to individual texts and instructors.
45 CLOCK HRS

✻ JPN-212 – JAPANESE LANGUAGE IV　　3.0 CR
PREREQUISITE: JPN-211; Min. grade C-;
Continues Japanese Language I, II, and III in the development of increased functional proficiency in listening, speaking, reading, and writing the Japa-

nese language. Note: the order of the topics and the methodology will vary according to individual texts and instructors.
45 CLOCK HRS

Literature

🔒 LIT-115 - INTRODUCTION TO LITERATURE I   3.0 CR
PREREQUISITE: College-Level Reading;
Introduces students to fiction, poetry, and drama. Emphasizes active and responsive reading.
Prev. Course Codes: (HUM-132) (HUM-163) (LIT-151) 45 CLOCK HRS

✳ LIT-125 - STUDY OF THE SHORT STORY   3.0 CR
PREREQUISITE: College-Level Reading;
Focuses on careful reading and interpretation of the short story as a distinct genre. It examines formal as well as thematic elements of fiction. Critical thinking, discussion, and writing about short stories will enhance perceptive reading skills and heighten awareness of the human condition.
45 CLOCK HRS

✳ LIT-126 - STUDY OF POETRY   3.0 CR
PREREQUISITE: College-Level Reading;
Focuses on careful reading and interpretation of various poems representing types and periods of poetry. It examines formal as well as thematic elements of poetry. Critical thinking, discussion, and writing about poetry will enhance perceptive reading skills and heighten awareness of the human condition.
45 CLOCK HRS

LIT-175 - SPECIAL TOPICS   1.0-6.0 CR
PREREQUISITE: College-Level Reading;
Provides students with a vehicle to pursue special topics of interest. The content of this course is designed on an as needed basis to provide current, up-to-date information.

🔒 LIT-201 - MASTERPIECES OF LITERATURE I   3.0 CR
PREREQUISITE: College-Level Reading;
Examines significant writings in world literature from the ancients through the Renaissance. Emphasizes careful reading and understanding of the works and their cultural backgrounds.
Prev. Course Codes: (LIT-161) 45 CLOCK HRS

🔒 LIT-202 - MASTERPIECES OF LITERATURE II   3.0 CR
PREREQUISITE: College-Level Reading;
Examines significant writings in world literature from the seventeenth century to the present. Emphasizes careful reading and understanding of the works and their cultural backgrounds.
Prev. Course Codes: (LIT-162) 45 CLOCK HRS

✳ LIT-205 - ETHNIC LITERATURE   3.0 CR
PREREQUISITE: College-Level Reading;
Focuses on significant texts by ethnic Americans including African American, Native American, Latino/a, and Asian Americans. Emphasizes careful reading and understanding of the cultural and literary elements of the works.
45 CLOCK HRS

🔒 LIT-211 - SURVEY OF AMERICAN LITERATURE I   3.0 CR
PREREQUISITE: College-Level Reading;
Provides an overview of American literature from the Native American through the nineteenth century Romantics. It explores ideas, historical and social

contexts, themes and literary characteristics of works in various genres by major writers.
Prev. Course Codes: (LIT-221) (LIT-261)
45 CLOCK HRS

🔒 LIT-212 - SURVEY OF AMERICAN LITERATURE II   3.0 CR
PREREQUISITE: College-Level Reading;
Provides an overview of American literature from the mid-nineteenth century to the present. It explores ideas, historical and social contexts, themes, and literary characteristics of works in various genres by major writers.
Prev. Course Codes: (LIT-227) (LIT-262) (LIT-217)
45 CLOCK HRS

🔒 LIT-221 - SURVEY OF BRITISH LITERATURE   3.0 CR
PREREQUISITE: College-Level Reading;
Provides an overview of British literature from the Anglo-Saxon period through the 17th century. It explores ideas, historical and social contexts, themes, and literary characteristics of works in various genres by major writers.
45 CLOCK HRS

✳ LIT-222 - SURVEY OF BRITISH LITERATURE II   3.0 CR
PREREQUISITE: College-Level Reading;
Provides an overview of British literature from the 18th century to the present. It explores ideas, historical and social contexts, themes, and literary characteristics of works in various genres by major writers.
45 CLOCK HRS

✳ LIT-225 - INTRODUCTION TO SHAKESPEARE   3.0 CR
PREREQUISITE: College-Level Reading;
Explores a selection of works by William Shakespeare. It focuses on careful reading and interpretation of the plays and poems, includes pertinent information about Elizabethan England, and examines formal, as well as thematic elements of the selected works.
Prev. Course Codes: (LIT-220) (LIT-255)
45 CLOCK HRS

✳ LIT-245 - LITERATURE OF THE AMERICAN WEST   3.0 CR
PREREQUISITE: College-Level Reading;
Examines works in various genres by writers of the American West. It investigates the dominant themes and social and historical backgrounds.
45 CLOCK HRS

✳ LIT-248 - NATIVE AMERICAN LITERATURE   3.0 CR
PREREQUISITE: College-Level Reading;
Examines oral and written literature created by Native American peoples. Emphasizes narrative and ceremonial literature from the oral tradition. Examines oratory, autobiography, essays, poetry, short stories, and novels as oral and written forms.
45 CLOCK HRS

✳ LIT-255 - CHILDREN'S LITERATURE   3.0 CR
PREREQUISITE: College-Level Reading;
Evaluates the criteria for selecting appropriate literature for children through exploration of genres, age levels, values taught through literature, and the literary and artistic quality of various texts.
Prev. Course Codes: (EDU-270cc) 45 CLOCK HRS

✳ LIT-269 - POPULAR LITERATURE & CULTURE   3.0 CR
PREREQUISITE: College-Level Reading;
Explores special interests in literature, such as Detective Fiction and Science Fiction.
45 CLOCK HRS

LIT-275 - SPECIAL TOPICS   1.0-6.0 CR
PREREQUISITE: College-Level Reading;
Provides students with a vehicle to pursue special topics of interest. The content of this course is designed on an as needed basis to provide current, up-to-date information.

Library Technician

LTN-105 - RESEARCH STRATEGIES   2.0 CR
PREREQUISITE: College-Level Reading;
This course introduces effective research strategies. Includes advanced online information retrieval techniques, analyses and evaluation of found materials, as well as discussions of social and legal issues surrounding the use of information.
30 CLOCK HRS

Management

MAN-116 - PRINCIPLES OF SUPERVISION   3.0 CR
Studies the principles and techniques of supervising and motivating personnel. This course is designed for students who are interested in supervising others or for those currently in supervision. Course content focuses on the human interaction in supervision.
Prev. Course Codes: (BUS-110) (BUS-010) (BUS-152) 45 CLOCK HRS

MAN-175 - SPECIAL TOPICS   1.0-6.0 CR
Provides students with a vehicle to pursue special topics of interest in buesiness. The content of this course is designed on an as-needed basis to provide current, up-to-date information.

MAN-200 - HUMAN RESOURCE MANAGEMENT I   3.0 CR
Provides the student with a broad overview of the contemporary issues, theories, and principles used to effectively manage human resources. Topics include recruiting, hiring, compensation and benefits, training and development, employee relations and legal issues.
Prev. Course Codes: (BUS-235) (BUS-035)
45 CLOCK HRS

✳ MAN-216 - SMALL BUSINESS MANAGEMENT   3.0 CR
Examines the elements necessary for the successful formation of a new small business. It is also designed to enhance the skills of those already involved in the operation of a small business. The course includes the development of a complete small business plan.
Prev. Course Codes: (SBM-115) 45 CLOCK HRS

MAN-225 - MANAGERIAL FINANCE   3.0 CR
Examines the concepts and techniques used to analyze financial accounting information for managerial planning, decision making, and control. The focus of the course is on decision making relating to the areas of budgets, forecasts, cost volume production, ROI and financial statements.
Prev. Course Codes: (BUS-244) 45 CLOCK HRS

✳ MAN-226 - PRINCIPLES OF MANAGEMENT   3.0 CR
PREREQUISITE: MAT-135 ACC-122 ECO-201 or ECO-202; Min. grade C-;
Presents a survey of the principles of management. Emphasis is on the primary functions of planning, organizing, leading, and controlling with a balance between the behavioral and operational approach.
Prev. Course Codes: (BUS-226) (BUS-210) (BUS-153) 45 CLOCK HRS

Courses

MAN

Marketing

MAR-111 – PRINCIPLES OF SALES   3.0 CR
PREREQUISITE: BUS-115; Min. grade C-;
Enables the student to understand and develop ethical sales techniques and covers the role of selling in the marketing process. Areas of emphasis include behavioral considerations in the buying and selling process and sales technique.
Prev. Course Codes: (MAR-010) (MMA-010) (MMA-212) 45 CLOCK HRS

MAR-117 – PRINCIPLES OF RETAILING   3.0 CR
Emphasizes the study of the basic principles and techniques of merchandising, operations, layout, store organization, site location, and customer service with an emphasis on retailing operations.
45 CLOCK HRS

MAR-175 – SPECIAL TOPICS   1.0-6.0 CR
Provides students with a vehicle to pursue special topics of interest in business. The content of this course is designed on an as-needed basis to provide current, up-to-date information.

❈ MAR-216 – PRINCIPLES OF MARKETING   3.0 CR
PREREQUISITE: BUS-115, ECO-201 ECO-202 MAT-135 ACC-122; Min. grade C-;
Presents the analysis of theoretical marketing processes and the strategies of product development, pricing, promotion and distribution, and their applications to business and the individual consumer.
Prev. Course Codes: (MMA-211) (MMA-251) 45 CLOCK HRS

MAR-220 – PRINCIPLES OF ADVERTISING   3.0 CR
PREREQUISITE: MAR-216; Min. grade C-;
Examines the principles and practices of advertising and its relationship to business in order to promote a business or organization. Areas of major emphasis include advertising principles, strategies, media, copy and layout, and ethical considerations.
Prev. Course Codes: (MAR-240) (MAR-020) (MMA-020) (MMA-252) 45 CLOCK HRS

Mathematics

MAT-030 – FUNDAMENTALS OF MATHEMATICS   3.0 CR
Includes the vocabulary, operations, and applications of whole numbers, decimals, and basic fractions and mixed numbers. Note: Requires math placement exam.
Prev. Course Codes: (MAT-001) 45 CLOCK HRS

MAT-060 – PRE-ALGEBRA   3.0 CR
PREREQUISITE: MAT-030; Min. grade C-; or placement test;
Furthers the study of fractions and mixed numbers. Also included are vocabulary, operations and applications of ratio, proportion, percent, area, perimeter, US and metric measures, integers, and an introduction to algebraic expressions and the solution of basic first-degree equations.
45 CLOCK HRS

MAT-090 – INTRODUCTORY ALGEBRA   4.0 CR
PREREQUISITE: MAT-060; Min. grade C-; or placement test;
Includes first-degree equations, inequalities, formulas, polynomials, algebraic fractions, factoring polynomials, solving quadratic equations by factoring, and applications. Coordinate geometry, graphing linear equations and inequalities, and systems of linear equations may be included.
Prev. Course Codes: (MAT-060) (MAT-116) (MAT-040) (MAT-140) 60 CLOCK HRS

MAT-106 – SURVEY OF ALGEBRA   4.0 CR
PREREQUISITE: MAT-090; Min. grade C-; or placement test;
Emphasizes problem solving with further study of equations, slope, inequalities, systems of equations, polynomials, quadratic equations, rational expressions, rational exponents, radical expressions, graphing, and applications. A graphing calculator or equivalent software may be utilized.
60 CLOCK HRS

MAT-107 – CAREER MATH   3.0 CR
PREREQUISITE: MAT-090(30); Min. grade C-; or placement test;
Covers material designed for career technical students or general studies students who need to study particular mathematical topics. Topics may include arithmetic review, calculator usage, algebra, geometry, trigonometry, graphs, and finance. These are presented on an introductory level and the emphasis is on applications. The specific topics covered are selected to meet the needs of the students enrolled in this course.
Prev. Course Codes: (MAT-105) (MAT-031) (MAT-111) 45 CLOCK HRS

MAT-108 – TECHNICAL MATHEMATICS   4.0 CR
PREREQUISITE: MAT-090; Min. grade C-; or placement test;
Covers material designed for career technical students or general studies students who need to study particular mathematical topics. Topics may include calculator usage, algebra, geometry, trigonometry, graphs, finance logarithms, and statistics. These are presented on an introductory level and the emphasis is on applications. The specific topics covered are selected to meet the needs of the students enrolled in the course.
Prev. Course Codes: (MAT-105) (MAT-031) (MAT-111) 60 CLOCK HRS

🔒 MAT-120 – MATHEMATICS FOR THE LIBERAL ARTS   4.0 CR
PREREQUISITE: MAT-106; Min. grade C-; or placement test;
Develops mathematical and problem-solving skills. Appropriate technological skills are included. Content is selected to highlight connections between mathematics and the society in which we live. Topics include set theory and logic, mathematical modeling, probability and statistical methods, and consumer mathematics. Additional content will include one topic in geometry, numeration systems, decision theory, or management science.
60 CLOCK HRS

🔒 MAT-121 – COLLEGE ALGEBRA   4.0 CR
PREREQUISITE: MAT-106; Min. grade C-; or placement test;
Includes a review of intermediate algebra, equations and inequalities, functions and their graphs, exponential and logarithmic functions, linear and non-linear system, as well as a selection of topics from graphing of the conic sections, introduction to sequence and series permutations and combinations, the binomial theorem, and the theory of equations. Note: Requires college level math.
Prev. Course Codes: (MAT-161) 60 CLOCK HRS

❈ MAT-122 – COLLEGE TRIGONOMETRY   3.0 CR
PREREQUISITE: MAT-121; Min. grade C-; or placement test;
Covers topics including trigonometric functions (with graphs and inverse functions), identities and equations, solutions of triangles, complex numbers, and other topics as time permits. This is a traditional prerequisite course to the calculus sequence.
Prev. Course Codes: (MAT-162) 45 CLOCK HRS

❈ MAT-123 – FINITE MATHEMATICS   4.0 CR
PREREQUISITE: MAT-106; Min. grade C-;
Covers topics including functions, matrix algebra, linear programming, and an introduction to probability and counting techniques. Emphasis is on applications. This course may include other topics such as statistics when time permits. This course is primarily intended for business, life science, or social science majors.
60 CLOCK HRS

🔒 MAT-125 – SURVEY OF CALCULUS   4.0 CR
PREREQUISITE: MAT-121; Min. grade C-; or placement test;
Includes derivatives, integrals, and their applications, with attention restricted to algebraic, exponential, and logarithmic functions for business, life science and/or social science majors.
60 CLOCK HRS

🔒 MAT-135 – INTRODUCTION TO STATISTICS   3.0 CR
PREREQUISITE: MAT-106; Min. grade C-; or placement test;
Includes data presentation and summarization, introduction to probability concepts and distributions, statistical inference estimation, hypotheses testing, comparison of populations, correlation, and regression.
Prev. Course Codes: (MAT-164) 45 CLOCK HRS

❈ MAT-155 – INTEGRATED MATH I   3.0 CR
PREREQUISITE: MAT-106; Min. grade C-;
Covers topics including natural numbers, integers, rational numbers, relations, functions, and equations. This course is the first of a two-course sequence particularly pertinent to prospective arithmetic teachers, presenting arithmetic and algebra from a modern approach.
Prev. Course Codes: (MAT-120) 45 CLOCK HRS

❈ MAT-156 – INTEGRATED MATH II   3.0 CR
PREREQUISITE: MAT-155; Min. grade C-;
Continues MAT-155. It includes the study of the fundamentals of probability, statistics, and informal Euclidean geometry suitable for K-8 curriculum, employing laboratory techniques where applicable.
Prev. Course Codes: (Mat-220) 45 CLOCK HRS

❈ MAT-166 – PRE-CALCULUS   5.0 CR
PREREQUISITE: MAT-106; Min. grade C-;
Reviews college algebra and college trigonometry intended for those planning to take calculus. Topics include algebraic manipulations, properties of algebraic and trigonometric functions and their graphs, trig identities and equations, conic sections, polar coordinates, and parametric equations.
75 CLOCK HRS

MAT-175 – SPECIAL TOPICS   1.0-3.0 CR
Provides students with a vehicle to pursue in-depth exploration of special topics of interest.

🔒 MAT-201 – CALCULUS I   5.0 CR
PREREQUISITE: MAT-122; Min. grade C-; or placement test;
Introduces single variable calculus and analytic ge-

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❈ Applies to CMC AA/AS degree   🔒 Colorado State Guaranteed Transfer Course   NOTE: Not all courses are offered at every campus each term.

ometry. Includes limits, continuity, derivatives, and applications of derivatives, as well as indefinite and definite integrals and some applications.
Prev. Course Codes: (MAT-171) 75 CLOCK HRS

🔒 MAT-202 – CALCULUS II   **5.0 CR**
PREREQUISITE: MAT-201; Min. grade C-;
Continuation of single variable calculus that will include techniques of integration, polar coordinates, analytic geometry, improper integrals, and infinite series.
Prev. Course Codes: (MAT-172) 75 CLOCK HRS

✽ MAT-203 – CALCULUS III   **4.0 CR**
PREREQUISITE: MAT-202; Min. grade C-;
Completes the traditional subject matter of the Calculus. Topics include vectors, vector-valued functions, and multivariable calculus including partial derivatives, multiple integrals, line integrals, and application.
60 CLOCK HRS

✽ MAT-265 – DIFFERENTIAL EQUATIONS   **3.0 CR**
PREREQUISITE: MAT-202; Min. grade C-;
Emphasizes techniques of problem solving and applications. Topics include first, second, and higher order differential equations, series methods, approximations, systems of differential equations, and Laplace transforms.
45 CLOCK HRS

🔒 MAT-266 – DIFFERENTIAL EQUATIONS WITH LINEAR ALGEBRA   **4.0 CR**
CO-REQUISITES: MAT-203;
PREREQUISITE: MAT-202; Min. grade C-;
Covers first and second order differential equations, series solutions, Laplace transforms, linear algebra, eigenvalues, first order systems of equations, and numerical techniques.
60 CLOCK HRS

Meteorology

✽ MET-150 – GENERAL METEOROLOGY   **4.0 CR**
PREREQUISITE: College-Level Reading;
Provides an introduction to general meteorology and atmospheric sciences. It includes the composition and structure of the atmosphere and characteristics that affect the atmosphere, such as temperature, pressure, and moisture. Additionally, the development of weather systems, such as storm systems, hurricanes, weather fronts, and cloud development will also be examined. Finally, the concepts of climatology will be stressed.
60 CLOCK HRS

Multimedia Graphic Design

MGD-101 – INTRODUCTION TO COMPUTER GRAPHICS   **3.0 CR**
Introduces the students to the computer systems developed for graphics. The students will learn the hardware and software components for multimedia production. Each student will explore basic computer operations, ergonomics, file management, scanning techniques, archiving capabilities, and utilization of the multimedia department server and internet connection.
Prev. Course Codes: (CWB-165) (GRD-101) (COA-013) 75 CLOCK HRS

MGD-102 – INTRODUCTION TO MULTIMEDIA   **3.0 CR**
Introduces the types of equipment and technical considerations used in multimedia productions and the multimedia professions. It focuses on current types of equipment such as scanners, printers, digital cameras, and computers. Students gain hands-on experience in how the technology is utilized for input and output in production and design projects. Overview of software and basic design principles will be explored.
Prev. Course Codes: (CWB-140) 45 CLOCK HRS

MGD-104 – VIDEOGRAPHY   **3.0 CR**
Offers an introduction to the principles and techniques of videotape production, including camera operation, basic script writing, lighting, sound, and basic digital editing. Detailed examination of the pre-production, production, and post-production processes, as well as aesthetics, will be included.
67.5 CLOCK HRS

MGD-105 – TYPOGRAPHY & LAYOUT   **3.0 CR**
PREREQUISITE: MGD-101(626); Min. grade C;
Covers the creation and production of graphic projects, emphasizing the layout creative design process, problem solving, and research. Provides experience producing thumbnails and rough and digital layouts emphasizing refined creative typography.
Prev. Course Codes: (GRD-105) (COA-040) (COA-238) 75 CLOCK HRS

MGD-111 – ADOBE PHOTOSHOP I   **3.0 CR**
PREREQUISITE: MGD-101; Min. grade C;
Concentrates on the high end capabilities of a raster photo editing software as an illustration, design and photo retouching tool. Students explore a wide range of selection and manipulation techniques that can be applied to photos, graphics and videos.
75 CLOCK HRS

MGD-112 – ADOBE ILLUSTRATOR I   **3.0 CR**
PREREQUISITE: MGD-101; Min. grade C;
Acquaints students with the processes of a vector drawing program on the computer. Students learn how to use the tools to create digital artwork that can be used in web design, print media, and digital screen design.
Prev. Course Codes: (GRD-225) 75 CLOCK HRS

MGD-118 – DIGITAL COLOR THEORY   **3.0 CR**
PREREQUISITE: MGD-101,MGD-111 MGD-112 ART-131; Min. grade C;
Covers color theory as it relates to multimedia. The psychology of color is taught as well as how to effectively design with color. Students learn how to correct color photographs and create color separations. Color scanning technology is also covered.
Prev. Course Codes: (GRD-110) 60 CLOCK HRS

MGD-133 – GRAPHIC DESIGN I   **3.0 CR**
PREREQUISITE: MGD-105 MGD-111 MGD-112 ART-131; Min. grade C;
Focuses upon the study of design layout and conceptual elements concerning graphic design projects such as posters, advertisements, logos, and brochures.
Prev. Course Codes: (GRD-106) (COA-011) (COA-211) 75 CLOCK HRS

MGD-141 – WEB DESIGN I   **3.0 CR**
PREREQUISITE: CIS-115; Min. grade C-;
Introduces the fundamentals of HTML syntax using a simple text editor to create a web page. Web-safe colors and the use of graphic editors will be explored. Students study Web aesthetics and intuitive interface design. The course emphasizes file organization and layout including tables and frames.
Prev. Course Codes: (CIS-131) (GRD-111) 60 CLOCK HRS

MGD-143 – WEB MOTION GRAPHIC DESIGN I: (SOFTWARE)   **3.0 CR**
PREREQUISITE: MGD-111 MGD-141; Min. grade C;
Stresses creation of animated GIF's and dynamic, interactive media for applications. Students will learn how to draw objects, create symbols, and assemble motion tweens.
Prev. Course Codes: (GRD-120) 60 CLOCK HRS

MGD-175 – SPECIAL TOPICS   **1.0-6.0 CR**
Provides students with a vehicle to pursue special topics of interest. The content of this course is designed on an as needed basis to provide current, up-to-date information.

MGD-203 – DESIGN AND CONCEPT   **3.0 CR**
PREREQUISITE: MGD-133; Min. grade C;
Covers the process of comprehensive problem solving of complex and advanced print design. Provides experience in digital production of designs, using multiple computer applications emphasizing concepts.
Prev. Course Codes: (GRD-220) 75 CLOCK HRS

MGD-204 – VIDEOGRAPHY II   **3.0 CR**
PREREQUISITE: MGD-104; Min. grade C;
Offers advanced study of digital video imaging concepts using digital cameras. Heavy emphasis is placed upon media aesthetics and the creative integration of sight, sound, and motion in student projects.
67.5 CLOCK HRS

MGD-207 – ILLUSTRATION I   **3.0 CR**
PREREQUISITE: ART-121 MGD-133; Min. grade C;
Addresses methods and techniques used in the profession of illustration for advertising, brochures, books and other forms of printed communications. Course concentrates on developing expertise in producing line and continuous tone black and white art with emphasis on design and the creation of art for reproduction.
Prev. Course Codes: (CIS-139) (CIS-137) (CIS-138) (GRD-108) (COA-026) (COA-231) 75 CLOCK HRS

MGD-208 – ILLUSTRATION II   **3.0 CR**
PREREQUISITE: MGD-207(586) ART-122; Min. grade C;
Addresses methods and techniques used in the illustration profession beyond those covered in Illustration I. Course concentrates on developing expertise in producing color art for reproduction.
Prev. Course Codes: (GRD-208) (COA-027) (COA-232) 75 CLOCK HRS

MGD-212 – ADOBE ILLUSTRATOR II   **3.0 CR**
PREREQUISITE: MGD-112; Min. grade C;
Enables the student to continue development of electronic drawing skills through practice and use of state of the art illustration software.
Prev. Course Codes: (GRD-250) 75 CLOCK HRS

MGD-213 – ELECTRONIC PREPRESS   **3.0 CR**
PREREQUISITE: MGD-105 MGD-111 MGD-112; Min. grade C;
Explores in detail the electronic prepress process. Students examine steps for preparing a digital file for trapping, output considerations and proofing techniques. Creating effective electronic designs and efficient use of today's software programs are also covered.
Prev. Course Codes: (GRD-107) (COA-021) (COA-227A) 75 CLOCK HRS

Courses

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MGD-233 – GRAPHIC DESIGN II   3.0 CR
PREREQUISITE: MGD-133; Min. grade C;
Continues instruction in idea development for advanced graphic design.
Prev. Course Codes: (GRD-216) 75 CLOCK HRS

MGD-241 – WEB DESIGN II   3.0 CR
PREREQUISITE: MGD-111 MGD-112 MGD-141; Min. grade C;
Expands on previously learned fundamentals of HTML introducing cascading style sheets, DHTML, JavaScripts, and CGI forms. Color usage and interface design principles are emphasized in this course. In this course we'll examine Web sites that employ more complex structures, optimal site architecture, and navigation necessary for larger and more complex sites.
Prev. Course Codes: (GRD-112) 60 CLOCK HRS

MGD-287 – COOPERATIVE EDUCATION   3.0 CR
PREREQUISITE: MGD-133 MGD-208 MGD-213 PHO-205; Min. grade C;
Provides work experience for students to gain practical work experience related to their educational program.
Prev. Course Codes: (GRD-230C) (COA-030C) (COA-031) (COA-032) (COA-230C) 135 CLOCK HRS

MGD-289 – CAPSTONE   3.0 CR
PREREQUISITE: MGD-133 MGD-208; Min. grade C;
Professional business practices in Graphic Communacations are covered. Additionally, students will design and produce a portfolio demonstrating proficiency in Grapic Communications.
Prev. Course Codes: (GRD-210) 75 CLOCK HRS

Medical Office Technology

MOT-110 – MEDICAL OFFICE ADMINISTRATION   4.0 CR
Introduces the administrative duties specifically used in medical offices.
60 CLOCK HRS

MOT-120 – MEDICAL OFFICE FINANCIAL MANAGEMENT   3.0 CR
Covers the practical uses of accounts and records with emphasis on accounting principles and analysis for use in a medical office.
45 CLOCK HRS

MOT-130 – INSURANCE BILLING AND CODING   3.0 CR
Introduces outpatient coding with an ultimate goal to present a clear picture of medical procedures and services performed (CPT codes), correlating the diagnosis, symptom, complaint, or condition (ICD-9 codes), thus establishing the medical necessity required for third-party reimbursement.
45 CLOCK HRS

Music

✼ MUS-100 – FUNDAMENTALS OF MUSIC   3.0 CR
PREREQUISITE: College-Level Reading;
Designed to help the beginning music student, or students with a limited background in music theory, study the basic elements of music, including notation, rhythms, scales, key signatures, intervals, and chords.
Prev. Course Codes: (MUS-101) (MUS-126) (MUS-181) 45 CLOCK HRS

✼ MUS-112 – EAR TRAINING/SIGHT-SINGING I LAB   1.0 CR
PREREQUISITE: College-Level Reading;
Presents exercises in sight-singing with melodic and rhythmic dictation.
15 CLOCK HRS

🔒 MUS-120 – MUSIC APPRECIATION   3.0 CR
PREREQUISITE: College-Level Reading;
Covers the basic materials of music, musical forms, media, genres, and musical periods. Emphasizes the development of tools for intelligent listening and appreciation.
Prev. Course Codes: (HUM-161) 45 CLOCK HRS

🔒 MUS-121 – MUSIC HISTORY I   3.0 CR
PREREQUISITE: College-Level Reading;
Studies the various periods of music history with regard to the composers, esthetics, forms, and genres of each period. Considers music from the Middle Ages through the Classic periods.
Prev. Course Codes: (MUS-167) 45 CLOCK HRS

🔒 MUS-122 – MUSIC HISTORY II   3.0 CR
PREREQUISITE: MUS-120 or MUS-121; Min. grade C-;
Continues Music History I with a study of music from the early Romantic period to the present.
Prev. Course Codes: (MUS-168) 45 CLOCK HRS

✼ MUS-123 – SURVEY OF WORLD MUSIC   3.0 CR
PREREQUISITE: College-Level Reading;
Provides an overview of non-Western music from around the world; provides basic listening skills and the historical/cultural context for a variety of world music styles to enable an understanding of non-Western musical expression. Note: Requires college-level reading
45 CLOCK HRS

✼ MUS-125 – HISTORY OF JAZZ MUSIC   3.0 CR
PREREQUISITE: College-Level Reading;
Provides an overview of the history of jazz in America and basic listening skills for the understanding and appreciation of jazz music.
45 CLOCK HRS

✼ MUS-131 – MUSIC CLASS   2.0 CR
Applies the fundamentals of music to the voice or specific musical instruments. This course also introduces basic techniques, repertoire, and sight reading.
Prev. Course Codes: (MUS-131A) (MUS-131B) (MUS-151FG) (MUS-270FS) (MUS-116A) (MUS-150GE) 30 CLOCK HRS

✼ MUS-132 – MUSIC CLASS II   2.0 CR
Applies the fundamentals of music to the voice or specific musical instruments. The course also introduces basic techniques, repertoire, and sight reading.
Prev. Course Codes: (MUS-132A) (MUS-132B) (MUS-132A) (MUS-117A) (MUS-148) 30 CLOCK HRS

✼ MUS-133 – MUSIC CLASS III   2.0 CR
Applies the fundamentals of music to the voice or specific musical instruments. The course also introduces basic techniques, repertoire, and sight-reading. First year, third term.
30 CLOCK HRS

✼ MUS-134 – MUSIC CLASS IV   2.0 CR
Applies the fundamentals of music to the voice or specific musical instruments. The course also introduces basic techniques, repertoire, and sight-reading. First year, fourth term.
30 CLOCK HRS

✼ MUS-141 – PRIVATE INSTRUCTION   1.0-2.0 CR
One credit primarily for non-music majors. Two credits for music majors planning to transfer to 4-year schools. Offers private instruction consisting of a thirty or sixty minute lesson per week. Participation in a student performance is required at least once each term for one credit. Regular attendance at and participation in student performances is required for two credits. First year, first term.

✼ MUS-142 – PRIVATE INSTRUCTION   1.0-2.0 CR
One credit primarily for non-music majors. Two credits for music majors planning to transfer to a four-year school. Offers private instruction consisting of a thirty or sixty-minute lesson per week. Participation in a student performance is required at least once each term for one credit. Regular attendance at and participation in student performances is required for two credits. First year, second term.

✼ MUS-151 – ENSEMBLE   1.0 CR
Rehearses and performs various types of musical literature.
Prev. Course Codes: (MUS-151B) (MUS-151CA) (MUS-141) (MUS-150JA) (MUS-150CA) 37.5 CLOCK HRS

✼ MUS-152 – ENSEMBLE II   1.0 CR
Rehearses and performs various types of musical literature.
Prev. Course Codes: (MUS-151JI) (MUS-151MP) (MUS-160BG) (MUS-270MP) (MUS-150BG) 37.5 CLOCK HRS

MUS-175 – SPECIAL TOPICS   1.0-6.0 CR
Provides students with a vehicle to pursue special topics of interest. The content of this course is designed on an as needed basis to provide current, up-to-date information.

✼ MUS-231 – MUSIC CLASS I   2.0 CR
Applies the fundamentals of music to the voice or specific musical instruments. The course also introduces basic techniques, repertoire, and sight-reading. Second year, first term.
30 CLOCK HRS

✼ MUS-232 – MUSIC CLASS II   2.0 CR
Applies the fundamentals of music to the voice or specific musical instruments. The course also introduces basic techniques, repertoire, and sight-reading. Second year, second term.
30 CLOCK HRS

✼ MUS-233 – MUSIC CLASS III   2.0 CR
Applies the fundamentals of music to the voice or specific musical instruments. The course also introduces basic techniques, repertoire, and sight-reading. Second year, third term.
30 CLOCK HRS

✼ MUS-234 – MUSIC CLASS IV   2.0 CR
Applies the fundamentals of music to the voice or specific musical instruments. The course also introduces basic techniques, repertoire, and sight-reading. Second year, fourth term.
30 CLOCK HRS

MUS-275 – SPECIAL TOPICS   1.0-6.0 CR
Provides students with a vehicle to pursue special topics of interest. The content of this course is designed on an as needed basis to provide current, up-to-date information.
Prev. Course Codes: (MUS-290B)

MGD

Natural Resource Education

NRE-102 – INTRODUCTION TO NATURAL RESOURCES MANAGEMENT   **3.0 CR**
Covers an overview of our natural resources, the environmental concerns related to their management, and the agencies in charge of management of natural resources.
Prev. Course Codes: (NRM-100) 45 CLOCK HRS

NRE-121 – INTRODUCTION TO HYDROLOGY   **3.0 CR**
Introduces the movement of ground and surface water. Basic flow equations and graphs are used.
45 CLOCK HRS

NRE-127 – FIELD MONITORING TECHNIQUES   **2.0 CR**
Teaches the basic techniques utilized by land and water environmental technicians. Students will obtain training in the areas of field equipment use and calibration (inclusive of flow meters, water and soil quality instrumentation, etc.). Students will also learn the importance of properly designed data collection efforts and the limitations imposed by data collection and interpretation activities. Application of statistics and GIS data interpretation methods will also be discussed.
Prev. Course Codes: (NRM-127) 45 CLOCK HRS

NRE-175 – SPECIAL TOPICS   **.5-6.0 CR**
Provides students with a vehicle to pursue in-depth exploration of special topics of interest.
Prev. Course Codes: (NRM-175)

NRE-210 – HAZARDOUS & NON-HAZARDOUS WASTE MANAGEMENT   **3.0 CR**
Describes the origin, types, collection, handling, treatment, and disposal of various types of hazardous and non-hazardous wastes. Sanitary landfill construction, land surface application, and mechanical, thermal, and biological processing will be covered. Methods for waste treatment will be discussed. The basic steps of risk management will be covered.
Prev. Course Codes: (HWM-210) 45 CLOCK HRS

NRE-214 – ENVIRONMENTAL ISSUES & ETHICS   **3.0 CR**
Focuses on special environmental problems, current issues, or trends. Traditional and environmental philosophies are discussed. Students debate various environmental issues.
45 CLOCK HRS

NRE-227 – RECLAMATION SITE MONITORING   **3.0 CR**
PREREQUISITE: NRM-115 or GEY-210; Min. grade C-;
Covers the aspects of compliance with local, state, and federal regulations; written reports; oral reporting; and the actual sampling procedures and analysis.
67.5 CLOCK HRS

NRE-235 – WATER & THE WEST   **3.0 CR**
This course will cover water-related conflicts in the West. Topics include natural resources management; impacts of dams; agricultural issues; and laws related to water use, water quality, and quantity.
Prev. Course Codes: (NRM-235) 45 CLOCK HRS

NRE-242 – CONSERVATION GIS – USING ARCVIEW   **3.0 CR**
Uses actual applications and conservation data to teach ArcView GIS and solve common conservation problems.
45 CLOCK HRS

NRE-250 – ENVIRONMENTAL LAW & THE PERMIT PROCESS   **3.0 CR**
Environmental laws on national and state levels are covered, including the following areas: water, air, hazardous waste, forest, range, wildlife, recreation, mining, and land use. Students also role play the steps and politics companies face in applying for permits.
Prev. Course Codes: (nrm-250) 45 CLOCK HRS

NRE-275 – SPECIAL TOPICS   **1.0-6.0 CR**
Provides students with a vehicle to pursue in-depth exploration of special topics of interest.
Prev. Course Codes: (NRM-275)

NRE-287 – COOPERATIVE EDUCATION   **1.0-6.0 CR**
Provides students an opportunity to gain practical experience in applying their occupational skills and/or to develop specific skills in a practical work setting. The instructor will work with the student to select an appropriate work site, establish learning objectives, and to coordinate learning activities with the employer or work site supervisor.
Prev. Course Codes: (NRM-287) 45 CLOCK HRS

NRE-289 – CAPSTONE   **.5-6.0 CR**
Provides a demonstrated culmination of learning within a given program of study.

Nursing Assistant

NUA-101 – CERTIFIED NURSE AIDE HEALTH CARE SKILLS   **4.0 CR**
CO-REQUISITES: NUA-170;
Prepares the student to perform the fundamental skills of the nurse aide. Basic nursing skills, restorative services, personal care skills, safety and emergency care issues are covered in theory and lab. The students will learn skills that address mental health needs as well as patient/resident/client rights.
90 CLOCK HRS

NUA-170 – NURSE ASSISTANT CLINICAL EXPERIENCE   **1.0 CR**
CO-REQUISITES: NUA-101;
Applies knowledge gained from NUA 101 in a clinical setting.
Prev. Course Codes: (NUA-102) 30 CLOCK HRS

NUA-175 – SPECIAL TOPICS   **.5-6.0 CR**
Provides students with a vehicle to pursue in-depth exploration of special topics of interest.
7.5 CLOCK HRS

NUA-275 – HEALTH CARE SEMINAR   **2.0 CR**
Provides students with a vehicle to pursue special topics of interest. The content of this course is designed on an as needed basis to provide current, up-to-date information.
Prev. Course Codes: (NUA-270HC) 30 CLOCK HRS

Nursing

NUR-101 – FUNDAMENTALS OF NURSING WITH LAB   **3.0 CR**
Introduces the student to concepts and principles common to nursing practice. Included are health, wellness, human needs, development across the life span, therapeutic communication, and legal and ethical issues. The two primary nurse theorists of the program, Roy's theory of adaptation and Watson's theory of human caring are presented. This course introduces a wide breadth of content, which is covered more in depth throughout the curriculum. As part of this course the simulation laboratory is used for students to practice skills prior to executing them in a clinical situation. The practice includes the nursing process, critical thinking, and psychomotor skills such as bed baths, catheritization, vital signs, etc. The scientific principles underlying procedures are also covered.
Prev. Course Codes: (NUR-110A) 105 CLOCK HRS

NUR-104 – BASIC HEALTH ASSESSMENT   **1.0 CR**
Introduces the practical nursing student to head-to-toe assessment of a client; newborn, child, and adult. The focus is recognition of normal vs. abnormal. The appropriate technique for assessment of each body system is discussed and demonstrated. Students have the opportunity to practice total assessments in the simulation lab. Additionally, key points of health history are covered with each system.
45 CLOCK HRS

NUR-111 – SOCIALIZATION INTO PRACTICAL NURSING   **1.0 CR**
Introduces roles and responsibilities of the graduate Practical Nurse as defined by established standards, including the Colorado Nurse Practice Act. Emphasis is placed on accountability, delegation, and perspectives in health care. Career and job readiness skills are developed.
Prev. Course Codes: (NUR-181) 15 CLOCK HRS

NUR-112 – CLINICAL EXPERIENCE II   **5.0 CR**
CO-REQUISITES: NUR-151;
PREREQUISITE: NUR-111(434); Min. grade C;
This course provides the student with direct patient care experience using the simple to complex approach. It provides the student opportunities to apply the learned theory and skills particular to patients in a variety of clinical settings. The clinical experience is designed to give students knowledge, understanding, and skills necessary for their role as a member of the health team. Students must pass a Math/Medical exam to pass this course.
150 CLOCK HRS

NUR-113 – CLINICAL EXPERIENCE III   **4.0 CR**
PREREQUISITE: NUR-112 NUR-121(459); Min. grade C;
This course provides the student with direct patient care experience using the simple to complex approach. It provides the student opportunities to apply the learned theory and skills particular to patients in a variety of clinical settings. The clinical experience is designed to give students knowledge, understanding, and skills necessary for their role as a member of the health team.
120 CLOCK HRS

NUR-115 – COMMONALITIES IN NURSING   **2.0 CR**
CO-REQUISITES: NUR-111, NUR-102;
This is an introductory course in the concepts and principles that are common to the practice of nursing. This course consists of concepts that are common to individuals and groups in wellness and illness throughout the lifespan. Included is the health/illness continuum, human needs, stress and adaptation, legal/ethical issues, therapeutic communication, and concepts of mental health.
45 CLOCK HRS

NUR-121 – PHARMOCOLOGY I   **2.0 CR**
The student will learn safe administration of medications to all clients. Emphasis will be placed on pharmacokinetics, administration techniques, and calculations. Considerations of pharmacodynamics will be discussed for different client populations. This course emphasizes application of calculation concepts.
45 CLOCK HRS

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NUR-122 – PHARMACOLOGY II   **1.0 CR**
PREREQUISITE: NUR-101(19169) NUR-104 NUR-121(19173)NUR-140(19174) NUR-170; Min. grade C;
The student will learn additional concepts related to the action and interaction of drugs, pharmacokinetics and pharmacodynamics. Emphasis is on the nursing process and will be used to implement safe medication administration in clients. The student will correlate pharmacology principles to disease processes.
22.5 CLOCK HRS

NUR-130 – CLINICAL CALCULATIONS IN NURSING   **3.0 CR**
This course will focus on the reading and interpretation of medication orders and labels, calculations of dosages for safe administration of medications in all age groups, and in a variety of clinical agencies. It includes conversion of drug dosages among and within the three systems of measurement (i.e., metric, apothecary, and household).
45 CLOCK HRS

NUR-140 – MEDICAL-SURGICAL NURSING: GERONTOLOGY   **1.0 CR**
This first medical-surgical course introduces care of the older adult. The impact of the rapidly growing segment of the population over 65 on nursing and health care is discussed. The biopsychosocial changes in the elderly are reviewed with focus on normal vs. abnormal. The student is introduced to the experience of growing older through various strategies, including repeated contact with an older adult.
15 CLOCK HRS

NUR-141 – MEDICAL-SURGICAL NURSING II   **2.0 CR**
PREREQUISITE: NUR-101(19169) NUR-104 NUR-121(19173)NUR-140(19174) NUR-170; Min. grade C;
Provides the beginning nursing student an introduction to common medical-surgical conditions in adult clients. Includes study of the etiology, manifestations, treatment, and nursing care of common medical surgical disorders. Emphasizes use of the nursing process in assisting individuals achieve their optimal level of wellness.
60 CLOCK HRS

NUR-151 – MEDICAL SURGICAL NURSING I   **3.0 CR**
CO-REQUISITES: NUR-112;
PREREQUISITE: NUR-102; Min. grade C;
Provides the beginning nursing student an introduction to common medical surgical conditions in adult clients. Includes study of the etiology, manifestations, treatment, and nursing care of common medical surgical disorders. Emphasizes use of the nursing process in assisting individuals to achieve their optimal level of wellness.
67.5 CLOCK HRS

NUR-152 – MEDICAL SURGICAL NURSING II   **2.0 CR**
CO-REQUISITES: NUR-113;
PREREQUISITE: NUR-112; Min. grade C;
This course is a continuation of NUR 151 and is designed to give the student an understanding of the disease process and its relationship to health and illness. It will include etiology, manifestations, and treatment of disease conditions.
45 CLOCK HRS

NUR-161 – BASIC CONCEPTS OF MATERNAL-NEWBORN & PEDIATRIC NURSING   **3.0 CR**
PREREQUISITE: NUR-101(19169) NUR-104 NUR-121(19173)NUR-140(19174) NUR-170; Min. grade C;
Provides the learner with a basic understanding of the nursing care of both the well and sick: childbearing

NUR

client, newborn, and child within the role of the LPN. Emphasis is placed on the normal growth and development from embryology, infancy, and adolescence through to the childbearing family. Theory is related to the nursing care of well and sick clients in various settings, and the impact of obstetric and pediatric care on the family. Relevant psychosocial, ethno-cultural, and family concepts are integrated throughout.
Prev. Course Codes: (NUR-171) 45 CLOCK HRS

NUR-170 – CLINICAL I (FUNDAMENTALS)   **1.5 CR**
This first clinical practicum course introduces the student to using content from didactic courses in providing care to selected nursing home residents. Students will communicate with clients and nursing home health care team. They will collaborate with the team and clinical instructor and use the nursing process to provide care to clients. Students will perform skills learned in the simulation lab in this "real world" situation.
67.5 CLOCK HRS

NUR-171 – CLINICAL II (MEDICAL-SURGICAL)   **3.5 CR**
PREREQUISITE: NUR-101(19169) NUR-104 NUR-121(19173)NUR-140(19174) NUR-170; Min. grade C;
Provides the student with direct patient care experiences using the simple to complex approach. It provides the student opportunities to apply the learned theory and clinical skills particular to individuals and families in a variety of settings. The clinical experiences are designed to give students knowledge, understanding, and skills necessary for their role as members of the health care team.
157.5 CLOCK HRS

NUR-172 – CLINICAL III (MATERNAL-NEWBORN & PEDIATRIC)   **1.0 CR**
PREREQUISITE: NUR-101(19169) NUR-104 NUR-121(19173)NUR-140(19174) NUR-170; Min. grade C;
This is a foundation course that introduces the learner to the environment of the childbearing client, newborn, child, and family. The course provides an opportunity for the learner to apply the principles learned in Basic Concepts of Maternal-Newborn and Pediatric Nursing.
45 CLOCK HRS

NUR-173 – CLINICAL IV (MED-SURG LDRSH)   **3.0 CR**
PREREQUISITE: NUR-101(19169) NUR-104 NUR-121(19173)NUR-140(19174) NUR-170; Min. grade C;
Provides the student with direct patient care experience using the simple to complex approach using the nursing process. It provides the student opportunities to apply learned theory and skills in meeting the nursing needs of adults across the life span. Utilizing the nursing process, the student is expected to integrate prior and current learning concepts to assist the patient and family in achieving optimal functioning. The clinical experience is designed to give students knowledge, understanding, and skills necessary for their role as care provider, teacher, and advocate as a health team member.
135 CLOCK HRS

NUR-175 – SPECIAL TOPICS   **1.0-6.0 CR**
Provides students with a vehicle to pursue special topics of interest. The content of this course is designed on an as needed basis to provide current, up to date information.

NUR-176 – GERONTOLOGY   **3.0 CR**
This course provides the foundation for the practice of gerontological nursing. Age related changes and risk factors in older adults are examined. The course will focus on assessment and intervention techniques and theories that help older adults achieve and maintain the highest possible level of functioning.
45 CLOCK HRS

NUR-177 – MEDICAL GRAND ROUNDS   **3.0 CR**
Updated health care information on a variety of topics, such as HIV/Aids, TB, Hepatitus, Asthma, Teen Issues, and others will be presented by health care providers practicing in various community health settings. Discussion will center on both didactic material and realistic experiences.
45 CLOCK HRS

NUR-210 – MENTAL HEALTH NURSING   **2.0 CR**
CO-REQUISITES: NUR-211;
This course is a study of mental health and illness across the life span. It emphasizes psychological development theories, principles of therapeutic communication, and individual, group, and family systems. The nursing process will be applied, using the above content, in developing appropriate treatment modalities.
45 CLOCK HRS

NUR-211 – MENTAL HEALTH NURSING CLINICAL EXPERIENCE   **2.0 CR**
CO-REQUISITES: NUR-210;
This course is the clinical application of the concepts of mental health and illness across the lifespan. It emphasizes the psychological development theories, principles of therapeutic communication, and individual, group, and family systems. The nursing process will be applied in developing and implementing treatment modalities.
60 CLOCK HRS

NUR-212 – COMPREHENSIVE MEDICAL-SURGICAL NURSING CLINICAL EXPERIENCE   **5.5 CR**
CO-REQUISITES: NUR-215;
Application of medical/surgical nursing concepts and nursing management as it relates to specific disease processes using a body systems approach. Clinical experiences focus on the integration of knowledge and skills when providing safe and effective nursing care to clients who are viewed as biopsychospiritual beings with body system disorders.
124 CLOCK HRS

NUR-215 – COMPREHENSIVE MEDICAL SURGICAL NURSING   **3.0 CR**
Study of the medical/surgical nursing concepts and nursing management related to specific disease processes using a body systems approach. Emphasizes use of the nursing process in assisting individuals who are viewed as biopsychosocial beings to adapt to their optimal level of wellness
67.5 CLOCK HRS

NUR-216 – LEADERSHIP/NURSING MANAGEMENT   **1.0 CR**
Study of the management concepts related to nursing practice in various health care settings. Emphasizes leadership and critical thinking skills in relation to the registered nurse's responsibility while providing care for patients and/or groups of patients.
22.5 CLOCK HRS

NUR-220 – COMPREHENSIVE CONCEPTS OF OBSTETRIC & PEDIATRIC NURSING CARE   **2.0 CR**
CO-REQUISITES: NUR-221;
Provides a course in the nursing care of children and the childbearing family. The focus is on normal

❋ Applies to CMC AA/AS degree   🔒 Colorado State Guaranteed Transfer Course   NOTE: Not all courses are offered at every campus each term.

pregnancy, physiologic and psychological changes experienced, and care of the newborn. Introduces the role of the nurse in meeting the individual needs of the child from infancy through adolescence in health and illness. Basic growth and development, pathophysiology, nutrition, and relevant emotional and family concepts are integrated throughout. Emphasis is on the nursing process and applying it to identify and meet the needs of children and the childbearing family to facilitate optimal functioning. The impact of psychosocial and cultural values and practices of the family are explored.
45 CLOCK HRS

NUR-221 – COMPREHENSIVE OBSTETRICAL & PEDIATRIC NURSING CLINICAL EXPERIENCE   3.5 CR
CO-REQUISITES: NUR-220;
Continues to focus on the role of the professional nurse as care provider, teacher, manager, professional, and advocate in meeting the comprehensive care needs of children and childbearning families. Develops skills of nursing assessment across the life span using effective communiction, interview techniques, and physical assessment. The course develops critical thinking skills in assessment, data analysis, and derivation of actual/potential health needs.
79 CLOCK HRS

NUR-222 – EXPANDED OBSTETRICAL & PEDIATRIC NURSING CLINICAL EXPERIENCE   3.0 CR
CO-REQUISITES: NUR-225;
Offers the clinical practicum to apply the related nursing theory. Expands utilization of the nursing process; the student is expected to integrate previous learning to assist the patient and family in achievving optimal functioning in various complex obstetrical and pediatric situations and settings. The course broadens critical thinking skills in assessment, pharmaceutical management, and derivation of plan of care.
67.5 CLOCK HRS

NUR-224 – ROLE TRANSITION   1.0 CR
Study of the challenges and dynamics that impact the transition from the role of LPN to the role of professional nurse.
22.5 CLOCK HRS

NUR-225 – NURSING CARE OF COMPLEX OBSTETRICAL & PEDIATRIC CLIENTS & FAMILIES   3.0 CR
CO-REQUISITES: NUR-222;
Prepares the professional nurse to comprehend and apply advanced concepts in the care of the high-risk childbearing family and for children with complex health problems from birth through adolescence. Emphasizes special needs and complicatons during the perinatal experience and altered functioning, special needs, and disease processes manifested in children. The nursing process is used as a framework to attain optimal levels of maternal, newborn, and pediatric health and wellness. Legal, ethical, and accountability principles are integrated throughout. Critical thinking skills are expanded.
67.5 CLOCK HRS

NUR-275 – SPECIAL TOPICS   1.0-6.0 CR
Provides students with a vehicle to pursue topics of interest. The content of this course is designed on an as needed basis to provide current, up to date information.

Occupational Safety Technicial

OSH-100 – INTRODUCTION TO OCCUPATIONAL SAFETY & HEALTH   1.0 CR
Introduces the student to the occupational safety and health field. Subject topics include general safety and health concepts and terms; historical developments; legislative overview; environmental/safety regulatory framework; hazard identification, recognition, evaluation and control concepts; accident investigation; and ergonomics.
15 CLOCK HRS

OSH-115 – GENERAL INDUSTRY STANDARDS   5.0 CR
Provides an in-depth OSHA certification course for the general industry, and a review of the current OSHA standards contained in 29 CFR 1910. Participants who complete the course will receive a certificate of completion from the United States Department of Labor, Occupational Safety and Health Administration. The course is taught by instructors certified by the Occupational Safety and Health Administration.
75 CLOCK HRS

OSH-116 – 30 HR OSHA VOLUNTARY COMPLIANCE   3.0 CR
Provides a 30 hour OSHA certification course for general industry. Participants will review the current OSHA standards contained in 29 CFR 1910 and participants that complete the course will receive a certificate of completion from the United States Department of Labor, Occupational Safety and Health Administration. The course is taught by instructors certified by the Occupational Safety and Health.
Prev. Course Codes: (MOS-117) (MOS-011) (OSH-115) 45 CLOCK HRS

OSH-151 – HAZARDOUS WASTE: CHARACTER HEALTH 2.0 CR
This course covers working on hazardous waste sites, reviews chemical interactions and effects, with an emphasis on health and safety plans. Also included is the use of personal protective apparatus and monitoring instruments. Sampling, handling, labeling, emergency responses, decontamination, and "right to know" laws are covered.
Prev. Course Codes: (EPT-151) (HWM-210) (HWM-215) 30 CLOCK HRS

OSH-152 – HAZARDOUS WASTE: OPERATIONS & EMERGENCY RESPONSE   3.0 CR
This course meets the 40-hour O.S.H.A. training requirement for working on hazardous waste sites and reviews chemical interactions and effects with an emphasis on health and safety plans. Also includes use of personal protective apparatus and monitoring instruments. Sampling, handling, labeling, emergency responses, decontamination, and "right to know" laws are covered.
Prev. Course Codes: (EPT-152) (HWM-211) 67.5 CLOCK HRS

OSH-175 – SPECIAL TOPICS   1.0-6.0 CR
Provides students with a vehicle to pursue special topics of interest. The content of this course is designed on an as needed basis to provide current, up-to-date information.

Outdoor Studies

✳ OUT-111 – MOUNTAIN ORIENTATION   2.0 CR
A concentrated field experience in the Colorado mountain environment is provided in this course. Emphasis is on backpacking skills, safety procedures, ecology, geology, geography, and group dynamics.
Prev. Course Codes: (OUT-151) 60 CLOCK HRS

✳ OUT-112 – DESERT ORIENTATION   2.0 CR
A concentrated field experience in a desert environment is provided in this course. Emphasis is on procedures for group travel and camping, ecology, geography, and safety.
Prev. Course Codes: (OUT-152) 60 CLOCK HRS

✳ OUT-113 – CANYON ORIENTATION   2.0 CR
Encounters the environment of the Canyonlands, Colorado Plateau, or the Grand Canyon where students develop proficiency in canyon travel, group camping, and will explore the geology, geography, and ecology of the canyon country.
60 CLOCK HRS

✳ OUT-114 – SNOW ORIENTATION   2.0 CR
A concentrated field experience in snow-covered terrain and winter mountaineering is provided. Emphasis is on orienteering, natural shelter construction, site selection, and survival first aid.
Prev. Course Codes: (OUT-154) 60 CLOCK HRS

✳ OUT-118 – RIVER ORIENTATION   2.0 CR
Provides whitewater boat handling and water reading skills through experience on selected rivers. Students will learn river trip planning, river safety procedures, equipment, logistics, camp management, hazard evaluation, the natural history and archeology of river environments, and minimum environmental impact on river environments. You must be at least 17 years old on the first day of class to take this course.
60 CLOCK HRS

OUT-119 – SWIFT WATER RESCUE TECHNICIAN I   1.0 CR
Trains and certifies river professionals and recreational users how to handle emergencies and rescue situations on the river. Topics include shallow water crossing, river swims, swimming rescues, shore-based rescues, boat handling and boat based rescues, related equipment, and communication in a variety of rescue situations. You must be at least 17 years old on the first day of class to take this course.
30 CLOCK HRS

✳ OUT-120 – ORIENTEERING   1.0 CR
Become familiar with backcountry navigation. Wilderness travel potential will be expanded by learning the proper use of maps, compass, and other tools.
30 CLOCK HRS

OUT-121 – WHITEWATER RAFTING   1.0 CR
CO-REQUISITES: OUT-127, OUT-204;
This field experience course provides whitewater experience on selected rivers in Colorado and Utah. Students will learn river trip planning, safety procedures, equipment, logistics, camp management, hazard evaluation, and minimum environmental impact on environments. Safe and efficient river travel, leadership and judgment development are emphasized. You must be at least 17 years old on the first day of class to take this course.
25 CLOCK HRS

Courses

OUT

OUT

OUT-123 - TELEMARK SKIING 1.0 CR
CO-REQUISITES: OUT-134, OUT-215;
The skills of telemark, or backcountry nordic skiing techniques used on beginning to intermediate terrain, safe and efficient backcountry ski travel, leadership, and judgment development will be emphasized.
25 CLOCK HRS

OUT-126 - ICE CLIMBING 1.0 CR
CO-REQUISITES: OUT-135, OUT-214;
Introduces technical (roped) ice climbing, including equipment selection and safety, knots, belaying and climbing, rappelling, and climbing safety. Safe, fast and efficient ice climbing, leadership, ice climbing site management, and judgment development will be emphasized.
25 CLOCK HRS

OUT-127 - RIVER KAYAKING 1.0 CR
CO-REQUISITES: OUT-121, OUT-204;
Provides basic kayak and water reading skills. The student will learn boating safety, hazard evaluation, terminology, whitewater river reading skills, paddling strokes, bracing techniques including wet exits, Eskimo rescues, and introduction to the Eskimo roll. Safe, efficient river travel, leadership, and judgment will be emphasized. You must be at least 17 years old on the first day of class to take this course.
25 CLOCK HRS

OUT-128 - BACKCOUNTRY SNOWBOARDING 1.0 CR
Backcountry snowboarding skills and control techinques will be covered in this course. An introduction to the skills of carving and negotiating backcountry terrian, freestyle, and moguls will also be taught. Students will learn how to travel safely and efficiently in the backcountry environment. Outdoor leadership and group handling will be emphasized.
22.5 CLOCK HRS

OUT-134 - INTERMEDIATE TELEMARK SKIING 1.0 CR
This course provides instruction in intermediate telemark skiing techniques. Topics include ski travel on intermediate terrain. Safe and efficient backcountry telemark skills, judgment, leadership, communication, group handling, and telemark ski technique will be emphasized.
22.5 CLOCK HRS

OUT-135 - INTERMEDIATE ICE CLIMBING 1.0 CR
This course continues to develop proficiency in technical ice climbing, including equipment selection and safety, knots, belaying and climbing, rappelling, and climbing safety. Safe, fast and efficient ice climbing, leadership, ice climbing site management, and judgment development will be emphasized.
22.5 CLOCK HRS

OUT-160 - LEVEL I AVALANCHE SEMINAR 1.0 CR
This professional seminar is for persons interested in snow and avalanche phenomena, hazard evaluation, backcountry travel procedures, rescue techniques, and/or ski area avalanche forecasting and avalanche hazard mitigation. Students will receive a certificate of completion stating that the course was taught following the guidelines of the American Avalanche Association.
Prev. Course Codes: (OUT-270AA) (OUT-270AV) (SAO-162) (OUT-012) (OUT-270AW)
22.5 CLOCK HRS

OUT-164 - ALPINE RESCUE: SNOW, ICE, CREVASSE 2.0 CR
An intensive field course covering rescue in alpine environments. Students will review patient assessment, treatment, and evacuation. Students will have an opportunity to review ropework, anchor systems, rappelling, ascending, and belaying. In a backcountry alpine setting students will learn the challenging techniques of crevasse, and snow and ice rescue. Specific attention will be placed on safe travel techniques, escaping belays, lowering, and uphauls. Students will participate in a mock rescue situation, challenging their knowledge of patient assessment and their abilities to perform a safe, quick response to a rescue in a wilderness setting. Must hold a current EMT-Basic certification and have experience with climbing and rope handling.
45 CLOCK HRS

OUT-166 - HIGH ANGLE RESCUE (VERTICAL ROPE RESCUE) 2.0 CR
An intensive rigging course that addresses rescue in vertical terrain. The course will review safety systems, anchor systems, and lowering/uphaul systems. Scenario-based instruction will cover technical lowers and uphauls of the injured climber, guidelines, pickoff, third man medical, and other practical high-angle rescue techniques.
45 CLOCK HRS

OUT-175 - SPECIAL TOPICS 1.0-6.0 CR
Provides students with a vehicle to pursue special topics of interest. The content of this course is designed on an as needed basis to provide current, up-to-date information.
15 CLOCK HRS

✽ OUT-187 - INTERNSHIP: OUTDOOR LEADERSHIP 1.0-6.0 CR
Provides work experience for students to gain practical work experience related to their educational program.
Prev. Course Codes: (OUT-130B) (OUT-280) (REC-221) (REC-258) 45 CLOCK HRS

OUT-204 - EXPEDITION LEADERSHIP: RIVER FIELD EXPERIENCE 2.0 CR
CO-REQUISITES: OUT-121, OUT-127;
PREREQUISITE: OUT-118; Min. grade C-;
Develops knowledge, techniques, approaches, and methodology for teaching and leading safe river travel. Students will develop teaching and leading skills in all aspects of river travel via rafts, canoes, or kayaks. Emphasis will be on safety and judgment in teaching and leading activities in a river environment.
52.5 CLOCK HRS

OUT-205 - EXPEDITION LEADERSHIP: WINTER FIELD EXP 2.0 CR
PREREQUISITE: OUT-114; Min. grade C-;
Develops knowledge and techniques focusing on approaches and methodology for teaching and leading safe winter travel expeditions. Topics include selection, use, and care of equipment, safety and liability, permitting agencies, and navigation in winter environments.
52.5 CLOCK HRS

OUT-206 - EXPEDITION LEADERSHIP: WILDERNESS FIELD 2.0 CR
PREREQUISITE: OUT-111(495) OUT-112 OUT-113(499); Min. grade C-;
This course develops knowledge, techniques, approaches, and methodology for teaching and leading wilderness travel experiences. Topics include backpacking, navigation, minimum impact camping, selection, use and care of equipment, safety and liability considerations, permitting agencies, and physical and emotional requirements appropriate to wilderness field experiences.
52.5 CLOCK HRS

OUT-208 - EXPEDITION LEADERSHIP BACKCOUNTRY SKIING 2.0 CR
PREREQUISITE: OUT-134; Min. grade C-;
This course develops knowledge, techniques, approaches, and methodology for teaching and leading safe cross country and telemark skiing trips. Students will develop teaching and leading skills in all aspects of snow travel via cross country and telemark skis. Emphasis will be on safety and judgment in teaching and leading activities in a winter environment.
52.5 CLOCK HRS

✽ OUT-210 - SURVIVAL SKILLS 1.0 CR
Covers the requirements for staying alive in the backcountry, including deserts and mountains. Topics include the psychology of crisis, individual and group responsibility, decision making, use of resources, and natural hazards.
Prev. Course Codes: (OUT-031) 15 CLOCK HRS

OUT-211 - OUTDOOR LEADERSHIP SKILLS 2.0 CR
Outdoor leadership theory, skills and trip planning will be emphasized. Risk management, permitting agencies, group dynamics, team building, and outdoor skills will also be put into practice.
Prev. Course Codes: (OUT-022) 45 CLOCK HRS

OUT-214 - EXPEDITION LEADERSHIP: ICE CLIMBING 2.0 CR
A concentrated field experience in the techniques of ice climbing instruction, group leadership, and intermediate/advanced ice climbing. Emphasis will be placed on teaching technique, safety, climbing, site management, rescue, and ethics.
52.5 CLOCK HRS

OUT-215 - EXPEDITION LEADERSHIP: TELEMARK SKIING 2.0 CR
Intermediate and advanced techniques of telemark skiing in the back country is emphasized during this field experience. Curriculum taught will focus on group leadership in a backcountry setting. Navigation and route selection, avalanche awareness, and other safety concerns will be emphasized.
52.5 CLOCK HRS

OUT-216 - CHALLENGE COURSE FACILITATION 2.0 CR
PREREQUISITE: PSY-211; Min. grade C-;
Provides approaches to challenge course management including construction and maintenance of high and low elements, facilitation and group dynamics, risk management and safety, and challenge course philosophies.
60 CLOCK HRS

OUT-220 - OCEAN ORIENTATION 2.0 CR
Provides marine navigation, sea kayak handling, and skills necessary for safe and efficient marine travel. Students will learn trip planning, safety, equipment, camp management, hazard evaluation, and environmental impact on ocean environments. Navigation skills, safe and efficient travel, leadership, and judgment development will be emphasized. You must be at least 17 years old on the first day of class to take this course.
60 CLOCK HRS

OUT-230 - KAYAK TOURING LEADERSHIP BLOCK 4.0 CR
PREREQUISITE: OUT-211; Min. grade C-;
Provides basic and intermediate sea kayaking skills. Students will learn boating skills, kayaking packing, safety evaluation and avoidance, navigation, terminology, basic paddle strokes, bracing, launching and landing in flat water, marine communication protocols, deep water wet exits and assisted/unassisted wet entries, safe and efficient kayak touring, leadership and judgment related to sea kayaking, rough water

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capsize procedures, towing, launching and landing in moderate surf, tides and currents, rough water assisted/unassisted entries, Eskimo rolls, Maritime Rules of the Road, teaching techniques, safety, group management on the water, rescue, transporting injured boaters, and ethics. You must be at least 17 years old on the first day of class to take this course.
100 CLOCK HRS

OUT-232 - MOUNTAINEERING LEADERSHIP BLOCK   4.0 CR
PREREQUISITE: OUT-211 OUT-234 OUT-120; Min. grade C-;
This course covers beginning through intermediate skills required for technical mountaineering in an alpine environment. Topics include land navigation, route finding, hiking, techniques necessary for safe and efficient technical mountain travel, rope and steep snow climbing, crevasse rescue, and glacier travel techniques. Interpersonal topics including mountaineering leadership, communication, group handling, and the development of judgment relating to groups traveling in the mountain environment will be emphasized. Students will also develop knowledge, techniques, approaches, and methodology for teaching and leading safe mountaineering expeditions.
100 CLOCK HRS

OUT-234 - ROCK CLIMBING LEADERSHIP BLOCK   4.0 CR
PREREQUISITE: OUT-211; Min. grade C-;
A multi-day rock climbing course for Outdoor Reacreation Leadership majors. This course includes developing skills in beginning and intermediate rock climbing techniques on a variety of rock media; rope handling; knots; rappelling and rescue techniques; safety procedures; rock site management; top rope and lead climbing anchor placements; top belay; sling-shot belay; and mock-lead climbing; equipment care, use, and maintenance; and communication, group handling, and judgment in the context of rock climbing. Students will also develop knowledge, techniques, approaches, and methodology for teaching and leading all aspects of rock climbing expeditions. Emphasis will be on safety and judgment in teaching and leading rock climbing activities.
100 CLOCK HRS

OUT-236 - ICE CLIMBING LEADERSHIP BLOCK   4.0 CR
PREREQUISITE: OUT-160 OUT-211; Min. grade C-;
Develops the knowledge and skills necessary to instruct and safely lead a group on an ice climbing experience.
100 CLOCK HRS

OUT-238 - TELEMARK SKIING LEADERSHIP BLOCK   4.0 CR
PREREQUISITE: OUT-160 OUT-114; Min. grade C-;
Develops the knowledge and skills necessary to safely lead a group on a backcountry telemark skiing experience.
100 CLOCK HRS

OUT-240 - WHITEWATER PADDLING LEADERSHIP BLOCK   4.0 CR
PREREQUISITE: OUT-211; Min. grade C-;
Develops the knowledge and skills necessary to instruct and safely lead a group on a whitewater paddling experience using either whitewater rafts or kayaks. You must be at least 17 years old on the first day of class to take this course.
100 CLOCK HRS

OUT-260 - LEVEL II AVALANCHE SEMINAR   2.0 CR
PREREQUISITE: OUT-160; Min. grade C-;
This seminar is for persons interested in enhancing their understanding of snow and avalanche phenom-

ena, hazard evaluation, rescue, avalanche forecasting and avalanche hazard mitigation. Students will receive a certificate of completion stating that the course was taught following the guidelines of the American Avalanche Association.
Prev. Course Codes: (SAO-163) (SAO-160) (SAO-047AC) (SAO-247AC) 37.5 CLOCK HRS

OUT-275 - SPECIAL TOPICS   1.0-6.0 CR
Provides students with a vehicle to pursue special topics of interest. The content of this course is designed on an as needed basis to provide current, up-to-date information.
Prev. Course Codes: (OUT-290C) (OUT-290B) (OUT-290A) 15 CLOCK HRS

✳ OUT-287 - INTERNSHIP: OUTDOOR LEADERSHIP   1.0-6.0 CR
Provides work experience for students to gain practical work experience related to their educational program.
Prev. Course Codes: (OUT-130A) 15 CLOCK HRS

OUT-295 - INTEGRATING OUTDOOR LEADERSHIP   1.0 CR
This capstone course emphasizes how outdoor recreation leadership can be integrated into future employment opportunities as well as future educational plans. Students will develop a professional portfolio including a summation of activities at CMC such as class notes, syllabi, exams and quizzes, research papers, earned certificates, handouts, and professional resume.
15 CLOCK HRS

Physical Education

✳ PED-100 - BEGINNING GOLF   1.0 CR
This course is a basic course in golf designed for those who have had little or no formal instruction or for those with some experience who are interested in improving some aspect of their game. Driving range, putting green, and on course play are included.
Prev. Course Codes: (PED-164) (PAC-136) (PAC-151F) 30 CLOCK HRS

✳ PED-103 - SOFTBALL   1.0 CR
Introduces and improves skill level in softball. Emphasizes the elements of softball including rules of play, variations of play, equipment, skill technique, and offensive and defensive play and strategies.
Prev. Course Codes: (PED-177) (PAC-210) 30 CLOCK HRS

✳ PED-105 - BASKETBALL   1.0 CR
Introduces basketball and focuses on improving student skill level. Emphasizes teaching the student the elements of basketball rules, offensive and defensive footwork, shooting, passing, dribbling, rebounding, team play, and game strategies.
30 CLOCK HRS

✳ PED-106 - TENNIS   1.0 CR
Introduces tennis and focuses on improving the skill level of the student. Emphasizes the elements of tennis including the rules of the game, groundstrokes, serving, the various shots, and singles and doubles play and strategies.
Prev. Course Codes: (PED-157) (PAC-131) (PAC-151E) 30 CLOCK HRS

✳ PED-107 - SOCCER   1.0 CR
This course will give the student the opportunity to gain knowledge and skills in the subject of soccer,

including history, governing organizations, laws of the game, skills techniques, offensive and defensive tactics, and conditioning.
Prev. Course Codes: (PED-181) (PAC-206) (PAC-151S) 30 CLOCK HRS

✳ PED-108 - BEGINNING SWIMMING   1.0 CR
Teaches the fundamentals of swimming including the front crawl, elementary backstroke, back crawl, and the fundamentals of treading water. Students may also be introduced to the breaststroke and sidestroke and the basics of turning at a wall. This course is for the non-swimmer or novice swimmer looking to improve aquatic skills.
Prev. Course Codes: (PED-165) (PAC-141) (PAC-151G) 30 CLOCK HRS

✳ PED-109 - ADVANCED SWIMMING   1.0 CR
PREREQUISITE: PED-108; Min. grade C-;
Builds on PED 108 and enables the student to coordinate and refine the major swimming strokes. Examines the butterfly stroke, open turns, and surface dives. Students develop endurance swimming using the primary swimming strokes.
Prev. Course Codes: (PED-166) (PAC-142) (PAC-152G) 30 CLOCK HRS

✳ PED-112 - CONDITIONING LAB   1.0 CR
Offers an independent self-paced format of conditioning exercises to meet individual needs. Emphasizes the value of lifetime fitness and its contribution to achieving personal health and wellness. Students utilize cardio-respiratory, muscular strength, and endurance exercises to promote positive changes in health-related fitness components.
30 CLOCK HRS

✳ PED-116 - WEIGHT TRAINING   1.0 CR
Offers basic instruction and practice in weight training. Students utilize weight training equipment in accordance with their abilities and goals. Emphasizes weight training equipment orientation, correct lifting techniques, and basic program design for men and women.
Prev. Course Codes: (PAC-196A) (PAC-196) (PAC-151Q) 30 CLOCK HRS

✳ PED-119 - FITNESS CIRCUIT TRAINING   1.0 CR
Examines a number of different circuit training programs. Emphasizes the development of cardiovascular endurance, muscular strength and endurance, flexibility, and a healthy body composition to meet individual needs.
30 CLOCK HRS

✳ PED-121 - STEP AEROBICS   1.0 CR
Introduces basic step aerobics and exercise techniques to improve physical fitness. Emphasizes the basic principles of step aerobics including the effects upon the cardio-respiratory system and skeletal muscles, various step patterns, and choreography.
30 CLOCK HRS

✳ PED-123 - BICYCLE TOURING   1.0 CR
Introduces bicycle touring over a variety of terrains and distances. Selection and maintenance of equipment, pre-tour conditioning, safety, and dietary factors will be covered.
Prev. Course Codes: (PAC-205A) (PAC-150) (PAC-151L) (PED-174) 30 CLOCK HRS

Courses

PED

PED

✽ PED-124 - MOUNTAIN BIKING 1.0 CR
Introduces basic mountain biking skills and techniques. The primary emphasis is to gain an understanding of the basic principles of mountain biking. Students develop skills and techniques for all riding situations, review bicycle anatomy, and basic maintenance and repairs.
30 CLOCK HRS

✽ PED-125 - BOWLING 1.0 CR
Introduces bowling fundamentals to improve the student's skill level. The primary emphasis is on teaching the student the elements of bowling, rules and regulations, footwork, courtesies, delivery, selection of ball, scoring, and team and individual competition.
30 CLOCK HRS

✽ PED-126 - WATER AEROBICS 1.0 CR
Offers water exercise to develop physical fitness. Includes instruction in a variety of water exercises and vigorous activities to develop cardiovascular and muscular endurance, flexibility,and the promotion of body composition management.
Prev. Course Codes: (PAC-226) (PAC-151ZD)
30 CLOCK HRS

✽ PED-127 - INTRODUCTION TO FLY-FISHING 1.0 CR
Enables the student to gain the knowledge and skill of the fine art of fly-fishing, including selection and use of appropriate equipment, fly-casting techniques, fly-fishing entomology, and guiding techniques. Includes several field trips to local fly-fishing areas. You must be at least 17 years old on the first day of class to take this course.
Prev. Course Codes: (PED-185) (PED-185A) (PAC-245) 30 CLOCK HRS

✽ PED-129 - SCUBA DIVING 1.0 CR
PREREQUISITE: PED-108; Min. grade C-;
Provides basic instruction in scuba diving. Focuses on the knowledge and skills related to swimming and snorkeling, diving equipment, communications, the environment, safety, dive tables, and other pertinent information a student needs for safe scuba diving. This course prepares the student for open water (PADI) certification.
Prev. Course Codes: (PED-1662) (PAC-143) (PAC-151H) 30 CLOCK HRS

✽ PED-133 - BEGINNING SNOWBOARDING 1.0 CR
Serves as a basic snowboarding course designed for those who have had little or no prior snowboarding experience. Incorporates a combination of on-the-snow classes at an established ski area and classroom instruction.
Prev. Course Codes: (PED-152) (PAC-116) (PAC-119) 30 CLOCK HRS

✽ PED-134 - ADVANCED SNOWBOARDING 1.0 CR
PREREQUISITE: PED-133; Min. grade C-;
Introduces advanced snowboarding designed for those with prior snowboarding experience and can link skidded turns with good speed and control on green and blue terrain. Covers a combination of on-the-snow classes at an established ski area and classroom instruction.
Prev. Course Codes: (PED-154) (PAC-118) (PAC-119C) 30 CLOCK HRS

✽ PED-135 - INTERMEDIATE TENNIS 1.0 CR
PREREQUISITE: PED-106(146); Min. grade C-;
Introduces advanced instruction and practice for students who already have playing experience and skill in the basic strokes. Emphasizes learning the lob, smash, half-volley, serve variations and tennis strategy for singles and doubles.
30 CLOCK HRS

✽ PED-136 - ADVANCED WEIGHT TRAINING 1.0 CR
PREREQUISITE: PED-116(119); Min. grade C-;
Offers guided instruction and independent practice in weight training for men and women. Students practice various weight training techniques in accordance with their abilities. Emphasizes physiological considerations, equipment orientation, correct lifting techniques, program design, and nutrition.
Prev. Course Codes: (PAC-197) (PAC-152Q)
30 CLOCK HRS

✽ PED-139 - BEGINNING TELEMARK SKIING 1.0 CR
Provides instruction in the basic techniques of the telemark turn on gentle terrain using cross country skis.
Prev. Course Codes: (PED-148) (PAC-110) (PAC-107) (PAC-151CT) 30 CLOCK HRS

✽ PED-140 - BEGINNING JUDO 1.0 CR
Introduces and provides instruction and practice in basic skills judo. Focuses on judo terminology, etiquette, throwing and grappling techniques, and the integrations of various Katas (forms) and Randori (free exercise).
Prev. Course Codes: (PAC-101) (PAC-151A)
30 CLOCK HRS

✽ PED-141 - BEGINNING ALPINE SKIING 1.0 CR
Presents a basic Alpine skiing course designed for those who have had little or no prior downhill skiing experience. The course will consist of a combination of on-the-snow classes at an established ski area and classroom instruction at the college. For purposes of instruction, students will be assigned to small groups based on their present skiing ability.
30 CLOCK HRS

✽ PED-142 - ADVANCED ALPINE SKIING 1.0 CR
Presents an advanced skiing course designed for students who are ready for advanced instruction in parallel skiing. The course will consist of a combination of on the snow classes at an established ski area and classroom instruction at the college. Students will be divided into small groups and assigned to instructors based on demonstrated skiing ability. All on snow instruction will be by certified ski instructors employed by the ski area.
30 CLOCK HRS

✽ PED-143 - TAI CHI I 1.0 CR
Introduces Tai Chi as an expression of understandng of self control, exercise, and self-defense. The primary emphasis is to gain an understanding of the history (origins and changes) of Tai Chi, the movements and their names, application of movements, and terminology.
Prev. Course Codes: (MAA-115) 30 CLOCK HRS

✽ PED-144 - TAI CHI II 1.0 CR
PREREQUISITE: PED-143(13); Min. grade C-;
Emphasizes the instruction of Tai Chi from a practical and scientific approach with illustrations of applications for each of the movements in daily life. Cardiovascular training, strength and flexibility training, balance, and coordination are integral parts of the Tia Chi training. In addition, psycho-social skills such as meditation, relaxation, and self efficiency are covered.
Prev. Course Codes: (MAA-116) 30 CLOCK HRS

✽ PED-145 - ADVANCED TELEMARK SKIING 1.0 CR
PREREQUISITE: PED-139; Min. grade C-;
Using nordic equipment specifically designed for telemark alpine skiing, techniques for telemark skiing in all terrains and a variety of conditions will be provided.
Prev. Course Codes: (PED-150) 30 CLOCK HRS

✽ PED-146 - MARTIAL ARTS 1.0 CR
Introduces basic martial arts techniques and forms designed to improve the physical and mental capacity of an individual. Enables the student to gain an understanding of the basic philosophies and concepts around the martial arts and the approach to ethics.
Prev. Course Codes: (MAA-111A) (MAR-111A) (MAR-151A) 30 CLOCK HRS

✽ PED-147 - YOGA 1.0 CR
Offers a guided instruction in yoga. Students practice yoga according to their individual fitness levels and abilities. Emphasizes enhancing general health and well being through the performance of yoga strength, flexibility, balance and relaxation techniques and exercises.
Prev. Course Codes: (PAC-201) (PAC-151R)
30 CLOCK HRS

✽ PED-148 - YOGA II 1.0 CR
PREREQUISITE: PED-147; Min. grade C-;
Continues to build on the concepts of basic yoga. Increases awareness of yoga including physical and mental benefits.
Prev. Course Codes: (PAC-202) 30 CLOCK HRS

✽ PED-149 - ADVANCED KARATE 1.0 CR
PREREQUISITE: PED-146; Min. grade C-;
Presents an empty-hand form of self defense using all parts of the body in various blocking, kicking, punching and striking techniques against one or more assailants. The style of Karate taught will be Tae Kwon Do. Based on the results of an initial skills test, each student will be assigned two additional kicks, one additional jump kick, and one pattern. Intermediate sparring and self-defense techniques will be taught. Each student will be assigned a goal that they will strive to achieve by the end of the course.
30 CLOCK HRS

✽ PED-150 - ROCK CLIMBING I 1.0 CR
Introduces basic rock climbing, improving dexterity, problem solving skills and the physical work capacity of an individual. Enables the student to gain an understanding of the general principles of climbing, how equipment works and how it is used, basic climbing skills and techniques, safety and climbing etiquette, and terminology.
Prev. Course Codes: (PED-168) (PAC-151) (PAC-151M) 30 CLOCK HRS

✽ PED-151 - ROCK CLIMBING II 1.0 CR
PREREQUISITE: PED-150; Min. grade C-;
Introduces lead climbing skills and techniques, problem solving skills, and physical fitness. Emphasizes the general principles of lead climbing, proper usage of equipment, development of lead climbing skills and techniques, climbing ethics and safety, and terminology.
Prev. Course Codes: (PED-169) (PAC-152) (PAC-152M) 30 CLOCK HRS

✽ PED-152 - BEGINNING ICE CLIMBING 1.0 CR
Introduces technical (roped) ice climbing, including equipment selection and safety, knots, belaying and climbing, rappelling, and climbing safety.
Prev. Course Codes: (PED-173) 30 CLOCK HRS

❋ PED-156 - INTERMEDIATE NON-TECHNICAL MOUNTAINEERING   **1.0 CR**

PREREQUISITE: PED-157 PED-157; Min. grade C-;

Presents intermediate-level skills required for non-technical mountaineering, which include high altitude camping techniques, navigation, dealing with emergencies, 3rd class and non-technical 4th class climbing, mountain weather, and judgment. Safety will be stressed.

Prev. Course Codes: (PED-172) 30 CLOCK HRS

❋ PED-157 - BASIC MOUNTAINEERING   **3.0 CR**

Provides students with a combination of skills and practical experience in the fundamentals of mountaineering. Emphasizes basic climbing skills and techniques, equipment usage, safety systems, mountain travel and awareness, problem solving and decision-making, high altitude climate and weather, wilderness ethics, and physical fitness.

Prev. Course Codes: (PED-171) (PAC-154) (PAC-151A) (PAC-151MI) 67.5 CLOCK HRS

❋ PED-159 - COLORADO FOURTEENERS   **2.0 CR**

Presents an historical look into the naming and climbing of Colorado's 14,000 foot peaks. It includes information on the current routes to ascend the peaks.

60 CLOCK HRS

❋ PED-160 - BEGINNING SKI RACING   **1.0 CR**

Improves the skills of the beginning ski racer. Slalom and Giant Slalom, or Nordic, racing will be covered.

Prev. Course Codes: (PED-145) (PED-241) (PAC-104) 30 CLOCK HRS

❋ PED-161 - BEGINNING KAYAKING   **1.0 CR**

Provides basic kayak and water reading skills. The students will learn boating safety, hazard evaluation, terminology, whitewater river reading skills, paddling strokes, bracing techniques, peel out and eddy turns, and rescue and self rescue techniques including wet exits, Eskimo rescues, and introduction to and practice of the Eskimo roll. You must be at least 17 years old on the first day of class to take this course.

Prev. Course Codes: (PAC-251) (PED-179) 30 CLOCK HRS

❋ PED-167 - BASIC SEARCH AND RESCUE   **3.0 CR**

Covers the basic fundamentals required for search and rescue in a wilderness environment. Includes tracking techniques and field trips.

67.5 CLOCK HRS

PED-175 - SPECIAL TOPICS   **1.0-6.0 CR**

Provides students with a vehicle to pursue special topics of interest. The content of this course is designed on an as needed basis to provide current, up-to-date information.

❋ PED-179 - BEGINNING KAYAKING   **1.0 CR**

Provides basic kayak and water reading skills. The students will learn boating safety, hazard evaluation, terminology, whitewater river reading skills, paddling strokes, bracing techniques, peel out and eddy turns, and rescue and self rescue techniques including wet exits, Eskimo rescues, and introduction to and practice of the Eskimo roll.

Prev. Course Codes: (PAC-251) 30 CLOCK HRS

❋ PED-186 - TANDEM CANOEING   **1.0 CR**

Learn boat handling on float and moving water, safety procedures, equipment, hazard evaluation, and how to minimize environmental impact on river and lake environments. You must be at least 17 years old on the first day of class to take this course.

Prev. Course Codes: (PAC-251) 30 CLOCK HRS

❋ PED-200 - ADVANCED GOLF   **1.0 CR**

PREREQUISITE: PED-100; Min. grade C-;

Covers skills designed for individuals with an advanced level of golfing skills who are interested in improving their game. Driving range, putting green, and on-course instruction and play will be included. Use of woods, irons, wedges, and putting will be stressed. All instruction will be by certified golf instructors.

30 CLOCK HRS

❋ PED-201 - HORSEPACKING   **1.0 CR**

Offers a back country field trip with focus on horsemanship, horsepacking, camp operation, camp cooking, "Leave No Trace", and safety.

Prev. Course Codes: (PAC-235) (OUT-140) 30 CLOCK HRS

❋ PED-205 - LOW-IMPACT AEROBICS I   **1.0 CR**

Develops overall fitness through low-impact aerobics. The intensity level to develop cardiovascular fitness is maintained, but low-impact movements are stressed. Flexibility, toning, and stretching will also be developed as part of this course.

Prev. Course Codes: (PAC-161) (PAC-161A) (PAC-161C) 30 CLOCK HRS

❋ PED-206 - SKI CONDITIONING   **1.0 CR**

This is an individual conditioning program that builds both aerobic and muscle strength and promotes flexibility for the student planning to participate in either alpine or nordic skiing.

Prev. Course Codes: (PAC-113) (PAC-121) (PAC-151) 30 CLOCK HRS

PED-207 - INTERMEDIATE CANOEING   **1.0 CR**

This course emphasizes intermediate paddling technique and river reading skills for both tandem and solo boating. Students will learn safety procedures, equipment hazard evaluation, and how to minimize environmental impact on river and lake environments. You must be at least 17 years old on the first day of class to take this course.

Prev. Course Codes: (PED-187) 30 CLOCK HRS

❋ PED-216 - AEROBICS I   **1.0 CR**

This course is designed to improve overall fitness and cardiovascular endurance through aerobic exercise training. Warm-up, stretching, aerobic and dance exercises will be training components for this class.

Prev. Course Codes: (PAC-166) (PAC-151) 30 CLOCK HRS

❋ PED-217 - AEROBICS II   **1.0 CR**

This level of aerobic exercise increases the student's aerobic endurance and further explains the components of aerobic conditioning. Charting and developing cardiovascular rates is stressed.

Prev. Course Codes: (PAC-167) 30 CLOCK HRS

❋ PED-218 - PHYSICAL CONDITIONING   **1.0 CR**

This course is a fitness program combining movement/exercise with an understanding of how exercise contributes to health.

Prev. Course Codes: (PAC-171) (PAC-151NA) 30 CLOCK HRS

❋ PED-219 - DANCE EXERCISE   **1.0 CR**

This class uses dance and stretch exercises from a variety of dance techniques (ballet, modern, jazz) to develop personal fitness.

Prev. Course Codes: (PAC-181) (PAC-151NJ) 30 CLOCK HRS

❋ PED-220 - WHITEWATER RAFTING   **1.0 CR**

Provides whitewater boat handling and reading skills through experience on selected rivers in Colorado and Utah. Students will learn river trip planning, safety procedures, equipment, logistics, camp management, hazard evaluation, and minimum environmental impact. Safe and efficient river travel, leadership, and judgment development are emphasized. You must be at least 17 years old on the first day of class to take this course.

30 CLOCK HRS

❋ PED-221 - DYNAMIC WORKOUT   **1.0 CR**

This course is designed for those who want to increase flexibility and improve muscle tone through proper exercise techniques using mat work. Body alignment, breathing, and work on the abdominals, hips, and thighs will be emphasized.

Prev. Course Codes: (PAC-191) (PAC-151NV) 30 CLOCK HRS

❋ PED-222 - SPORT CLIMBING   **1.0 CR**

This course introduces sport climbing; building skills in knot typing, belaying techniques, rope management, and climbing ability. Sport climbing techniques, terminology, and safety will be the focus of the indoor portion of the class. Transferring the climbing skills to the outdoors, and rapelling/rescue techniques will be the emphasis of the field day.

30 CLOCK HRS

❋ PED-223 - BEGINNING MOUNTAINEERING   **1.0 CR**

Covered in this course are basic skills required for non-technical mountaineering, which include the alpine environment, route finding, and hiking skills. Safety will be stressed.

30 CLOCK HRS

❋ PED-224 - BASIC MOUNTAINEERING   **2.0 CR**

Students will be familiarized with equipment selection and skills of snow climbing and rock climbing.

60 CLOCK HRS

❋ PED-225 - TREKKING   **1.0 CR**

Basic trekking skills and equipment will be considered. The climbing history and basic natural history of each peak climbed are discussed.

Prev. Course Codes: (PED-180) (PAC-157) (PAC-155) (PAC-151MD) 30 CLOCK HRS

❋ PED-226 - FITNESS WALKING   **1.0 CR**

This class is designed to improve cardiovascular fitness and strengthen all major muscle groups. This low impact, aerobic walking will also build endurance.

Prev. Course Codes: (PAC-189) 30 CLOCK HRS

PED-227 - ADVANCED FLY-FISHING SKILLS   **1.0 CR**

PREREQUISITE: PED-127; Min. grade C-;

This course will introduce students to the higher level skill set required for a successful fly-fishing guided experience. Topics will include lake and river dynamics and finding the fish. Fly-tying as well as the effects of weather on fishing experiences will be discussed. Various methods of getting the client to the fish will be discussed, including wading and floating moving water as well as a variety of both hard and inflatable boats. Emphasis will be placed on the presentation of the fly, successfully striking the fish, and catch and release techniques. Other topics directly related to the business of fly-fishing such as risk managment, etiquette, permitting, and types of related careers will be discussed. You must be at least 17 years old on the first day of class to take this course.

30 CLOCK HRS

Courses

PED

✻ **PED-237 - PADDLE SPORTS**　　　**2.0 CR**
Focuses on the methods and skills of conducting and leading safe lake and river trips in various types of watercraft such as canoes, kayaks, or inflatable boats. Students will learn modern river paddling techniques, trip planning and organization, basic river rescue and safety skills, federal and local permit systems, and minimal impact camping and boating techniques for a river corridor. This course includes a multi-day river expedition. You must be at least 17 years old on the first day of class to take this course.
60 CLOCK HRS

✻ **PED-239 - INTERMEDIATE TELEMARK SKIING**　**1.0 CR**
Provides instruction in intermediate telemark skiing techniques. Topics include ski travel on intermediate terrain. Safe and efficient backcountry telemark skills, judgement, leadership, communication, group handling, and telemark ski technique will be emphasized.
30 CLOCK HRS

✻ **PED-240 - CARE AND PREVENTION OF SPORTS INJURIES**　　　**3.0 CR**
Covers the common athletic injuries from causation to diagnosis and treatment. The student will learn preventative measures and understand rehabilitative regimens. Practical experiences at athletic sporting events will be covered.
Prev. Course Codes: (PED-141) (HFT-141) (HFT-155A) 52.5 CLOCK HRS

✻ **PED-252 - INTERMEDIATE ICE CLIMBING**　**1.0 CR**
Continues to develop proficiency in technical ice climbing, including equipment selection and safety, knots, belaying and climbing, rappelling and climbing safety. Safe, fast, and efficient ice climbing, leadership, ice climbing site management, and judgement development will be emphasized.
30 CLOCK HRS

✻ **PED-260 - ADVANCED SKI RACING**　　**2.0 CR**
Develops racing skills in Slalom and Giant Slolam, or Nordic skiing.
Prev. Course Codes: (PED-242) 60 CLOCK HRS

PED-275 - SPECIAL TOPICS　　**1.0-6.0 CR**
Provides students with a vehicle to pursue special topics of interest. The content of this course is designed on an as needed basis to provide current, up-to-date information.
Prev. Course Codes: (PED-270AF) (PED-270MT) (PED-270SN) (PED-270AF) (PED-270SN) (PED-270MT)

✻ **PED-287 - WORK EXPERIENCE**　　**1.0-6.0 CR**
Provides work experience for students to gain practical work experience related to their educational program.
Prev. Course Codes: (PED-130A) (PED-030) (EST-030A) (HFT-030) (HFT-130)

Physical Education Recreation

✻ **PER-100 - RECREATION: PRINCIPLES & PRACTICE**　**3.0 CR**
PREREQUISITE: College-Level Reading;
The structure and economics of recreation in the United states are examined in this course. The interrelationships of private, public, and volunteer groups will be covered. History, philosophy, and theories of recreation will be introduced. Outdoor Recreation as a base for a community economy will be explored, as well as the career opportunities in Outdoor Recreation.
Prev. Course Codes: (REC-100) 45 CLOCK HRS

✻ **PER-113 - INTRODUCTION TO PHYSICAL EDUCATION & SPORT**　　　**2.0 CR**
Focuses on the field of physical education and sports. Includes trends, precedents, and their effects in the health and total wellness of those involved.
Prev. Course Codes: (PED-170) (PED-106) (REC-105) 30 CLOCK HRS

✻ **PER-150 - WATER SAFETY INSTRUCTOR**　**2.0 CR**
Prepares students to become certified by the American Red Cross (ARC) as a Water Safety Instructor (WSI). Enables students to develop skills for teaching infant and preschool aquatics, Levels 1-7 in the Learn to Swim program, Community Water Safety, and Water Safety Instructor Aide. Focuses on teaching people with special needs, and planning and conducting safe and effective swim lessons.
Prev. Course Codes: (rec-110) (REC-017) (REC-112) 45 CLOCK HRS

PER-200 - OUTDOOR RECREATION PROGRAMMING　**3.0 CR**
Provides effective planning, staffing, and budgeting for the outdoor experience for the maximum opportunity for a successful program. Issues of marketing and promotion, agency coordination, risk management, environmental impact, logistics, and the customer needs and expectations are addressed.
Prev. Course Codes: (rec-200) 45 CLOCK HRS

Philosophy

🔒 **PHI-111 - INTRODUCTION TO PHILOSOPHY**　**3.0 CR**
PREREQUISITE: College-Level Reading;
Introduces significant human questions and emphasizes understanding the meaning and methods of philosophy. Includes human condition, knowledge, freedom, history, ethics, the future, and religion.
Prev. Course Codes: (PHI-151) 45 CLOCK HRS

🔒 **PHI-112 - ETHICS**　　　**3.0 CR**
PREREQUISITE: College-Level Reading;
Examines human life, experience, and thought in order to discover and develop the principles and values for pursuing a more fulfilled existence. Theories designed to justify ethical judgments are applied to a selection of contemporary personal and social issues.
Prev. Course Codes: (PHI-152) 45 CLOCK HRS

🔒 **PHI-113 - LOGIC**　　　**3.0 CR**
PREREQUISITE: College-Level Reading;
Studies effective thinking using language oriented logic. Provides tools and develops skills for creative and critical thinking. Emphasizes the development of decision-making and problem solving skills.
Prev. Course Codes: (PHI-153) 45 CLOCK HRS

✻ **PHI-114 - COMPARATIVE RELIGIONS**　**3.0 CR**
PREREQUISITE: College-Level Reading;
Introduces students to the similarities and differences among concepts predominant in the major world religions, comparing sociological, philosophical, and phenomenological similarities between major world faiths.
45 CLOCK HRS

✻ **PHI-116 - WORLD RELIGIONS - EAST**　**3.0 CR**
PREREQUISITE: ENG-121; Min. grade C-;
Emphasizes the diversity and richness of Eastern religions within a cross-cultural context. Concepts such as fate, reincarnation, enlightenment, and morality are analyzed.
45 CLOCK HRS

✻ **PHI-117 - PSYCHOLOGY OF RELIGION**　**3.0 CR**
PREREQUISITE: College-Level Reading;
Focuses on the application of psychological principles and theories to religious phenomena, including religious practices, beliefs, and rituals. Introduces an historical appreciation of psychologists' attempts to understand religion, continues with an exploration of select theories, and concludes with an analysis of modern problems and future directions.
45 CLOCK HRS

✻ **PHI-118 - PHILOSOPHY OF THE ENVIRONMENT**　**3.0 CR**
PREREQUISITE: College-Level Reading;
Introduces the values and meanings intrinsic to nature, and the ethics dealing with land and the animals and plants which grow upon it. With a focus on the philosophy of ethics, various interdisciplinary approaches to environment will be considered.
45 CLOCK HRS

✻ **PHI-140 - RELIGION IN AMERICAN CULTURE**　**3.0 CR**
Investigates the various ways in which religion and American culture interact. Beginning with the religion of Native Americans, which existed in a pre-modern society where religion was unchallenged as the preeminent organizing principle to our post-modern era, where religion competes with a multiplicity of other belief systems in a complex societal matrix. Focuses on the sundry ways in which religion and American culture interface.
45 CLOCK HRS

✻ **PHI-142 - NEW TESTAMENT**　　**3.0 CR**
PREREQUISITE: College-Level Reading;
This course surveys the literature of the early Christian era, from its inception to approximately 150 C.E. The New Testament as well as selected non-canonical writings from the period are examined. The course focuses on the interpretation of these texts in light of the cultural milieu from which they arose. Particular attention is paid to the influence of ancient literary conventions upon the Christian writers of this time.
45 CLOCK HRS

✻ **PHI-150 - PHILOSOPHY EAST AND WEST**　**3.0 CR**
PREREQUISITE: College-Level Reading;
Provides an introduction to the major philosophical ideas of Socrates, Lao Tzu, Confucius, Mishima, Nietzsche, and Siddartha Gautama (the historical Buddha).
45 CLOCK HRS

PHI-175 - SPECIAL TOPICS　　**1.0-6.0 CR**
PREREQUISITE: College-Level Reading;
Provides students with a vehicle to pursue special topics of interest. The content of this course is designed on an as needed basis to provide current, up-to-date information.
Prev. Course Codes: (PHI-270PE)

✻ **PHI-214 - PHILOSOPHY OF RELIGION**　**3.0 CR**
PREREQUISITE: College-Level Reading;
Focuses on the critical examination of the fundamental concepts, ideas, and implications of religion. Includes the nature of God, the varieties of religious exerience, argument concerning God's existence, the Problem of

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Evil, faith and reason, religion and human destiny, and the connection between religion and ethics.
Prev. Course Codes: (PHI-145) 45 CLOCK HRS

PHI-275 - SPECIAL TOPICS　　　　**1.0-6.0 CR**
PREREQUISITE: College-Level Reading;
Provides students with a vehicle to pursue in-depth exploration of special topics of interest.

Professional Photography

PHP-101 - COMPUTER ORIENTATION & THE MAC OS　**2.0 CR**
CO-REQUISITES: PHP-121;
This course will orient the Professional Photography student with lab operations and procedures of our computer lab and network. Instruction in the numerous applications included with the Mac OS-X including Safari, iTunes, iPhoto, iDVD, iMovie, disc burner, Adobe Acrobat Reader, word processing, and spreadsheet applications will be covered.
45 CLOCK HRS

PHP-110 - CAMERA FUNCTIONS　　　　**1.0 CR**
including F-stops, shutter speeds, reciprocity, camera metering techniques and program and metering modes of modern electronic cameras. Advanced functions such as auto focus, auto bracketing, and exposure compensation will be covered.
15 CLOCK HRS

PHP-111 - BLACK AND WHITE PHOTOGRAPHY I　**2.0 CR**
CO-REQUISITES: PHP-112;
The technical and aesthetic aspects relating to basic and intermediate techniques of black and white photography will be covered in this course. Topics include exposure control of the negative, metering, composition, color filters for black and white, processing, and printing the negatives.
Prev. Course Codes: (PHP-011) (PHP-111)
30 CLOCK HRS

PHP-112 - BLACK & WHITE PHOTOGRAPHY I LABORATORY　　　　　　　**1.0 CR**
CO-REQUISITES: PHP-111;
Specialized black and white photography techniques with emphasis on the Zone Systems will be covered. Introduction to on camera electronic flash, copying black and white photographs, close up photography, and basic exposure of 35mm transparency film will also be covered.
Prev. Course Codes: (PHP-111L) 30 CLOCK HRS

PHP-113 - BLACK & WHITE PHOTOGRAPHY II　**2.0 CR**
CO-REQUISITES: PHP-114;
Specialized black and white photography techniques with emphasis on the Zone System will be covered. Introduction to on camera electronic flash, copying black and white photographs, close up photography, and basic exposure of 35mm transparency film will also be covered.
Prev. Course Codes: (PHP-112) (PHP-012)
30 CLOCK HRS

PHP-114 - BLACK & WHITE PHOTOGRAPHY II LABORATORY　　　　　　**1.0 CR**
CO-REQUISITES: PHP-113;
Through laboratory discussions and applications the student will reinforce the knowledge and skills learned in the lecture course PHP 114. Topics will include printing the negative through tray processing, advance printing techniques, Zone System testing, and portfolio production.
Prev. Course Codes: (PHP-112L) 30 CLOCK HRS

PHP-121 - PHOTO-IMAGE CAPTURE I　　**2.0 CR**
CO-REQUISITES: PHP-161;
This foundation course instructs the fundamental operation of a DSLR camera. The general operation of the camera, proper camera handling, exposure control, depth of field, lenses and the visual characteristics of lenses, and an understanding of how digital capture works are emphasized. Additional topics include F-stops, shutter speeds, camera metering techniques, exposure, and metering modes of modern DSLR cameras. Advanced functions such as use of the histogram, file compression methods, image resolution, auto focus, auto bracketing, and exposure compensation will be covered.
30 CLOCK HRS

PHP-122 - PHOTO-IMAGE CAPTURE II　　**2.0 CR**
PREREQUISITE: PHP-121; Min. grade C-;
Continued development of camera operation skills from Photo-Image Capture I. Introduction to on-camera electronic flash, copying photographs, close up photography, motion control, application of the Zone system in digital capture and white balance.
30 CLOCK HRS

PHP-125 - FINISHING & DISPLAYING PHOTOGRAPHS　**1.0 CR**
Finishing and Displaying Photographs trains students in the proper execution and presentation of matted, dry mounted, and framed photographs. Topics include: measuring, supplies, costing, dry mounting, matting, and simple framing.
Prev. Course Codes: (PHP-018) (PHP-126)
20 CLOCK HRS

PHP-143 - PERCEPTION & PHOTOGRAPHY I　**3.0 CR**
CO-REQUISITES: PHP-161;
This course presents the fundamentals of visual perception, design, and seeing in the photographic medium. Topics include the psychology of seeing, value exercises, conceptual and perceptual exercises, depth representation, figure/ground, organization, gestalt principles, quality of light, and the development of ideas.
Prev. Course Codes: (PHP-043) (PHP-243A) 45 CLOCK HRS

PHP-144 - PERCEPTION & PHOTOGRPAHY II　**3.0 CR**
CO-REQUISITES: PHP-162;
PREREQUISITE: PHP-143; Min. grade C-;
Perception and Photography II continues the foundation of aesthetic principles into a more advanced stage. Through the use of historical examples students will create images that employ the same visual and philosophical concerns of their predecessors in photographic history. This course is fundamentally a photography history shooting class. Students are exposed to principle photo history genres and then the students create photographs using the same concerns and style. The photo genres include pictorialism, the bauhaus, documentary including the FSA, landscape and post-modernism.
45 CLOCK HRS

PHP-145 - NATURAL LIGHT　　　　　**1.0 CR**
CO-REQUISITES: PHP-112;
Upon completion of this course the student will have demonstrated an understanding of natural lighting in relation to color of light and time of day of light. In addition, artificial light will be discussed in relation to direction of light, lighting ratios, and fill light and how these principles relate to natural lighting.
15 CLOCK HRS

PHP-161 - DIGITAL DARKROOM I　　　**2.0 CR**
CO-REQUISITES: PHP-121, PHP-143;
Post processing of the captured image is covered in the course. Methods of transferring files from camera to computer, image editing tools, optimizing files for print and screen, image sharpening, proper understanding of black and white images, printing, and matting are included. The lab portion of the class will also be used to assist the production of images required for Photo-image Capture I and Perception & Photography I.
45 CLOCK HRS

PHP-162 - DIGITAL DARKROOM II　　　**3.0 CR**
CO-REQUISITES: PHP-122;
PREREQUISITE: PHP-161; Min. grade C-;
Continued development of digital image processing and printing are covered in this course. Topics include file formats, further exploration of Photoshop Tools, Layers, channels, palettes, and visual understanding of print quality.
60 CLOCK HRS

PHP-221 - COLOR PHOTOTOGRAPHY I　**3.0 CR**
CO-REQUISITES: PHP-278;
PREREQUISITE: PHP-112, PHP-276, PHP-143;
Min. grade C-;
Color Photography I introduces students to the production of color photographic images, including the technical reproduction of images and the effective use of color. The reproduction of color images will be done exclusively using digital print technology while an overview of color reproduction systems including CMY (film and print), RGB, and CYMK will be covered. The use of color films, both color negative and color transparency, and the use of digital capture will also be topics for this class. Exercises in the effective use of color and color reproduction techniques will be required.
Prev. Course Codes: (PHP-021) (PHP-221)
60 CLOCK HRS

PHP-222 - COLOR PHOTO II　　　　　**3.0 CR**
PREREQUISITE: PHP-221 PHP-278;
Min. grade C-;
Color Photography II continues the development of technical and visual skills in the employment of color photography. Color Transparency film is the primary medium for capturing images, and digital technology is used for print production. More sophisticated aesthetic use of color as well as more refined printing is expected. The implementation of color management to create more predictable color print matching with the computer monitor is also covered in this class. Digital camera capture is used in some assignments as an alternative to film.
Prev. Course Codes: (PHP-022) (PHP-222)
60 CLOCK HRS

PHP-232 - PORTRAITURE　　　　　　**3.0 CR**
PREREQUISITE: PHP-122; Min. grade C-;
Technical and aesthetic aspects of studio and location portrait photography are covered in this course. Studio lighting techniques including lighting ratios, lighting styles, location lighting, fill flash, light modifiers for portraiture, metering, composition, equipment, and posing. Career paths in the field of portraiture such as weddings, environment and studio portraits, and school portraits will be covered.
60 CLOCK HRS

Courses

PHP

PHP-234 – LARGE FORMAT AND LIGHTING   3.0 CR
PREREQUISITE: PHP-122; Min. grade C-;
Instruction in the use of the 4x5 inch large format camera and the use of studio lighting for product photography is the focus of this course. Product photography is one area where film is still used frequently. The large format camera is also the base for many of the highest quality digital captures. Topics include types of large format cameras, loading film, the use of tilts, swings, and shifts of the view camera for depth of field and perspective control, special lighting techniques, light modifiers, bellows factors, sheet film processing, and the specific methods of lighting different objects and surfaces.
Prev. Course Codes: (PHP-034) (PHP-234)
60 CLOCK HRS

PHP-235 – COMMERCIAL PHOTOGRAPHY   3.0 CR
PREREQUISITE: PHP-234; Min. grade C-;
This course is a continuation of Large Format and Lighting. The emphasis of this class is studio product illustration using color transparency film and digital capture. Advanced techniques in lighting, further development of proficiency with the view camera, and advanced aspects of commercial illustration photography are included. Emphasis is on design requirements, exploration of various subject matters, and printing reproduction requirements.
Prev. Course Codes: (PHP-035) (PHP-235)
60 CLOCK HRS

PHP-251 – COLOR CAPTURE I   2.0 CR
PREREQUISITE: PHP-122; Min. grade C-;
Color theory including the technical reproduction of colors and the visual use of colors. Exercises in the effective use of color and color reproduction techniques will be required. More sophisticated aesthetic use of color as well as more refined printing is expected. The implementation of color management to create more predictable color print matching with the computer monitor is also covered in this class.
30 CLOCK HRS

PHP-252 – COLOR CAPTURE II   3.0 CR
CO-REQUISITES: PHP-289;
PREREQUISITE: PHP-251 PHP-122;
Min. grade C-;
Aesthetic issues including development of style and technical issues of color management are covered in this class. Topics include sequencing, lighting, color subject, visual perception of depth, field of view, and the way they connect images into a style. Technical topics include the production of profiles for a variety of devices including printers, scanners, and monitors.
60 CLOCK HRS

PHP-263 – DIGITAL DARKROOM III   3.0 CR
PREREQUISITE: PHP-162; Min. grade C-;
Advanced techniques in post processing of digital captures and scans will be covered in this course. Image management with special software designed for the professional photographer is also included. Refinement of printing techniques including advanced sharpening, burning, dodging, highlight, and shadow controls.
60 CLOCK HRS

PHP-265 – VISUAL MEDIA   3.0 CR
PREREQUISITE: PHP-276; Min. grade C-;
Many methods of making visual presentations exist. This course will focus on both traditional presenta-

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tions using multiple slide projectors, dissolve units, and tape recorders to create a packaged presentation, and the new methods available through the computer to create both self playing and interactive presentations.
60 CLOCK HRS

PHP-266 – NONSILVER PROCESSES   3.0 CR
PREREQUISITE: PHP-234; Min. grade C-;
This course explores nonsilver photographic printing processes including the Cyantype, Van Dyke Brown, Platinum, Palladium and Gum Biochromate printing.
60 CLOCK HRS

PHP-275 – SPECIAL TOPICS   1.0-6.0 CR
Provides students with a vehicle to pursue special topics of interest. The content of this course is designed on an as needed basis to provide current, up-to-date information.
Prev. Course Codes: (PHP-290A) 15 CLOCK HRS

PHP-276 – DIGITAL IMAGING   3.0 CR
PREREQUISITE: CIS-118; Min. grade C-;
This course is an introduction to computer aided photography. The major emphasis is the use of software which can be used to retouch, correct and manipulate photographic images. Additional topics include: File management, scanning and other means of image acquisition, image compression, hard copy of digital images, and combining images and text through page layout.
60 CLOCK HRS

PHP-278 – ADVANCED DIGITAL IMAGING   3.0 CR
CO-REQUISITES: PHP-221;
PREREQUISITE: PHP-276; Min. grade C-;
This course is a continuation of digital imaging using image manipulation software to create personal images. Advance techniques will be demonstrated and higher resolution files created for better output. Projects will be assigned that require aesthetic, technical, and creative problem solving.
60 CLOCK HRS

PHP-279 – DIGITAL PORTFOLIO   3.0 CR
PREREQUISITE: PHP-276; Min. grade C-;
This course continues the development of skills in digital manipulation of photographic images with the end result being Portfolio Quality final prints and transparencies. Students will be required to use service bureaus for high quality scans and final output. Additional software programs will be covered that make presentation of portfolios through alternative means possible.
Prev. Course Codes: (PHP-277) 60 CLOCK HRS

PHP-280 – FIELD WORKSHOP   3.0 CR
In depth field studies of specific regions in the Western United States. The course will focus on the application of field techniques and principles during an extended trip to the area of study. The specific area of investigation will be indicated in the schedule of classes each time the course is offered.
Prev. Course Codes: (PHP-270FP) (PHP-270YW) (PHP-270CN) (PHP-270SW) (PHP-270AI) (PHP-270SU) (PHP270SP) (PHP-270FP) (PHP-270PP) (PHP-047A) (PHP-148A)
75 CLOCK HRS

**PHP-282 – SPECIAL EFFECT TECHNIQUES
IN PHOTOGRAPHY   3.0 CR**
This course considers photographic special effects. Topics may include: infrared photography, toning

prints, abstracts, time exposures, multiple exposures, high contrast, reticulation, multiple printing, and direct positive black and white.
60 CLOCK HRS

PHP-285 – PHOTOJOURNALISM   3.0 CR
PREREQUISITE: PHP-111; Min. grade C-;
Photography for newspapers and magazines will be taught. Traditional news photography, documentary photography, picture essay, and picture story formats will be covered. Working conditions and the responsibility of the press and editorial photography will be addressed.
45 CLOCK HRS

PHP-286 – COOPERATIVE WORK EXPERIENCE   3.0 CR
The student will obtain specialized skills through on-the-job training related to the student's desired vocational; interest and goals. The student will work at least eight hours per week and consult an additional one hour per week with the instructor.
45 CLOCK HRS

PHP-287 – COOPERATIVE WORK EXPERIENCE   1.0-6.0 CR
Provides work experience for students to gain practical work experience related to their educational program.
Prev. Course Codes: (PHP-130A) 15 CLOCK HRS

PHP-288 – COOPERATIVE WORK EXPERIENCE   1.0-6.0 CR
Provides work experience for students to gain practical work experience related to their educational program.
Prev. Course Codes: (PHP-130B) (PHP-030B) (PHP-130B) 15 CLOCK HRS

**PHP-289 – PORTFOLIO PRODUCTION CAREER EXPLORATION
4.0 CR**
CO-REQUISITES: PHP-252;
PREREQUISITE: PHP-232(19011) PHP-234(960) PHP-251 PHP-263; Min. grade C-;
The course is the terminal/capstone course for the Professional Photography program. Completion of all classes or concurrent enrollment in the remaining classes of the program is a requirement. In this class students will create both a computer-based (Web and CD) portfolio and a printed presentation portfolio. Different techniques necessary for the production of the portfolios and styles of portfolios are covered. Resumes, cover letters, promotional pieces, presentation techniques, and skills related to the pursuit of careers and furthering education are covered in this class.
75 CLOCK HRS

Pharmacy Technician

PHT-111 – ORIENTATION TO PHARMACY   3.0 CR
Orients students to the work of pharmacy technicians and the context in which a technician's work is performed. Students learn the concept of pharmaceutical care and the technician's general role in its delivery. The development of new drug products is discussed as well as a variety of issues that touch on attitudes, value, and beliefs of success for pharmacy technicians. Students gain an appreciation for the value of obtaining technician certification, and the benefits of technicians' active involvement in local, state, and national pharmacy organizations.
45 CLOCK HRS

Physics

🔒 PHY-105 - CONCEPTUAL PHYSICS   4.0 CR
PREREQUISITE: College-Level Reading;
Focuses on mechanics, heat, properties of matter, electricity and magnetism, light and modern physics. Incorporates laboratory experience.
75 CLOCK HRS

🔒 PHY-111 - PHYSICS: ALGEBRA-BASED I WITH LAB   5.0 CR
PREREQUISITE: MAT-121; Min. grade C-;
Enables the student to explore the truth about physical reality through reasoning, mathematics, and experimentation. Examines kinematics, force, circular motion, energy, momentum, torque, rotational dynamics, simple harmonic motion, temperature, heat, and thermodynamics. The concepts and theories presented are explored through demonstrations and hands-on experiments. It is a general physics course that is recommended for all of the health sciences and all other interested students. Students entering engineering or one of the advanced sciences should register for PHY 211.
90 CLOCK HRS

🔒 PHY-112 - PHYSICS: ALGEBRA-BASED II WITH LAB   5.0 CR
PREREQUISITE: PHY-111; Min. grade C-;
Expands upon PHY 111 and covers sound waves, electric fields, electric circuits, magnetic fields, optics, and modern physics. Explores the concepts and theories presented in class through demonstrations and hands on experiments.
90 CLOCK HRS

🔒 PHY-211 - PHYSICS: CALCULUS-BASED I WITH LAB 5.0 CR
CO-REQUISITES: MAT-201;
PREREQUISITE: MAT-122; Min. grade C-;
Enables the student to examine the truth about physical reality through reasoning, mathematics, and experimentation. Covers kinematics, force, gravity, energy, momentum, torque, rotational dynamics, fluids, and waves. The concepts and theories presented in class are explored through demonstrations and hands-on experiments. This first semester calculus-based physics course is recommended for students entering engineering or one of the advanced sciences.
90 CLOCK HRS

🔒 PHY-212 - PHYSICS: CALCULUS-BASED II WITH LAB 5.0 CR
PREREQUISITE: PHY-211; Min. grade C-;
Expands upon PHY 211 and examines thermodynamics, electric fields, electric circuits, magnetic fields, light and optics, and modern physics. The concepts and theories presented in class are explored through demonstrations and hands on experiments.
90 CLOCK HRS

✻ PHY-213 - PHYSICS III: CALCULUS BASED   3.0 CR
PREREQUISITE: PHY-212; Min. grade C-;
Covers special relativity, quantum theory, atomic physics, solid state, and nuclear physics.
60 CLOCK HRS

Political Science

🔒 POS-105 - INTRODUCTION TO POLITICAL SCIENCE 3.0 CR
PREREQUISITE: College-Level Reading;
Focuses on a survey of the discipline of political science, including political philosophy and ideology, democratic and non-democratic governments and processes, and international relations.
Prev. Course Codes: (POS-110) (POS-151)
45 CLOCK HRS

🔒 POS-111 - AMERICAN GOVERNMENT   3.0 CR
PREREQUISITE: College-Level Reading;
Includes the background of the U.S. Constitution, the philosophy of American government, general principles of the Constitution, federalism, civil liberties, public opinion and citizen participation, political parties, interest groups and the electoral process, and the structure and functions of the national government.
45 CLOCK HRS

✻ POS-125 - AMERICAN STATE & LOCAL GOVERNMENT 3.0 CR
PREREQUISITE: College-Level Reading;
Emphasizes the structure and function of state, county, and municipal governments including their relations with each other and with national government. Includes a study of Colorado government and politics.
45 CLOCK HRS

✻ POS-215 - CURRENT POLITICAL ISSUES   3.0 CR
PREREQUISITE: College-Level Reading;
Incorporates an in-depth analysis of critical issues in political science. Examines current topics and issues.
Prev. Course Codes: (POS-270IP) (POS-025) (POS-270IP) 45 CLOCK HRS

Process Technology

PRO-100 - INTRODUCTION TO PROCESS TECHNOLOGY 3.0 CR
Provides an overview or introduction into the field of Process Operations within the process industry. The course will introduce the roles and responsibilities of process technicians, the environment in which they work, and the equipment and systems in which they operate.
45 CLOCK HRS

PRO-110 – SAFETY, HEALTH AND ENVIRONMENT   3.0 CR
Provides an introduction to the field of safety, health, and environmental concerns within the process industry. Within this course, you will be introduced to various types of plant hazards, safety and environmental systems and equipment, and the regulations under which processing plants are governed.
45 CLOCK HRS

PRO-120 – PROCESS TECHNOLOGY I: EQUIPMENT   4.0 CR
Provides an overview or introduction into the field of equipment within the process industry. This course will introduce many process industry-related equipment concepts including purpose, components, operation, and the Process Technician's role for operating and troubleshooting the equipment.
60 CLOCK HRS

PRO-130 – INSTRUMENTATION I   3.0 CR
Provides an introduction to the field of Instrumentation and covers process variables and the various instruments used to sense, measure, transmit, and control those variables. This course also introduces control loops and the elements that are found in different types of loops, such as controllers, regulators, and final control elements. The course concludes with a study of instrumentation drawings and diagrams and a unit on troubleshooting instrumentation.
45 CLOCK HRS

PRO-180 – INTERNSHIP   0.5-6.0 CR
Provides students with the opportunity to supplement coursework with practical work experience related to their educational program. Students work under the immediate supervision of experienced personnel at the business location and with the direct guidance of the instructor.
45 CLOCK HRS PER CREDIT

PRO-210 – PROCESS TECHNOLOGY II: SYSTEMS   4.0 CR
Studies the interrelationship of process equipment and process systems: arranging process equipment into basic systems; describing the purpose and function of specific process systems; explaining how factors affecting process systems are controlled under normal conditions; and recognizing abnormal process conditions. In addition, it introduces the concept of system and plant economics.
60 CLOCK HRS

PRO-230 – QUALITY IN PROCESS TECHNOLOGY   3.0 CR
Provides an introduction to the field of quality with the Process industry. This course will introduce many process industry-related quality concepts including operating consistency, continuous improvement, plant economics, team skills, and statistical process control (SPC).
45 CLOCK HRS

PRO-280 – INTERNSHIP   0.5 – 6.0 CR
Provides students with the opportunity to supplement coursework with practical work experience related to their educational program. Students work under the immediate supervision of experienced personnel at the business location and with the direct guidance of the instructor.
45 CLOCK HRS PER CREDIT

PRO-105 – OIL AND GAS PRODUCTION I
Familiarizes the student with the job of the oil and gas production technician. Students will be able to discuss the history of the oil market, concepts surrounding exploration and geology, fundamentals of drilling and well completion, and describe the equipment and systems used by the oil and gas production technician.

PRO-205 – OIL AND GAS PRODUCTION II
Covers the following topics relevant to the oil and gas production technician: the natural gas treatment, dehydration, and compression system and equipment; the produced water treatment and handling system and equipment; auxiliary systems and equipment, artificial lift and enhanced recovery techniques; pumping and transportation systems; safety, health, and environmental considerations relative to the field of oil and gas production.

Public Service

✻ PSV-230 – INTRODUCTION TO CIVIC LEADERSHIP   3.0-6.0 CR
PREREQUISITE: College-Level Reading;
Enables the student to develop a critical understanding of public leadership through the study of pertinent models, theories, and research.
45 CLOCK HRS

Psychology

🔒 PSY-101 - GENERAL PSYCHOLOGY I   3.0 CR
PREREQUISITE: College-Level Reading;
Focuses on the scientific study of behavior including motivation, emotion, physiological psychology, stress and coping, research methods, consciousness, sensation, perception, learning, and memory.
Prev. Course Codes: (PSY-151) 45 CLOCK HRS

Courses

PSY

PSY

🔒 PSY-102 – GENERAL PSYCHOLOGY II   3.0 CR
PREREQUISITE: College-Level Reading;
Focuses on the scientific study of behavior including cognition, language, intelligence, psychological assessment, personality, abnormal psychology, therapy, life span development, and social psychology.
Prev. Course Codes: (PSY-152) 45 CLOCK HRS

✳ PSY-106 – HUMAN RELATIONS   3.0 CR
PREREQUISITE: College-Level Reading;
Emphasizes the development and practice of effective interpersonal skills on and off the job.
45 CLOCK HRS

✳ PSY-107 – WORKGROUP PSYCHOLOGY   3.0 CR
PREREQUISITE: College-Level Reading;
Introduces the psychology of workgroups in the modern workplace. Emphasizes team dynamics, social diversity issues, team building, interpersonal communication skills, goal setting, time and resource management, and consensus decision making.
45 CLOCK HRS

✳ PSY-110 – CAREER DEVELOPMENT   3.0 CR
PREREQUISITE: College-Level Reading;
Assists the student in recognizing his/her career potential, and provides tools for making realistic decisions concerning educational and occupational objectives.
45 CLOCK HRS

✳ PSY-116 – STRESS MANAGEMENT   1.0 CR
PREREQUISITE: College-Level Reading;
Identifies the physiological, emotional, and behavioral aspects of stress. Techniques of stress reduction and management are explored and applied, including nutrition, exercise, assertiveness, time management, and financial management.
Prev. Course Codes: (PSY-275) (PSY-271B)
15 CLOCK HRS

✳ PSY-117 – PARENTING   1.0 CR
PREREQUISITE: College-Level Reading;
Focuses on effective techniques for working with children with emphasis on setting expectations, consideration of individual differences, satisfactory communiction, and effective parent-child relationships.
15 CLOCK HRS

PSY-175 – SPECIAL TOPICS   1.0-6.0 CR
PREREQUISITE: College-Level Reading;
Provides students with a vehicle to pursue special topics of interest. The content of this course is designed on an as needed basis to provide current, up-to-date information.
Prev. Course Codes: (PSY-205A) (PSY-205B) (PSY-205C) (PSY-290A) (PSY-270GL) (PSY-270HP) (PSY-205) (PSY-205B) (PSY-205C) (PSY-270WD) (PSY-047X) (PSY-270WS) (PSY-270HP) (PSY-20GL) (PSY-270WA) (PSY-270WD) (PSY-177) 15 CLOCK HRS

✳ PSY-200 – RESEARCH METHODOLOGY   3.0 CR
PREREQUISITE: PSY-101 or PSY-102;
Min. grade C-;
Introduces research methods and designs including correlational studies, experimental designs, and quasi-experimental designs. Additional topics include evaluations of scientific research, data analysis, report writing, and research ethics.
45 CLOCK HRS

✳ PSY-205 – PSYCHOLOGY OF GENDER   3.0 CR
PREREQUISITE: College-Level Reading;
Examines gender differences in work, courtship, family life, and sexual behavior throughout the life span.
Prev. Course Codes: (PSY-270WO) 45 CLOCK HRS

✳ PSY-211 – LEADERSHIP DEVELOPMENT   3.0 CR
PREREQUISITE: College-Level Reading;
The fundamentals of leadership theory and skills are studied in this course. Emphasis is placed upon development of personal leadership theories and techniques and their application to a variety of career orientations including public services, business, and recreation.
45 CLOCK HRS

✳ PSY-215 – PSYCHOLOGY OF ADJUSTMENT   3.0 CR
PREREQUISITE: College-Level Reading;
Emphasizes personal growth and the development of interpersonal skills. Focuses on the practical application of psychological principles and theories in achieving self-understanding and personal growth.
45 CLOCK HRS

✳ PSY-217 – HUMAN SEXUALITY   3.0 CR
PREREQUISITE: College-Level Reading;
Surveys physiological, psychological, and psychosocial aspects of human sexuality. Topics include relationships, sexual identity, and sexual health.
45 CLOCK HRS

✳ PSY-226 – SOCIAL PSYCHOLOGY   3.0 CR
PREREQUISITE: College-Level Reading;
Focuses on the behavior of humans in social settings including attitudes, aggression, conformity, cooperation and competition, prejudice, and interpersonal attraction.
45 CLOCK HRS

✳ PSY-227 – PSYCHOLOGY OF DEATH & DYING   3.0 CR
PREREQUISITE: College-Level Reading;
Examines the philosophies of life and death, emphasizing dying, death, mourning, and the consideration of one's own death.
45 CLOCK HRS

✳ PSY-235 – HUMAN GROWTH & DEVELOPMENT   3.0 CR
PREREQUISITE: College-Level Reading;
Examines human development from conception through death emphasizing physical, cognitive, emotional, and psychosocial factors.
Prev. Course Codes: (PSY-240) (PSY-242) (PSY-240) (PSY-268) 45 CLOCK HRS

✳ PSY-236 – ASSERTIVENESS TRAINING   1.0 CR
PREREQUISITE: College-Level Reading;
This course teaches the awareness and expressions of individual rights and needs in interpersonal relationships.
15 CLOCK HRS

✳ PSY-237 – CHILD & ADOLESCENT PSYCHOLOGY   3.0 CR
PREREQUISITE: PSY-101 or PSY-102;
Min. grade C-;
Explores human development from conception through adolescence, emphasizing physical, cognitive, emotional, and psychosocial factors.
Prev. Course Codes: (PSY-248) (PSY-210) (PSY-262) 45 CLOCK HRS

✳ PSY-238 – CHILD DEVELOPMENT   3.0 CR
PREREQUISITE: College-Level Reading;
Focuses on growth and development of the individual from conception through childhood, emphasizing physical, cognitive, emotional, and psychosocial factors.
Prev. Course Codes: (ECP-238) (ECE-238) (ECE-025) (EEC-025) (EEC-135) 45 CLOCK HRS

✳ PSY-239 – ADOLESCENT & ADULT PSYCHOLOGY   3.0 CR
PREREQUISITE: College-Level Reading;
Examines growth and development of the individual from adolescence to death, emphasizing physical,

cognitive, emotional, and psychosocial factors.
45 CLOCK HRS

✳ PSY-245 – EDUCATIONAL PSYCHOLOGY   3.0 CR
PREREQUISITE: College-Level Reading;
Focuses on the relationships between theory, research, and practice in the areas of learning, child development, motivation, and educational assessment.
Prev. Course Codes: (PSY-246) 45 CLOCK HRS

✳ PSY-247 – CHILD ABUSE AND NEGLECT   3.0 CR
PREREQUISITE: College-Level Reading;
Examines the causes and effects of physical, sexual, and psychological abuse and neglect. Intervention and prevention strategies are emphasized.
45 CLOCK HRS

✳ PSY-249 – ABNORMAL PSYCHOLOGY   3.0 CR
PREREQUISITE: College-Level Reading;
Examines abnormal behavior and its classification, causes, treatment, and prevention.
Prev. Course Codes: (PSY-220) (PSY-264)
45 CLOCK HRS

✳ PSY-251 – CHILD AND ADOLESCENT LAB   1.0 CR
CO-REQUISITES: PSY-237;
This course examines concepts presented in PSY-237 through 30 hours of documented child/adolescent observation.
Prev. Course Codes: (PSY-248A) 30 CLOCK HRS

✳ PSY-265 – PSYCHOLOGY OF PERSONALITY   3.0 CR
PREREQUISITE: PSY-101 or PSY-102;
Min. grade C-;
Examines the structure, function, and development of personality. Investigates the major contemporary theories of personality. Covers psychodynamic, behavioral, cognitive-social learning, humanistic, trait and optionally, neurobiological, existential, and/or Eastern perspectives.The underlying assumptions and research support for these theories are appraised. Enables the student to gain an appreciation of the value of alternative theoretical approaches to this subfield of psychology.
Prev. Course Codes: (PSY-215) (PSY-261)
45 CLOCK HRS

✳ PSY-268 – ORGANIZATIONAL PSYCHOLOGY   3.0 CR
PREREQUISITE: College-Level Reading;
Provides a comprehensive study of psychological principles and theories as applied to organizational behavior. Topics include motivation, job satisfaction, conflict supervision, human relations, and stress management.
45 CLOCK HRS

PSY-275 – SPECIAL TOPICS   1.0-6.0 CR
PREREQUISITE: College-Level Reading;
Provides students with a vehicle to pursue special topics of interest. The content of this course is designed on an as needed basis to provide current, up-to-date information.
Prev. Course Codes: (PSY-290C)

Reading

REA-030 – BASIC READING SKILLS   2.0 CR
Focuses on strategies for word attack, vocabulary development, stages of reading, and basic reading comprehension.
30 CLOCK HRS

✳ Applies to CMC AA/AS degree   🔒 Colorado State Guaranteed Transfer Course   NOTE: Not all courses are offered at every campus each term.

REA-060 - FOUNDATIONS OF READING — 3.0 CR
Focuses on strategies for vocabulary development, improved reading comprehension, and enrichment.
45 CLOCK HRS

REA-090 - COLLEGE PREPARATORY READING — 3.0 CR
PREREQUISITE: REA-060; Min. grade C-;
or placement test;
Enables the student to apply strategies for improving comprehension, developing vocabulary, and increasing rate for reading college textbooks.
45 CLOCK HRS

Real Estate

REE-120 - REAL ESTATE LAW, PRACTICE, AND CURRENT LEGAL ISSUES — 4.0 CR
PREREQUISITE: College-Level Reading;
Introduces the student to the practice of real estate through the study of a common body of knowledge including key terms and concepts as well as the related federal laws practiced in the majority of states on a national level. Students will also develop their knowledge and awareness of current real estate and real estate related statutes and regulations and important legal issues, developments, and practices.
Prev. Course Codes: (REE-101) (REE-104) (REE-101) (REE-110) (REE-111) (REE-021) (REE-022) (REE-120REE-121A) 60 CLOCK HRS

REE-121 - COLORADO REAL ESTATE CONTRACTS & REGULATIONS — 3.0 CR
PREREQUISITE: College-Level Reading;
Students prepare and understand Colorado Real Estate Commission approved contracts and understand Colorado real estate regulations.
Prev. Course Codes: (REE-102) (REE-115) (REE-026) (REE-124) 48 CLOCK HRS

REE-122 - RECORDKEEPING, TRUST ACCOUNTS & CLOSINGS — 2.0 CR
PREREQUISITE: College-Level Reading;
This course covers proper recordkeeping procedures required by the Real Estate Commission to maintain and account for funds belonging to others. The basic skills necessary to properly close a real estate transaction, including responsibilities from the contract through and after the closing, plus accounting for all funds received and disbursed as well as a comprehensive review of the legal documents prepared by the broker will be covered.
Prev. Course Codes: (REE-106) (REE-122) (REE-103) 32 CLOCK HRS

REE-123 - PRACTICAL APPLICATIONS — 2.0 CR
PREREQUISITE: College-Level Reading;
Provides a course of study for new real estate brokers in the application of laws, rules and standard practices.
Prev. Course Codes: (REE-107) 32 CLOCK HRS

REE-275 - SPECIAL TOPICS — 1.0-6.0 CR
PREREQUISITE: College-Level Reading;
Provides students with a vehicle to pursue special topics of interest. The content of this course is designed on an as needed basis to provide current, up-to-date information.
15 CLOCK HRS

Radio and Television

RTV-102 - BEGINNING TELEVISION — 3.0 CR
Focuses on principles and techniques of television production in theory and the approach of studio production. Emphasizes producing television programs, beginning with a concept through script to actual studio production, pre production, and post production.
45 CLOCK HRS

Russian

RUS-101 - CONVERSATIONAL RUSSIAN I — 3.0 CR
Introduces beginning students to conversational Russian and focuses on understanding and speaking Russian. Covers basic vocabulary, grammar, and expressions that are used in daily situations and travel.
Prev. Course Codes: (RUS-101A) (RUS-101) (RUS-011) 45 CLOCK HRS

RUS-102 - CONVERSATIONAL RUSSIAN II — 3.0 CR
PREREQUISITE: RUS-101; Min. grade C-;
Continues the sequence for students who wish to understand and speak Russian. Covers basic conversational patterns, expressions, and grammar.
Prev. Course Codes: (RUS-102A) (RUS-102) 45 CLOCK HRS

✳ RUS-111 - RUSSIAN LANGUAGE I — 5.0 CR
PREREQUISITE: College-Level Reading;
Begins a sequence dealing with the development of functional proficiency in listening, speaking, reading, and writing the Russian language. Note: The order of the topics and methodology will vary according to individual texts and instructors.
Prev. Course Codes: (RUS-151) 75 CLOCK HRS

✳ RUS-112 - RUSSIAN LANGUAGE II — 5.0 CR
PREREQUISITE: RUS-111; Min. grade C-;
Continues Russian I in the development of functional proficiency in listening, speaking, reading, and writing the Russian language. Note: The order of the topics and the methodology will vary according to individual texts and instructors.
Prev. Course Codes: (RUS-152) 75 CLOCK HRS

RUS-211 - RUSSIAN III — 3.0 CR
PREREQUISITE: RUS-112; Min. grade C-;
Continues Russian Language I and II in the development of increased functional proficiency in listening, speaking, reading, and writing the Russian language. Note: the order of the topics and the methodology will vary according to individual texts and instructors.
45 CLOCK HRS

🔒 RUS-212 - RUSSIAN IV — 3.0 CR
PREREQUISITE: RUS-211; Min. grade C-;
Continues Russian Language I, II, and III in the development of increased functional proficiency in listening, speaking, reading, and writing the Russian language. Note: the order of the topics and the methodology will vary according to individual texts and instructors.
45 CLOCK HRS

Ski Area Operations

SAO-100 - INTRODUCTION TO SKI AREA OPERATIONS — 2.0 CR
Designed to introduce a student to the ski industry and provide an overview of the total ski area operation. Careers in the ski industry will be addressed.
Prev. Course Codes: (SAO-011) (SAO-110A) (SAO-110) 30 CLOCK HRS

SAO-106 - ROPEWAY OPERATIONS — 2.0 CR
PREREQUISITE: MAT-108; Min. grade C-;
Covers the daily operation, inspection, and minor maintenance of aerial tramways, lifts, and tows. Current design philosophies, the purpose of various tramway components, safety of the lift crew and skiing guests, as well as guest relations, and the rules and regulations applicable to the operation of tramways in Colorado and upon Federal land will be introduced.
Prev. Course Codes: (SAO-012) (SAO-112A) (SAO-112) 30 CLOCK HRS

SAO-107 - ROPEWAY OPERATIONS LAB — 1.0 CR
This laboratory course will provide the hands on ropeway operations during ski season. Information provided as part of SAO 106 will be put into practice. Guest relations, personnel, and skier safety will be emphasized.
Prev. Course Codes: (SAO-013) (SAO-112L) (SAO-112) 30 CLOCK HRS

SAO-110 - SKI AREA RISK MANAGEMENT — 3.0 CR
PREREQUISITE: College-Level Reading;
Legal and insurance issues of ski area liability are introduced in this course. Emphasis is on regulations and operating procedures in case of an accident and ways to minimize liability risks.
Prev. Course Codes: (SAO-252) (SAO-231) 45 CLOCK HRS

SAO-111 - EQUIPMENT OPERATIONS — 2.0 CR
CO-REQUISITES: SAO-151;
Designed to introduce a student to the safe and efficient operation of various heavy and light equipment currently in use at ski areas such as wheeled and tracked vehicles, stationary equipment, and large hand operated machinery.
Prev. Course Codes: (SAO-020) (HEQ-010) (HEQ-234A) (HEQ-234) 30 CLOCK HRS

SAO-112 - EQUIPMENT OPERATIONS LAB — 1.0 CR
Hands-on operation of selected heavy equipment including backhoe and dozer tractors will be practiced. Common excavation techniques, pre-operations checks, and safety will be emphasized.
Prev. Course Codes: (SAO-020L) (HEQ-012) (HEQ-234L) (HEQ-234) 30 CLOCK HRS

SAO-121 - ROPEWAY MECHANICAL MAINTENANCE TECHNICIAN I — 4.0 CR
This course will familiarize the student/ropeway mechanical maintenance apprentice with the safe use of hand power tools; use, care and calibration of precision measurement devices; properties and use of various lubricants; proper use of gaskets and packing materials and use/installation of various mechanical seals. Students must be employed as a ropeway maintenance apprentice or a ropeway mechanic/electrician.
60 CLOCK HRS

SAO-122 - ROPEWAY MECHANICAL MAINTENANCE TECHNICIAN II — 3.0 CR
This course will familiarize the student/ropeway mechanical maintenance apprentice with gears and gear arrangements; major tasks involved in gearbox overhauls; basic principles associated with moving loads; proper use of devices designed to lift and move loads; and the various types of ladders and scaffolds that enable personnel to work at heights. Students must be employed as a ropeway maintenance apprentice or a ropeway mechanic/electrician.
45 CLOCK HRS

Courses

SAO

SAO-123 – ROPEWAY MECHANICAL MAINTENANCE TECHNICIAN III   **4.0 CR**
This course will familiarize the student/ropeway mechanical maintenance apprentice with the basic operation/maintenance of bearings, basic principles of measuring/correcting shaft misalignment, and equipment/procedures for aligning shafts. Students must be employed as a ropeway maintenance apprentice or a ropeway mechanic/electrician.
60 CLOCK HRS

SAO-124 – ROPEWAY MECHANICAL MAINTENANCE TECHNICIAN IV   **3.0 CR**
This course will familiarize the student/ropeway mechanical maintenance apprentice with the basic principles associated with measuring and analyzing vibration in rotating equipment, the basic concepts associated with oxy-fuel and arc welding, and the basic parts and safe operation of oxy-fuel gas welding rigs. Students must be employed as a ropeway maintenance apprentice or a ropeway mechanic/electrician.
45 CLOCK HRS

SAO-131 – TRAIL GROOMING OPERATIONS   **2.0 CR**
CO-REQUISITES: SAO-133;
Teaches proper grooming, packing, and slope conditioning techniques to maximize skier safety and enjoyment, and utilizing minimum snowfall to provide an adequate skiing base. Various over-the-snow vehicles and their capabilities and limitations will be dealt with, including grooming implements.
Prev. Course Codes: (SAO-181) (SAO-056) (SAO-234A) (SAO-234) 30 CLOCK HRS

SAO-132 – TRAIL GROOMING OPERATIONS LAB   **1.0 CR**
Covers the basic skills required to safely and properly operate trail grooming equipment and perform trail maintenance activities. Grooming of both downhill and cross country ski trails will be covered.
Prev. Course Codes: (sao-182) (SAO-057) (SAO-234L) (SAO-234) 30 CLOCK HRS

SAO-133 – TERRAIN PARK & HALF-PIPE OPERATIONS   **1.0 CR**
CO-REQUISITES: SAO-131;
Students will become familiar with various terrain park elements regarding layout, construction, and daily maintenance. Half-pipe construction and maintenance will also be addressed. In addition, students will be exposed to the management of these facilities regarding opening/closing procedures, risk management, and collaboration between various involved departments to include snowmaking, grooming, ski patrol, and ski school.
15 CLOCK HRS

SAO-141 – SNOWMAKING OPERATIONS   **2.0 CR**
CO-REQUISITES: SAO-142;
This course is designed to familiarize students with snowmaking equipment; system design; and operating techniques, technology, and safety.
Prev. Course Codes: (SAO-014) (SAO-113A) (SAO-113) 30 CLOCK HRS

SAO-142 – SNOWMAKING OPERATIONS LAB   **1.0 CR**
CO-REQUISITES: SAO-141;
Operation of snowmaking systems will provide skills in snowmaking techniques and weather monitoring. Equipment used will be selected airless and air/water guns.
Prev. Course Codes: (SAO-015) (SAO-113L) (SAO-113) 30 CLOCK HRS

SAO-151 – SNOW VEHICLE MAINTENANCE   **2.0 CR**
CO-REQUISITES: SAO-111;
This course is designed to provide basic information and skills required to safely maintain and repair gasoline and diesel over-the-snow vehicles. Emphasis will be given to hydraulics, vehicle electricity, and manufacturer's recommended preventative and scheduled maintenance procedures.
Prev. Course Codes: (SAO-016) (SAO-114A) (SAO-114) 30 CLOCK HRS

SAO-152 – SNOW VEHICLE MAINTENANCE LAB   **1.0 CR**
CO-REQUISITES: SAO-151;
Basic skills required to safely maintain and repair gasoline and diesel over-the-snow vehicles will be provided. Emphasis will be given to hydraulics, vehicle electricity, and manufacturers recommended preventative and scheduled maintenance procedures.
Prev. Course Codes: (SAO-017) (SAO-114L) (SAO-114) 30 CLOCK HRS

SAO-155 – EVENTS MANAGEMENT   **3.0 CR**
Considers race and events management. Topics include organizing and conducting events; local, regional, and national volunteer and professional groups; budgets; equipment; and personnel.
Prev. Course Codes: (SAO-023) (SAO-123) 45 CLOCK HRS

SAO-160 – SKI PATROL OPERATIONS   **2.0 CR**
CO-REQUISITES: SAO-161;
This course is designed to teach you the basic skiing, equipment handling and rescue techniques required of a ski patroller. You will utilize your training in advanced first aid and your fundamental skiing skills.
Prev. Course Codes: (SAO-161) (SAO-051A) (SAO-220A) (SAO-222) 30 CLOCK HRS

SAO-161 – SKI PATROL OPERATIONS LAB   **1.0 CR**
CO-REQUISITES: SAO-160;
PREREQUISITE: HPR-125 or EMS-125;
Min. grade C-;
This course is a laboratory course associated with SAO 160.
Prev. Course Codes: (SAO-162) (SAO-052) (SAO-220L) (SAO-220) 30 CLOCK HRS

SAO-187 – COOPERATIVE EDUCATION   **7.0 CR**
Provides students an opportunity to gain practical experience in applying their occupational skills and/or to develop specific skills in a practical work setting. The instructor will work with the student to select an appropriate work site, establish learning objectives, and to coordinate learning activities with the employer or work site supervisor.
Prev. Course Codes: (SAO-230C) (SAO-230G) (SAO-060G) 315 CLOCK HRS

SAO-188 – WORK EXPERIENCE   **2.0 CR**
Provides work experience for students to gain practical work experience related to their educational program.
Prev. Course Codes: (SAO-288) 90 CLOCK HRS

SAO-210 – ROPEWAY CONSTRUCTION & MAINTENANCE   **3.0 CR**
Students will become familiar with various ropeway construction methods and maintenance techniques. Design features of various manufacturers will be discussed and/or observed. Safety, construction techniques, blueprint reading and both preventative and repair maintenance will be emphasized.
Prev. Course Codes: (SAO-053) (SAO-221) 45 CLOCK HRS

SAO-221 – ROPEWAY ELECTRICAL MAINTENANCE TECHNICIAN I   **4.0 CR**
CO-REQUISITES: MAT-121;
This course will familiarize the student/ropeway electrical maintenance apprentice with the theory and procedures applicable to electrical wiring and AC motors as used in the North American ropeway industry. Students must be employed as a ropeway electrical maintenance technician or a ropeway maintenance apprentice or ropeway mechanic/electrician.
60 CLOCK HRS

SAO-222 – ROPEWAY ELECTRICAL MAINTENANCE TECHNICIAN II   **4.0 CR**
This course will familiarize the student/ropeway electrical maintenance apprentice with the theory and procedures applicable to electrical wiring and DC motors as used in the North American ropeway industry. Students must be employed as a ropeway maintenance apprentice or a ropeway mechanic/electrician.
60 CLOCK HRS

SAO-223 – ROPEWAY ELECTRICAL MAINTENANCE TECHNICIAN III   **3.0 CR**
This course will familiarize student/ropeway electrical maintenance apprentice with the theory and procedures applicable to automation controls, continuous process and programmable logic controllers as used in the North American ropeway industry. Students must be employed as a ropeway maintenance apprentice or a ropeway mechanic/electrician.
45 CLOCK HRS

SAO-224 – ROPEWAY ELECTRICAL MAINTENANCE TECHNICIAN IV   **4.0 CR**
This course will familiarize the student/ropeway electrical maintenance apprentice with the theory and procedures applicable to programmable logic controllers and variable speed drives as used in the North American ropeway industry. Students must be employed as a ropeway maintenance apprentice or a ropeway mechanic/electrician.
60 CLOCK HRS

SAO-240 – SKI AREA PLANNING   **3.0 CR**
PREREQUISITE: College-Level Reading;
Design and clearing of ski trails and locating support facilities approved in long-range ski area development plans are topics of this course. Emphasis will be given to computing skiing capacity and balancing of facilities, lift, and trail capacities with various environmental constraints.
Prev. Course Codes: (SAO-058) (SAO-236) 45 CLOCK HRS

SAO-260 – SKI AREA OPERATIONS SEMINAR   **1.0 CR**
PREREQUISITE: College-Level Reading;
This seminar will expose students to different individuals who are presently working within the ski industry and will give them exposure to issues which are currently under discussion in the industry.
Prev. Course Codes: (SAO-059) (SAO-248) 15 CLOCK HRS

SAO-288 – SUPERVISED CO-OP WORK EXPERIENCE   **5.0 CR**
Provides work experience for students to gain practical work experience related to their educational program.
Prev. Course Codes: (SAO-289) 225 CLOCK HRS

Small Business Management

SBM-101 – STARTING A SMALL BUSINESS   **1.0 CR**
Provides a brief overview of various topics related to starting a small business. Some topics are types of businesses, location, image, insurance, permits, and licenses.

SAO

Prev. Course Codes: (BSM-270BP) (BSM-080) (BSM-247AN) (BSM-270HS) (BSM-085) (BSM-247PA) 15 CLOCK HRS

SBM-103 - LEGAL ASPECTS OF A SMALL BUSINESS   1.0 CR
Provides a brief overview of legal issues involved in starting and managing a small business. The course focuses on business organizations, contracts, and agreements and protecting the business.
15 CLOCK HRS

SBM-106 - RECORDKEEPING FOR A SMALL BUSINESS 1.0 CR
Provides an overview of recordkeeping for a small business. Students learn basic bookkeeping skills and key recordkeeping requirements.
Prev. Course Codes: (BSM-121) (BSM-033) (BSM-247B) 15 CLOCK HRS

SBM-108 - MARKETING FOR A SMALL BUSINESS   1.0 CR
Provides a brief overview of the marketing functions applied to a small business. Topics include planning a marketing strategy, promoting a business, competitive analysis, and customers and prospects.
15 CLOCK HRS

SBM-110 - MANAGING A SMALL BUSINESS   1.0 CR
Provides a brief overview of the management process as it applies to the small business. Concepts covered in the course include setting goals, conducting evaluations, and analyzing financial records.
Prev. Course Codes: (BSM-110) (BSM-010) (BSM-110) 15 CLOCK HRS

SBM-112 - FINANCING A SMALL BUSINESS   1.0 CR
Provides a brief overview of the basics of financing a small business. Topics include source of capital, types of business loans, and maintenance of cash flow.
15 CLOCK HRS

SBM-151 - SMALL BUSINESS PLANNING   3.0 CR
Provides the students with hands-on, practical application for the small business. The culmination of this class will be a student's well defined business plan, including strategies and knowledge of available resources and necessary skills to manage their own small business.
Prev. Course Codes: (BSM-131) 45 CLOCK HRS

SBM-175 - SPECIAL TOPICS   1.0-6.0 CR
Provides students with a vehicle to pursue special topics of interest. The content of this course is designed on an as needed basis to provide current, up-to-date information.
15 CLOCK HRS

SBM-287 - COOPERATIVE EDUCATION   1.0-6.0 CR
Provides work experience for students to gain practical work experience related to their educational program.
Prev. Course Codes: (BSM-130C) 15 CLOCK HRS

SBM-289 - WRITING A BUSINESS PLAN   1.0 CR
Provides a capstone experience for the Small Business certificate program. The student will write a business plan.
15 CLOCK HRS

Science

✱ SCI-155 - INTEGRATED SCIENCE I   4.0 CR
Examines the nature of energy and matter. Their interactions and changes, and the application of fundamental concepts to the study of our natural world.
75 CLOCK HRS

✱ SCI-156 - INTEGRATED SCIENCE II   4.0 CR
PREREQUISITE: SCI-155; Min. grade C-;
Examines earth and biological systems, living and non-living environments through the application and refinement of fundamental energy and matter concepts.
75 CLOCK HRS

Ski Business

SKB-105 - SKI HISTORY   1.0 CR
Presents the history of the sport of skiing and the ski and snowboard industry. Examines the changes in equipment, ski areas, and industry from the late 1800's to today. Class will explore the different roles and influences ski industry leaders and innovators achieved.
15 CLOCK HRS

SKB-110 - BOOT FITTING I   2.0 CR
Retail boot fitting is covered in this course. Included will be anatomy and physiology of the foot, boot design, analyzing and solving fit problems, introduction to foot bed construction, and basic shell expansion and repairs.
Prev. Course Codes: (SKB-016) (SKB-116) 45 CLOCK HRS

SKB-111 - BOOT FITTING II   2.0 CR
PREREQUISITE: SKB-110; Min. grade C-;
Advanced boot fitting procedures will be covered in this course and will include the following: advanced modification techniques, stance balancing and canting techniques, custom inner boot fitting options, and advanced foot bed manufacturing.
45 CLOCK HRS

SKB-115 - INTRODUCTION TO SKI AREA RENTAL & REPAIR   1.0 CR
This course introduces ski rental and repair shop operations. Topics include: cashiering, fitting, informational skills, product knowledge, inventory control, ski and binding maintenance, customer relations, and security.
Prev. Course Codes: (SKB-015) (SKB-115) 22.5 CLOCK HRS

SKB-117 - SKI & SNOWBOARD BUSINESS RETAILING & SALES   3.0 CR
Emphasizes the study of the basic principles and techniques of snow sport merchandising, operations, layout, store organization, site location, and customer service with an emphasis on snow sport retailing operations. Enables the student to understand and develop ethical sales techniques and covers the role of selling in the retail process. Areas of emphasis include behavioral considerations in the buying and selling process and sales techniques.
45 CLOCK HRS

SKB-120 - SKI & BOARD REPAIR & TUNING I   2.0 CR
A well tuned ski can increase the skiers performance and safety. Emphasis will be given to the ski repair shop as a profit center, techniques of ski repair and ski tuning.
Prev. Course Codes: (SKB-017) (SKB-117) 45 CLOCK HRS

SKB-121 - SKI & BOARD TUNING II   2.0 CR
PREREQUISITE: SKB-120; Min. grade C-;
Provides students with advanced skills associated with proper machine and tool use, edge repair, and delaminations, and introduces them to binding inspection and mounting adjustment. Advanced structuring and waxing techniques and evaluation and prioritization of ski and board repairs to ensure product reliability and safety are covered.
45 CLOCK HRS

SKB-130 - ACCELERATED BOOT FITTING   3.0 CR
Covers retail boot fitting. Included will be the anatomy and physiology of the foot, boot design, analyzing and solving fit problems, introduction to advanced footbed construction, and advanced boot fitting procedures including stance balancing and canting techniques and custom inner boot fitting options.
67.5 CLOCK HRS

SKB-140 - ACCELERATED SKI & BOARD TUNING   3.0 CR
Emphasizes the ski repair shop as a profit center and techniques of ski repair and ski tuning. Provides students with advanced skills associated with proper machine and tool use, edge repair, delaminations, and introduces them to binding inspection and mountain adjustment. Advanced structuring and waxing techniques and evaluation and prioritization of ski and board repairs to ensure product reliability and safety are covered.
67.5 CLOCK HRS

SKB-187 - WORK EXPERIENCE   1.0-6.0 CR
Provides work experience for students to gain practical work experience related to their educational program.

SKB-210 - SKI AND BOARD PRODUCT DESIGN   3.0 CR
Design and manufacturing aspects of ski equipment and clothing are introduced in this course. Performance, safety, materials, graphics, and packaging are covered.
Prev. Course Codes: (SKB-022) (SKB-122) 45 CLOCK HRS

SKB-216 - SKI & SNOWBOARD MARKETING & MEDIA   3.0 CR
Presents the analysis of theoretical marketing processes and the strategies of product development, pricing, promotion and distribution and their applications to the snow sport business and the individual consumer.
45 CLOCK HRS

SKB-220 - SNOW SPORTS RETAIL & WHOLESALE   3.0 CR
The organization, management, and planning strategies of a retail, repair, and rental shop are introduced in this course. Shop design, equipment buying and storage, shop procedures, shop liability, inventory, and bookkeeping are emphasized.
45 CLOCK HRS

SKB-225 - MERCHANDISING AND BUYING   3.0 CR
Marketing and merchandising ski equipment are introduced in this course. The marketing mix of a retail shop, product lines, and merchandising strategies are covered.
Prev. Course Codes: (SKB-021) (SKB-121) 45 CLOCK HRS

SKB-229 - INTEGRATED PORTFOLIO & CAPSTONE   3.0 CR
This course is a review of the major ideas and issues of the Ski and Snowboard Business program. Through development of an integrated portfolio gained during an internship with a ski and snowboard business the student will demonstrate proficiency in degree competencies.
135 CLOCK HRS

Courses

SKB

SKB-287 – WORK EXPERIENCE 1.0-6.0 CR
Provides work experience for students to gain practical work experience related to their educational program.
Prev. Course Codes: (SKB-130C) (SKB-030C) (SKB-130C)

Sociology

🔒 **SOC-101 – INTRODUCTION TO SOCIOLOGY I** 3.0 CR
PREREQUISITE: College-Level Reading;
Examines the basic concepts, theories, and principles of sociology as well as human culture, social groups, and the social issues of age, gender, class, and race.
Prev. Course Codes: (SOC-151) 45 CLOCK HRS

🔒 **SOC-102 – INTRODUCTION TO SOCIOLOGY II** 3.0 CR
PREREQUISITE: College-Level Reading;
Examines social institutions and organizations from the macro perspective. Emphasizes issues of social change, demography, social movements, and conflicts and trends within education, religion, family, political, and economic structures.
Prev. Course Codes: (SOC-152) 45 CLOCK HRS

SOC-175 – SPECIAL TOPICS 1.0-3.0 CR
PREREQUISITE: College-Level Reading;
Provides students with a vehicle to pursue special topics of interest. The content of this course is designed on an as needed basis to provide current, up-to-date information.

✳ **SOC-205 – SOCIOLOGY OF FAMILY DYNAMICS** 3.0 CR
PREREQUISITE: SOC-101; Min. grade C-;
Develops an understanding of marriage, family and kinship. It examines the family as an institution and how social, cultural, and personal factors influence family relations. The stability and diversity of the family will be explored, along with current trends and some alternative life styles.
Prev. Course Codes: (SOC-210) (SOC-155)
45 CLOCK HRS

✳ **SOC-215 – CONTEMPORARY SOCIAL PROBLEMS** 3.0 CR
PREREQUISITE: College-Level Reading;
Explores current social issues that result in societal problems. It focuses on such issues as civil liberties, gender discrimination, substance abuse, crime, poverty, and social change.
45 CLOCK HRS

✳ **SOC-218 – SOCIOLOGY OF DIVERSITY** 3.0 CR
PREREQUISITE: College-Level Reading;
Explores the variety of inter-group relations regarding race, nationality, ethnicity, gender, sexual orientation, and other diversity issues. Patterns of prejudice, discrimination, and possible solutions to these issues will be addressed.
Prev. Course Codes: (SOC-220) 45 CLOCK HRS

✳ **SOC-222 – AGING IN A DIVERSE SOCIETY** 3.0 CR
PREREQUISITE: College-Level Reading;
This course examines the present and future roles of the aged in the family, the community, and the workplace. Economic, political, health, and retirement systems will be studied.
Prev. Course Codes: (SOC-236) 45 CLOCK HRS

✳ **SOC-225 – AMERICAN LEADERSHIP FORUM** 2.0 CR
PREREQUISITE: College-Level Reading;
This is an advanced course in community leadership development designed for established leaders in the public, private, and independent sectors. It emphasizes an inclusive, collaborative leadership model to promote positive community change.
195 CLOCK HRS

✳ **SOC-261 – UNDERSTANDING CHILD SEXUAL ABUSE** 3.0 CR
PREREQUISITE: College-Level Reading;
This course deals with an historical understanding of child sexual abuse, including definitions, dynamics, effects on the victim, how society intervenes, and prevention methods.
45 CLOCK HRS

SOC-275 – SPECIAL TOPICS 1.0-3.0 CR
PREREQUISITE: College-Level Reading;
Provides students with a vehicle to pursue special topics of interest. The content of this course is designed on an as needed basis to provide current, up-to-date information.
Prev. Course Codes: (SOC-270CF) (SOC-270SL) (SOC-270WI)

✳ **SOC-287 – INTERNSHIP I** 1.0-6.0 CR
PREREQUISITE: College-Level Reading;
Provides work experience for students to gain practical work experience related to their educational programs.
15 CLOCK HRS

Spanish

SPA-100 – INTRODUCTION TO SPANISH 3.0 CR
Designed to give the student an overview of foreign language acquisition, an appreciation of foreign cultures, and to develop appropriate study skills for success in a foreign language classroom. Instruction will include basic vocabulary, grammar, and expressions that are used in daily situations.
45 CLOCK HRS

SPA-101 – CONVERSATIONAL SPANISH I 3.0 CR
Offers beginning students the skills necessary to understand and speak Spanish. The material includes basic vocabulary, grammar, and expressions that are used in daily situations and in travel.
Prev. Course Codes: (SPA-101A) (SPA-101) (SPA-011) (SPN-135) 45 CLOCK HRS

SPA-102 – CONVERSATIONAL SPANISH II 3.0 CR
PREREQUISITE: SPA-101(1057); Min. grade C-;
Offers students the skills necessary to understand and speak Spanish. The material continues to basic conversation patterns, expressions, and grammar.
Prev. Course Codes: (SPA-102A) (SPA-102) (SPA-012) (SPN-136) 45 CLOCK HRS

SPA-103 – INTERCAMBIO I: BEGINNING LEVEL 2.0 CR
Focuses on true conversational practice of Spanish and English between native Spanish speakers and native English speakers. Spanish and English learners will meet together under the direction of facilitators to practice their target language in group and paired teams. Weekly meetings will focus on rotating between themes and cultural sharing.
30 CLOCK HRS

SPA-104 – INTERCAMBIO II: INTERMEDIATE LEVEL 2.0 CR
PREREQUISITE: SPA-103 or SPA-111; Min. grade C-;
This class focuses on true conversational practice of Spanish and English between native Spanish speakers and native English speakers. Spanish and English learners will meet together under the direction of facilitators to practice their target language in group and paired teams. Weekly meetings will focus on rotating between themes and cultural sharing.
30 CLOCK HRS

SPA-105 – INTERCAMBIO III: ADVANCED LEVEL 2.0 CR
PREREQUISITE: SPA-104 or SPA-211; Min. grade C-;
This class focuses on true conversational practice of Spanish and English between native Spanish speakers and native English speakers. Spanish and English learners will meet together under the direction of facilitators to practice their target language in group and paired teams. Weekly meetings will focus on rotating between themes and cultural sharing.
30 CLOCK HRS

✳ **SPA-111 – SPANISH LANGUAGE I** 5.0 CR
PREREQUISITE: College-Level Reading;
Deals with the development of functional proficiency in listening, speaking, reading, and writing the Spanish language. Note: The order of the topics and methodology will vary according to individual texts and instructors.
Prev. Course Codes: (SPN-151) 75 CLOCK HRS

✳ **SPA-112 – SPANISH LANGUAGE II** 5.0 CR
PREREQUISITE: SPA-111; Min. grade C-;
Continues Spanish Language I in the development of functional proficiency in listening, speaking, reading, and writing the Spanish languages. Note: The order of the topics and the methodology will vary according to individual texts and instructors.
Prev. Course Codes: (SPN-152) 75 CLOCK HRS

SPA-115 – SPANISH FOR THE PROFESSIONAL I 3.0 CR
PREREQUISITE: College-Level Reading;
Designed as an introduction to a working knowledge of the target language, cultural behaviors, and values useful in various professional fields such as health care, law enforcement, bilingual education, business, and others.
45 CLOCK HRS

SPA-175 – SPECIAL TOPICS 1.0-6.0 CR
Provides students with a vehicle to pursue in-depth exploration of special topics of interest.

SPA-201 – CONVERSATIONAL SPANISH III 3.0 CR
PREREQUISITE: SPA-102(1058); Min. grade C-;
Provides students with the skills necessary to continue their study of understanding and speaking Spanish. The material includes intermediate-level vocabulary, grammar, and expressions.
45 CLOCK HRS

SPA-202 – CONVERSATIONAL SPANISH IV 3.0 CR
PREREQUISITE: SPA-201; Min. grade C-;
Provides students the skills necessary to continue their study of understanding and speaking Spanish. The material will continue to cover intermediate level conversational patterns, expressions, and grammar.
45 CLOCK HRS

✳ **SPA-211 – SPANISH LANGUAGE III** 3.0 CR
PREREQUISITE: SPA-112; Min. grade C-;
Continues Spanish Language I and II in the development of increased functional proficiency in listening, speaking, reading, and writing the Spanish language. Note: The order of the topics and the methodology will vary according to individual texts and instructors.
Prev. Course Codes: (SPN-251) 45 CLOCK HRS

SKB

✳ Applies to CMC AA/AS degree 🔒 Colorado State Guaranteed Transfer Course NOTE: Not all courses are offered at every campus each term.

⚿ SPA-212 - SPANISH LANGUAGE IV   **3.0 CR**
PREREQUISITE: SPA-211; Min. grade C-;
Continues Spanish I, II, and III in the development of increased functional proficiency in listening, speaking, reading, and writing the language.
Prev. Course Codes: (SPN-252) 45 CLOCK HRS

SPA-215 - SPANISH FOR THE PROFESSIONAL II   **3.0 CR**
PREREQUISITE: SPA-115(18825); Min. grade C-;
Continues SPA-115 in the development of a working knowledge of the target language, cultural behaviors, and values useful in various professional fields such as health care, law enforcement, bilingual education, business, and others.
45 CLOCK HRS

✳ SPA-235 - SPANISH READING-WRITING   **3.0 CR**
PREREQUISITE: SPA-212; Min. grade C-;
Builds vocabulary and develops reading and writing strategies in Spanish to be able to analyze fictional and non-fictional texts and gain further cultural insight of the Hispanic world.
Prev. Course Codes: (SPA-220) 45 CLOCK HRS

✳ SPA-261 - GRAMMAR FOR THE HERITAGE LANGUAGE SPEAKER   **3.0 CR**
PREREQUISITE: SPA-212; Min. grade C-;
Provides formal grammatical instruction to foreign language students, whether native or bilingual, who want to develop their existing proficiency in the target language.
45 CLOCK HRS

✳ SPA-262 - COMPOSITION FOR THE HERITAGE LANGUAGE SPEAKER   **3.0 CR**
PREREQUISITE: SPA-212; Min. grade C-;
Provides formal composition instruction to Spanish language students, whether native or bilingual, who want to develop their existing proficiency in the target language.
45 CLOCK HRS

SPA-275 - SPECIAL TOPICS   **1.0-6.0 CR**
PREREQUISITE: College-Level Reading;
Provides students with a vehicle to pursue special topics of interest. The content of this course is designed on an as needed basis to provide current, up-do-date information.
15 CLOCK HRS

Speech

✳ SPE-115 - PUBLIC SPEAKING   **3.0 CR**
PREREQUISITE: College-Level Reading;
Combines basic theory of speech communication with public speech performance skills, speech delivery, preparation, organization, support and audience analysis.
Prev. Course Codes: (COM-161) 45 CLOCK HRS

✳ SPE-125 - INTERPERSONAL COMMUNICATION   **3.0 CR**
PREREQUISITE: College-Level Reading;
Examines the communication involved in interpersonal relationships occurring in a family, social, and career situations. Relevant concepts include self concept, perception, listening, nonverbal communication, and conflict negotiation.
Prev. Course Codes: (COM-120) (COM-264) 45 CLOCK HRS

✳ SPE-215 - PROFESSIONAL & BUSINESS SPEAKING   **1.0 CR**
PREREQUISITE: College-Level Reading;
This course covers speech communication techniques applicable to professional, business, and educational careers. Emphasis is on conference speaking, marketing presentations, business meetings, briefings, interviewing, and managerial/supervisory communication. It includes skill development and analysis of communication.
Prev. Course Codes: (SPE-047CC) (COM-247S) (COM-270CC) 15 CLOCK HRS

✳ SPE-216 - PRINCIPLES OF SPEECH COMMUNICATION II   **3.0 CR**
PREREQUISITE: SPE-115; Min. grade C-;
Emphasizes the intensification of ideas and styles with a focus on persuasive speaking. The course includes additional studies in rhetorical analysis and oral delivery methods.
Prev. Course Codes: (SPE-116) (COM-162) 45 CLOCK HRS

✳ SPE-230 - ARGUMENTATION AND DEBATE   **3.0 CR**
PREREQUISITE: SPE-115; Min. grade C-;
Acquaints students with the theory of argumentation including reasoning, evidence, refutation, and critical thinking. It includes practice in preparation and oral analysis of selected arguments and styles of debating.
45 CLOCK HRS

SPE-275 - SPECIAL TOPICS   **1.0-6.0 CR**
PREREQUISITE: College-Level Reading;
Provides students with a vehicle to pursue special topics of interest. The content of this course is designed on an as needed basis to provide current, up-to-date information.
Prev. Course Codes: (SPE-290A) 15 CLOCK HRS

Theater Arts (Drama)

✳ THE-100 - TECHNICAL THEATER LAB   **1.0-3.0 CR**
Provides students with safety training for working with equipment used for Technical Theater, as well as hands-on experience in one or all of the following areas: stage lighting, set construction, stage properties, costuming, and makeup.
30 CLOCK HRS

⚿ THE-105 - INTRODUCTION TO THEATRE ARTS   **3.0 CR**
PREREQUISITE: College-Level Reading;
Includes discussions, workshops, and lectures designed to discover, analyze, and evaluate all aspects of the theatre experience: scripts, acting, directing, staging, history, and criticism.
45 CLOCK HRS

✳ THE-111 - ACTING I   **3.0 CR**
PREREQUISITE: College-Level Reading;
Covers basic acting techniques and approaches, including scene study, improvisation, and script analysis. It includes practical application through classroom performance.
Prev. Course Codes: (THE-116) (DRA-155) 60 CLOCK HRS

✳ THE-112 - ACTING II   **3.0 CR**
PREREQUISITE: THE-111 or THE-105; Min. grade C-;
Continues to explore basic acting techniques and approaches, including scene study, improvisation, and intermediate script analysis. It includes practical application through classroom performance.
Prev. Course Codes: (THE-117) (DRA-156) 60 CLOCK HRS

✳ THE-131 - THEATRE PRODUCTION I   **3.0 CR**
PREREQUISITE: THE-111 or THE-112; Min. grade C-;
Allows students to put into practice theories of theatre production. Participation in set construction, scenic artistry, costuming, lighting, sound, acting, stage managing, and administration is available.
Prev. Course Codes: (THE-030) (DRA-190) 90 CLOCK HRS

✳ THE-132 - THEATRE PRODUCTION II   **3.0 CR**
PREREQUISITE: THE-111 or THE-112; Min. grade C-;
Allows students to continue to put into practice theories of theatre production. Participation in set construction, scenic artistry, costuming, lighting, sound, acting, stage managing, and administration is available.
90 CLOCK HRS

⚿ THE-211 - DEVELOPMENT OF THEATRE I   **3.0 CR**
PREREQUISITE: College-Level Reading;
Surveys the history and evolution of drama from Ancient Greece to the Renaissance, emphasizing all aspects of the art from period values to analysis of dramatic literature and performance.
Prev. Course Codes: (THE-111) (DRA-151) 45 CLOCK HRS

⚿ THE-212 - DEVELOPMENT OF THEATRE II   **3.0 CR**
PREREQUISITE: College-Level Reading;
Surveys the history and evolution of drama from the Renaissance to the present, emphasizing all aspects of the art from period values to analysis of dramatic literature and performance.
Prev. Course Codes: (THE-112) (DRA-152) 45 CLOCK HRS

✳ THE-270 - ACTING WORKSHOP   **1.0 CR**
PREREQUISITE: College-Level Reading;
The actor's craft will be explored in this workshop. Emphasis will be on motivation, vocalization, character interaction and movement.
15 CLOCK HRS

✳ THE-271 - ACTING WORKSHOP   **3.0 CR**
PREREQUISITE: College-Level Reading;
The actor's craft will be explored in this workshop. Emphasis will be on motivation, vocalization, character interaction, and movement.
Prev. Course Codes: (THE-280AY) (DRA-270C) 45 CLOCK HRS

THE-275 - SPECIAL TOPICS   **1.0-6.0 CR**
PREREQUISITE: College-Level Reading;
Provides students with a vehicle to pursue special topics of interest. The content of this course is designed on an as needed basis to provide current, up-to-date information.
Prev. Course Codes: (THE-290B) (THE-280B) (THE-290B) 15 CLOCK HRS

THE-280 - INTERNSHIP   **1.0-6.0 CR**
PREREQUISITE: College-Level Reading;
Provides students with the opportunity to supplement coursework with practical work experience related to their educational program. Students work under the immediate supervision of experienced personnel at the business location and with the direct guidance of the instructor.
45 CLOCK HRS

Courses

THE

✳ Applies to CMC AA/AS degree   ⚿ Colorado State Guaranteed Transfer Course   NOTE: Not all courses are offered at every campus each term.   **153.**

Veterinary Technology

VET-100 – INTRODUCTION TO VETERINARY TECHNOLOGY 3.0 CR
This course is designed to introduce students to the veterinary profession and discusses career possibilities for the graduate veterinary technician. Topics will include medical terminology, ethics, breed identification of various species, veterinary medical mathematics, lab animal medicine, occupational hazards, and career paths.
45 CLOCK HRS

VET-102 – COMPUTER APPLICATIONS FOR VETERINARY TECHNICIANS 1.0 CR
This course will provide students with computer application skills appropriate for the veterinary setting. Students will use spreadsheet, word processing, and database software, and perform Internet research. Students will apply the knowledge to use common veterinary software for client, patient, and all hospital records.
Prev. Course Codes: (CIS-100) 15 CLOCK HRS

VET-105 – ANIMAL HANDLING AND RESTRAINT 2.0 CR
PREREQUISITE: VET-100; Min. grade C;
This is an introductory course in proper handling, restraining, sexing, and basic manipulation of animals that are encountered in a veterinary practice. Restraint for administration of medication is an integral part of veterinary practice. Hands on practice on large and small domestic animals, avian species, and various others will be performed in this course.
45 CLOCK HRS

VET-111 – ANIMAL CARE I 1.0 CR
PREREQUISITE: VET-105; Min. grade C;
This course provides practical application of concepts learned in the academic Veterinary Technology courses. Animals belonging to the program will be fed and maintained by the student. Each semester the student is assigned 14 days of morning and evening animal care responsibilities. This includes two weekends. Sick and injured patients will be cared for by the students under the direction of the staff veterinarians.
22.5 CLOCK HRS

VET-112 – ANIMAL CARE II 1.0 CR
PREREQUISITE: VET-111; Min. grade C;
This course provides practical application of concepts learned in the academic Veterinary Technology courses. Animals belonging to the program will be fed and maintained by the student. Each semester the student is assigned 14 days of morning and evening animal care responsibilities. This includes two weekends. Sick and injured patients will be cared for by the students under the direction of the staff veterinarians.
22.5 CLOCK HRS

VET-121 – CLINICAL PATHOLOGY I 3.0 CR
CO-REQUISITES: VET-122;
PREREQUISITE: VET-105; Min. grade C;
This course is a clinical parasitology course dealing with the major parasite types that are encountered with companion animals and livestock. Major parasite types include: external parasites such as fleas, lice, ticks, and mites; nematodes; cestodes; trematodes; and filaroid worms. Specific parasite diseases will be discussed, such as Lyme Disease, Heartworm, Equine Strongyles, and exotic parasites.
Prev. Course Codes: (VET-020A) (VET-015A) (AHT-115A) 45 CLOCK HRS

VET-122 – CLINICAL PATHOLOGY I LABORATORY 2.0 CR
CO-REQUISITES: VET-121;
PREREQUISITE: VET-105; Min. grade C;
This basic laboratory course provides clinical experience in diagnostic techniques used for parasites and urine. Major parasite types include: external parasites such as fleas, ticks, mites and lice; nematodes; cestodes; trematodes; and filaroid worms. Urinalysis techniques will include macroscopic, microscopic and chemical evaluations.
Prev. Course Codes: (VET-020L) (VET-015L) (AHT-115L) 60 CLOCK HRS

VET-123 – CLINICAL PATHOLOGY II 3.0 CR
CO-REQUISITES: VET-124;
PREREQUISITE: VET-121; Min. grade C;
This course is a continuation of disciplines that comprise clinical pathology and will include urinalysis, hematology, and clinical chemistry examinations. Topics will include renal function review, urine collection, urinalysis interpretation, blood collection, leukocyte and erythrocyte formation and function, disease processes, and blood chemistry tests and their uses in diagnosis and prognosis.
Prev. Course Codes: (VET-021A) (VET-020A) (AHT-116A) 45 CLOCK HRS

VET-124 – CLINICAL PATHOLOGY II LABORATORY 2.0 CR
CO-REQUISITES: VET-123;
PREREQUISITE: VET-121 VET-122; Min. grade C;
This laboratory course is designed to develop competence in diagnostic procedures in the area of hematology. This course will compare hematologic traits of numerous species. Clinical biochemistry evaluations will be performed. Basic cytologic examinations will be introduced.
Prev. Course Codes: (VET-021L) (VET-020L) (AHT-116L) 60 CLOCK HRS

VET-126 – EQUINE MANAGEMENT 1.0 CR
PREREQUISITE: VET-100; Min. grade C;
This course is designed to provide students with a basic knowledge of the equine. Topics include breeds of horses and their uses, general care of the horse, equine grooming and hoof care, nutrition and feeding of the horse, tack and tack care, equine leg care and basic lameness, equine disease, and vaccination. The format will include lectures and practical demonstrations with horses.
Prev. Course Codes: (VET-221) (VET-012) 22.5 CLOCK HRS

VET-127 – EQUINE CLINICAL TECHNIQUES 1.0 CR
PREREQUISITE: VET-126; Min. grade C;
This course is designed to provide students with an opportunity to develop clinical techniques required of a veterinary technician in an equine practice. Topics include, but are not limited to: the care of a hospitalized equine patient; intravenous catheterization and fluid therapy; mare reproductive exam/insemination techniques; bandaging techniques; preparation and assistance with laceration repair; lameness examinations; and the diagnosis and treatment of colic. The format includes lecture, practical laboratory, and demonstration.
22.5 CLOCK HRS

VET-132 – FELINE MANAGEMENT 1.0 CR
PREREQUISITE: VET-100; Min. grade C;
This course is designed to provide students with basic knowledge and management techniques regarding the feline. The approach will be establishment of successful cattery. Specific feline problems and their solutions will be emphasized. Topics include: cat breeds and economic importance, feline grooming, feline diet and nutrition, feline diseases and medical conditions, breeding and reproduction.
Prev. Course Codes: (VET-226) (VET-015) 22.5 CLOCK HRS

VET-134 – EXOTIC PET MANAGEMENT 1.0 CR
PREREQUISITE: VET-100; Min. grade C;
This course is designed to provide students with knowledge of the particular problems encountered with exotic pets. Species would include: pet birds, reptiles, amphibians, tropical fish, ferrets, pet rodents, pet pigs, and others. Topics for each species include: anatomy and physiology, feeding and nutrition, housing, behavior, diseases, and disease prevention.
Prev. Course Codes: (VET-228) (VET-017) 22.5 CLOCK HRS

VET-135 – WILDLIFE MANAGEMENT 1.0 CR
PREREQUISITE: VET-100; Min. grade C;
This course is primarily a wildlife first aid and emergency management course designed for the student who desires to work with injured and otherwise impaired wildlife. Topics include: wildlife life support systems, shock management, emergency triage methods used with wildlife, first aid, and patient monitoring.
Prev. Course Codes: (VET-229) (VET-019) 22.5 CLOCK HRS

VET-136 – CANINE BEHAVIORAL MANAGEMENT 1.0 CR
PREREQUISITE: VET-100; Min. grade C;
This course is a combined lecture, demonstration, and laboratory course designed to train the student in the basics of canine behavioral therapy. Types of behavioral problems, their prevention, and treatment will be discussed. Basic behavioral principles will be demonstrated with canines.
Prev. Course Codes: (VET-231) (VET-055) (AHT-212) 22.5 CLOCK HRS

VET-150 – ANIMAL SHELTER MANAGEMENT 1.0 CR
This is an introduction for Veterinary Technicians who may wish to seek employment in an animal shelter. Skills such as animal handling, care and management, record keeping, anesthetic and surgical nursing, public relations and education, disease prevention, and control and treatment will be covered in this course.
22.5 CLOCK HRS

VET-187 – WORK EXPERIENCE 1.0 CR
Provides work experience for students to gain practical work experience related to their educational program.
45 CLOCK HRS

VET-189 – COOPERATIVE WORK EXPERIENCE 3.0 CR
Provides work experience for students to gain practical work experience related to their educational program.
135 CLOCK HRS

VET-201 – ANESTHETIC NURSING 3.0 CR
CO-REQUISITES: VET-202;
PREREQUISITE: VET-123 VET-124;
Min. grade C;
This course explains the physiological and pharmacological changes produced by utilizing anesthetic drugs on veterinary patients. Topics include: pre-anesthetic medication and patient evaluation, induction agents, injectable anesthetics, inhalation anesthetics, local anesthetics, muscle relaxants, gas machines, patient

VET

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monitoring, and anesthetic emergencies and how to manage them.
Prev. Course Codes: (VET-041A) (AHT-201A)
45 CLOCK HRS

VET-202 – ANESTHETIC NURSING LABORATORY   2.0 CR
CO-REQUISITES: VET-201;
PREREQUISITE: VET-123 VET-124; Min. grade C;
Animals will be anesthetized and monitored using a wide variety of agents used in practice and research. Students under direct faculty supervision will calculate drug doses, administer the drugs via various routes, intubate appropriate patients, connect gas machines, and maintain anesthesia for surgical preparation and procedures.
Prev. Course Codes: (VET-041L) (AHT-201L)
60 CLOCK HRS

VET-203 – SURGICAL NURSING   3.0 CR
CO-REQUISITES: VET-204;
PREREQUISITE: VET-201 VET-202;
Min. grade C;
Introduces techniques used in the process of assisting a surgeon in both large and small animal surgical procedures. Topics include: patient preparation, personnel preparation, surgical instrument sterilization and care, instrument identification and use, wound healing, shock and cardiac arrest, and the treatment of surgical emergency conditions.
Prev. Course Codes: (VET-042A) (AHT-202A)
45 CLOCK HRS

VET-204 – SURGICAL NURSING LABORATORY   2.0 CR
CO-REQUISITES: VET-203;
PREREQUISITE: VET-201; Min. grade C;
Practical application of surgical anesthesia and surgical assisting procedures will be covered in this course. Animal surgeries will be performed by a Doctor of Veterinary Medicine and the student will assist in the roles of scrub nurse, circulating nurse, equipment and patient preparation staff, and radiological technician. Proficiency will be determined by task performance and evaluation.
Prev. Course Codes: (VET-042L) (AHT-202L)
60 CLOCK HRS

VET-206 – RADIOGRAPHY   3.0 CR
CO-REQUISITES: VET-207, VET-201, VET-202, VET-208;
PREREQUISITE: VET-123 VET-124 BIO-232 BIO-233; Min. grade C;
Students will learn the basics of producing a diagnostic X-ray to be interpreted by the veterinarian. Included will be topics such as: X-ray production, radiographic exposure, composition of X-ray film, and radiation safety techniques.
Prev. Course Codes: (VET-045A) (AHT-205A) (AHT-205) 45 CLOCK HRS

VET-207 – RADIOGRAPHY LABORATORY   2.0 CR
CO-REQUISITES: VET-206;
PREREQUISITE: VET-123 VET-124;
Min. grade C;
Through taking and processing X-rays, the student will learn the correct methods of producing diagnostic radiographic exposures. Included will be techniques involving both large and small animals. This laboratory will be run in conjunction with the Anesthetic Nursing Laboratory. Radiation safety will be heavily emphasized for the protection of the student.
Prev. Course Codes: (VET-045L) (AHT-205L) (AHT-205) 60 CLOCK HRS

VET-208 – VETERINARY MEDICAL NURSING I   3.0 CR
CO-REQUISITES: VET-201, VET-202;
PREREQUISITE: VET-123 VET-124 BIO-232 BIO-233; Min. grade C;
This course is designed as a system based pathophysiology course that discusses each major body system and the way disease can alter that system's physiological response. VMN I focuses on veterinary medical problems for large animals including horses, llamas, and ruminants. Topics include: dentition, gastrointestinal, respiratory, eye and ear, central nervous conditions, and health programs,
Prev. Course Codes: (VET-051) (AHT-210)
45 CLOCK HRS

VET-209 – VETERINARY MEDICAL NURSING II   3.0 CR
CO-REQUISITES: VET-203, VET-204;
PREREQUISITE: VET-208; Min. grade C;
This course is designed as a system based pathophysiology course that discusses each major body system and the way disease can alter that system's physiological response. VMN II focuses on veterinary medical problems for small (companion) animals including dogs and cats. Topics include dentition and dental care, gastrointestinal, respiratory, eye and ear conditions, and health programs.
Prev. Course Codes: (VET-209) (VET-052) (AHT-211) 45 CLOCK HRS

VET-211 – ANIMAL CARE III   1.0 CR
CO-REQUISITES: VET-201, VET-206, VET-208;
PREREQUISITE: VET-112 VET-111;
Min. grade C;
This course provides practical applications of concepts learned in the academic Veterinary Technology courses. Animals belonging to the program will be fed and maintained by the student. Each semester the student is assigned 14 days of morning and evening animal care responsibilites. This includes two weekends. Sick and injured patients will be cared for by the students under the direction of the staff veterinarians.
22.5 CLOCK HRS

VET-212 – ANIMAL CARE IV   1.0 CR
PREREQUISITE: VET-211; Min. grade C;
This course provides practical applications of concepts learned in the academic Veterinary Technology courses. Animals belonging to the program will be fed and maintained by the student. Each semester the student is assigned 14 days of morning and evening animal care responsibilities. This includes two weekends. Sick and injured patients will be cared for by the students under the direction of the staff veterinarians.
22.5 CLOCK HRS

VET-224 – PHARMACOLOGY   3.0 CR
CO-REQUISITES: VET-123, VET-124, BIO-204;
PREREQUISITE: VET-121 BIO-230;
Min. grade C;
In this course the student will learn the principles of pharmacology, mechanisms of drug actions, specific drugs and mathematical equations as they relate to pharmacology.
Prev. Course Codes: (VET-216) (VET-025) (VET-090) (AHT-125) 45 CLOCK HRS

VET-260 – VETERINARY CLINIC MANAGEMENT   3.0 CR
CO-REQUISITES: VET-203;
PREREQUISITE: VET-100; Min. grade C;
Standard office procedures and administrative techniques used in a veterinary hospital are covered in this course. Topics include client and public relations, medical and financial records, inventory procedures, grief therapy, veterinary ethics, and law.
Prev. Course Codes: (VET-060) (AHT-215)
45 CLOCK HRS

VET-287 – WORK EXPERIENCE   5.0 CR
CO-REQUISITES: VET-203, VET-204, VET-209;
PREREQUISITE: VET-201; Min. grade C;
This course is a five-week experience in a veterinary hospital, clinic, or other veterinary establishment. If the student has sufficient practice experience, a zoo externship can be explored with the staff. The student will be evaluated by the veterinarians and technicians in the work experience as well as the college staff based on cumulative examinations, both written and practical.
Prev. Course Codes: (VET-230E) (VET-070)
225 CLOCK HRS

Welding

WEL-100 – SAFETY FOR WELDERS   1.0 CR
Covers the hazards of welding on health and safety, locating essential safety information from a code or other standard, and identifying and applying shop safety procedures.
22.5 CLOCK HRS

WEL-101 – ALLIED CUTTING PROCESSES   4.0 CR
CO-REQUISITES: WEL-100;
PREREQUISITE: WEL-100; Min. grade C-;
Covers setting up equipment and performing cutting and gouging operations utilizing the oxyacetylene, air carbon arc, exothermic, and plasma arc cutting processes. This course will also provide an introduction to blueprint reading.
90 CLOCK HRS

WEL-102 – OXYACETYLENE JOINING PROCESSES   4.0 CR
CO-REQUISITES: WEL-101;
PREREQUISITE: WEL-101; Min. grade C-;
Introduces safety inspections, minor repairs, operating parameters, oxyacetylene welding equipment, and oxyacetylene welding, brazing, and soldering operations. Blueprint reading skills will be practiced in this course.
90 CLOCK HRS

WEL-103 – BASIC SHIELDED METAL ARC I   4.0 CR
PREREQUISITE: WEL-102; Min. grade C-;
Covers performing safety inspections, making minor repairs, adjusting operating parameters, and operating SMAW equipment utilizing E-6010 electrodes. Layout procedures and practices will also be introduced.
90 CLOCK HRS

WEL-111 – ADVANCED SHIELDED METAL ARC II   4.0 CR
PREREQUISITE: WEL-103; Min. grade C-;
Covers safety inspections, minor repairs, operating parameters, operation of SMAW equipment utilizing various electrodes, essential welding information from codes or other standards, and performance of weld inspections.
90 CLOCK HRS

WEL-114 – OXYACETYLENE WELDING   2.0 CR
Teaches the skills necessary to perform safety inspections, make minor repairs, adjust operating parameters, operate oxyacetylene welding equipment, and perform oxyacetylene welding, brazing, and soldering operations.
Prev. Course Codes: (WLD-121) (WLD-036) (WLD-131) 45 CLOCK HRS

Courses

WEL

**WEL-124 – INTRODUCTION TO GAS TUNGSTEN
ARC WELDING**   **4.0 CR**
Covers welding in all positions and on various joint configurations using the GTAW (tig) welding process on carbon steel, stainless steel and aluminum. Student should be familiar with basic metallurgy pertaining to the weldability of metals, structural joints, and safety in the welding industry.
90 CLOCK HRS

WEL-130 – MAINTENANCE WELDING   **2.0 CR**
Gives the student a basic understanding of the Oxy-acetylene cutting and Arc welding processes, and introduction to the skills and techniques used to develop fillet and groove welds. Students will be introduced to oxyacetylene, shielded, gas metal arc welding equipment set up, and various welding techniques. Safety will be stressed during the course.
45 CLOCK HRS

WEL-175 – SPECIAL TOPICS   **1.0–6.0 CR**
Exploration of current topics, issues, and activities related to one or more aspects of the named discipline.

Water Quality Management

**WQM-105 – SPECIFIC CALCULATION FOR WATER QUALITY
MANAGEMENT**   **4.0 CR**
PREREQUISITE: MAT-060(866); Min. grade C-;
Provides an in depth study of the calculation associated with water and wastewater treatment. Topics include dimensional analysis, manipulation of conversion factors, geometric figures, velocities, detention time, surface loading, filtration and backwash rates, porosity, weir overflow rates, efficiencies, weight of dry solids, sludge pumping, settleable solids, volatile solids, mean cell residence times, settleability, disinfection, and chemical dosage as relating to trickling filters, ponds, RBC, and activated sludge.
60 CLOCK HRS

WQM-211 – WASTE WATER TREATMENT   **3.0 CR**
PREREQUISITE: BIO-111(129); Min. grade C-;
Types of operation methods and comparative efficiencies of wastewater treatment systems are covered in this course. Emphasis is on Colorado regulations and information required for a Class D license.
Prev. Course Codes: (WRM-211) (EPT-215)
45 CLOCK HRS

**WQM-212 – DRINKING & PROCESSING
WATER TREATMENT**   **2.0 CR**
PREREQUISITE: CHE-111(191); Min. grade C-;
Methods of water treatment in general use by both industry and municipalities today, including bio-oxidation, activated carbon, nutrient removal, filtration techniques, ion exchange, and other chemical treatments are considered. Emphasis will be placed on how drinking water standards are met.
Prev. Course Codes: (WRM-212) 30 CLOCK HRS

WQM

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Moving On

Before she even graduated, **ALISON COHN** was selected "Rookie Groomer of the Year" by Vail Resorts. As a co-op requirement of her Ski Area Operations program, she operated a snowcat at Beaver Creek Resort. But one winter wasn't enough, Alison finished the season then left for Argentina to check out a snowboard camp and scout for future work opportunities.

As much as you'd like to stay at CMC, you will eventually need to move on. This chapter tells you how to graduate, request transcripts, transfer credits to another college and stay in touch long after you have left us. If you want to understand graduation, transfer and privacy policies, have your records sent to a four-year university, or contact other CMC alumni, you'll find that information here.

Graduation Requirements

Graduation requirements for each degree and certificate program are outlined in the Associate of Arts and Sciences and Occupational Degree and Certificate sections of this catalog. The catalog that is current at the time you begin a program will be used to establish graduation requirements. See Catalog In Force Requirements for more information.

Earning Additional CMC Degrees

If you already have a Colorado Mountain College degree, you must earn at least 15 additional credits, not already applied to the first degree(s), and fulfill all of the degree requirements of the subsequent degree(s).

Continuous Enrollment Policy

If you do not maintain continuous enrollment, you will lose the right to use the original catalog requirements and must use the catalog in force at the beginning of the latest term of continuous enrollment. Continuous enrollment for this purpose is defined as the successful completion of at least three credit hours (that are used in meeting program requirements) in at least two of the three terms of the academic year. The academic year is defined as summer, fall and spring semesters.

Remember to submit your petition for graduation.

Students beginning their enrollment in the spring semester and who successfully complete a minimum of three credit hours that are used in meeting program requirements are considered to have met these standards for the academic year.

You also have the option of selecting the catalog that is in force at the time you apply for graduation. For more information, see Catalog in Force/Catalog of Record, under Academic Policies in the chapter entitled "courses."

Petition for Graduation

When completing an associate degree or certificate of occupational proficiency program, you must submit a graduation petition. This petition must be submitted during the semester prior to the semester in which you plan to graduate. A $20 graduation fee must accompany this petition. All financial obligations to the college must be fulfilled prior to graduation.

Combining Transfer Credit with CMC Credit

You may meet graduation requirements by combining Colorado Mountain College courses (or credit awarded through non-traditional means) and transfer credit. If transfer credit is to be included, you must complete a minimum of the last 15 credit hours at Colorado Mountain College.

You may be authorized to complete a degree awarded by Colorado Mountain College after transferring to another institution. This option must have prior written approval from the appropriate Instructional Dean and the Registrar. If you request this option for awarding an A.A. or A.S. degree, you must

have earned a minimum of 45 credit hours of course work at Colorado Mountain College.

If you request this option for awarding an A.G.S. or A.A.S. degree, you must have earned a minimum of 45 credit hours of course work at Colorado Mountain College. This option is not available for Certificate of Occupational Proficiency programs. Please see the "Definition of Awarded and Earned Credits" section for more information.

Graduating from Discontinued Programs

Colorado Mountain College will not award a degree or certificate for a program that is completed more than 24 months after the program is discontinued by the college. Students must maintain contact with their major department for information concerning deadlines.

Requesting CMC Transcripts

Transcripts that include the current semester will be available approximately three weeks after classes end. However, copies of records, including transcripts, may be withheld because of outstanding financial obligations to Colorado Mountain College.

Please allow adequate processing and mailing time if transcripts are to be sent to other institutions. Official transcripts that are sent directly to another educational institution may be obtained by telephone. The student, a parent or a spouse may request the transcript. Official transcripts that are sent to the student, any other person, or place must be requested by the student in writing from the following:

Colorado Mountain College
Transcript Department
831 Grand Avenue
Glenwood Springs, CO 81601

For **telephone** requests, call 970-945-8691.

Fax your requests to 970-947-8387.

Transcript Sent:	Cost
To other educational institution	Free
To non-educational institution	First 5 Free, $2 each thereafter.
Faxed within U.S.	$5
Faxed Internationally	$10

Faxed Transcripts

Colorado Mountain College does not accept transcripts received by fax. Students may, however, need to have their transcripts faxed elsewhere. Students should check with the receiving institution to determine if they will accept faxed transcripts. The fee for faxing transcripts within the United States is $5.

We will fax transcripts outside United States, but cannot accept responsibility for getting the call delivered. We will only attempt to fax during regular business hours. Transcripts faxed outside the United States are $10 per destination. Copies of records, including transcripts, may be withheld because of outstanding financial obligations to Colorado Mountain College.

Grades and Other Codes on Transcripts

If you officially drop a course prior to the class census date (usually defined as the completion of 15 percent of the course instruction), the class will not appear on your transcript. If you drop after the census date but before the Class Withdrawal (drop) Date (usually defined as the completion of 75 percent of the course instruction), a "W" will be assigned for the class. Students enrolled in a class after this date must receive an evaluative or Audit grade ("A" through "F," "P" or "AU"). Please see the registration section, "Course Withdrawals" for required procedures for dropping a class.

Non-credit: Prior to summer 2003, non-credit courses did not appear on the students' academic record. Currently, there is a special non-credit transcript available upon request.

"W"-Withdrawal: A "W" is assigned if the student officially drops a class after the census date.

"AW"-Administrative Withdrawal: If a student is withdrawn from a course by the faculty member or other college administrator, a symbol of "AW" is assigned for the course.

"I"- Incomplete: An "I" indicates that the course objectives are not yet fulfilled. It is the responsibility of the student to request, if needed, the assignment of an incomplete grade by the instructor. The instructor's decision to authorize or not authorize an

incomplete grade is final. Arrangements concerning the completion of the course work must be made with the faculty member prior to the assignment of the "I" grade. This agreement must be written on an Incomplete Course Form. The faculty member may allow up to one semester (not including summer) to complete the course requirements. Work must be completed in sufficient time for the grade change form to be received by the Registrars Office prior to the end of the semester date printed in this catalog. Those grades that are not changed by the end of the semester will automatically become failing grades ("F").

"AU"- Audit: An "AU" will be assigned for courses that are audited. This symbol verifies only that the student registered for the class. The student is not required to regularly attend the class or to be evaluated.

"NG"- No Grade: Occasionally, emergencies cause an instructor to be delayed in reporting grades for a class that has been completed. While awaiting the reporting of the grades, the temporary symbol of "NG" is assigned.

" * "- Grade Removed by Appeal: This symbol is entered if the grade originally assigned by the instructor is removed by the Grade Appeal Committee. The course remains on the transcript only as a historical record.

Grades for Repeated Courses: Courses are designated by the college as repeatable or non-repeatable. When you retake repeatable courses, the grade, credits, and quality points earned for both courses will be counted in your cumulative grade point average.

Non-repeatable courses may be retaken, but only the grade and credits earned in the most recent enrollment will be counted in your cumulative record. The first registration in the course remains on your transcript with an "R" next to the grade.

Non-Traditional Credit. Colorado Mountain College awards credit through national standardized exams, challenge exams, and credit for life experience. To be awarded credit, students must be currently enrolled in a degree or certificate program. Credits posted to a students' academic record through one of these non-traditional methods are noted indicating the method by which they were awarded.

Earning Bachelor's and Graduate Degrees within the CMC Service Area

The following colleges and universities offer off-campus and/or web-based degree programs, or courses leading to a degree within the Colorado Mountain College service area. For more information, please contact a CMC counselor or the institution which is offering the program.

CSUN: Colorado State University Network for Learning
(970) 491-6909
www.colostate.edu

University of Colorado, Denver
(303) 556-3374

Master of Arts in Counseling, Breckenridge

Regis University
(800) 910-2910
www.regis.edu

Mesa State University

BA in Elementary Education
www.coloradomtn.edu/programs/ctp/home.html

Transferring CMC Credits Out

This section of the catalog describes the transfer policies pertaining to the Colorado State Guaranteed Course Transfer, as well as program-specific and school-specific transfer policies.

Because policies related to credit transfer are continually evolving, we strongly recommend close and ongoing communication with your Academic Advisor to ensure a smooth transfer of credits, at both CMC and the receiving institution.

For the latest list of Colorado State Guaranteed General Education Courses and participating institutions, www.state.co.us/cche/gened/gtpathways/transfer.pdf .

See the Colorado Mountain College Advising page at coloradomtn.edu/advising for contact information and advice.

General Education Transfer FAQS

1. When did the new statewide guaranteed general education transfer policy go into effect?
It applied to students who transfer and students who are enrolling in general education courses in the Fall Semester, 2003.

2. What courses are guaranteed to transfer?
Up to 38-40 credits of state guaranteed general education courses taken at a Colorado, public college or university, are guaranteed to transfer among all two- and four-year institutions.

3. Where can I find a list of approved general education courses that apply to the statewide guaranteed transfer program?
www.state.co.us/cche/gened/gtpathways/index.pdf

4. Since there is a list of approved general education courses guaranteed to transfer statewide, does this mean that if I take these courses I am guaranteed admission if I apply to transfer to another Colorado public institution?
No. There are separate admission policies approved by the CCHE for first-time and transfer students for all public higher education institutions in Colorado. The statewide guarantee applies to general education courses successfully completed (grade C- or better) upon acceptance for transfer.

5. If I am a currently enrolled community college student, may I complete my AA or AS degree requirements under the old transfer policies in place when I first enrolled?
Yes, with this caveat: You must be a continuously enrolled student at a Colorado public community college and have completed your degree requirements by the end of the summer of 2005. Beginning with the Fall 2003 term, all new students are under the new statewide transfer policies. If you re-enter a community college in the fall of 2003 or later, the new transfer policies apply to you.

6. What if I didn't complete my AA or AS degree requirements by the end of summer, 2005? May I still transfer to a four-year institution?
Yes, but the only guarantees that apply are those that were in effect under the old transfer policies, if you transfer by that date. Under the former transfer policy, a student who completes the full community college core curriculum will meet the lower division general education requirements at the transfer institution. All other courses will be evaluated by the receiving institution on a course-by-course basis. If you did not complete the core requirements, and transferred by the end of the summer, 2005, all courses were evaluated on a course-by-course basis by the receiving institution.

7. What is the advantage of completing my community college degree requirements under the new statewide transfer policy?
By finishing your AA or AS degree requirements before transferring to a public four-year institution in Colorado, you may expect to be able, upon acceptance, to transfer 60 community college semester credits and enter the four-year institution with junior standing. In liberal arts & science majors, you will be able to finish a BA or BS degree with 60 additional credits at the transfer institution. In other words, if you complete an AA or AS degree program with 38-40 credits of state-guaranteed general education, all of your course credits (up to 60 hours) that applied to your degree requirements for the community college degree will be guaranteed to transfer, upon acceptance, to a four-year college or university. Please see a CMC advisor for further information.

8. What if I change my major while enrolled in a public higher education institution in Colorado?
If you change your major between two liberal arts and sciences programs, the same general education guarantee applies. However, students who change their major after the first 60 hours accept the responsibility that this decision may require additional courses.

9. What if I took a general education course that was not guaranteed to transfer until after I completed it? Will I still be able to transfer the course?
Yes, with certain restrictions:

A. If you FINISH the AA with 38-40 state guaranteed general education course credits completed, the non-state guaranteed general courses will transfer under the 60 + 60 concept.

B. Non-state guaranteed general education courses may transfer. This decision is at the discretion of the receiving institution; but it is highly likely that these courses will transfer.

10. If I am thinking of transferring, where can I find out about another college's degree requirements?
See CCHE's web site at www.state.co.us/cche for additional information.

Credit Transfer Requirements

Only academic courses completed with a "C-" grade or better will be accepted for transfer. Students who have earned scores of four or better on Advanced Placement tests, or five or better on International Baccalaureate tests will be awarded credit that will count toward graduation. General education requirements can be completed while a student is in high school, but credit is not granted for college business courses taken this way.

If you do not complete the Associate of Arts: Business degree, or complete a different two-year degree, your courses will be evaluated on a course-by-course basis. Individual courses may transfer, but the full, 60-credit transfer will not be guaranteed.

Colorado public four-year higher education institutions will honor the full transfer of an associate of arts (AA) degree earned at Colorado Mountain College. When you earn an Associate of Arts degree at Colorado mountain college, completing the State Guaranteed General Education Courses with a grade of "C-" or better in each course applied to the degree, you will transfer with junior standing into any arts and science degree program offered by a Colorado public four-year college.

You should be able to complete your associate of arts degree program in no more than 60 credit hours and your baccalaureate (four-year) degree in no more than a total of 120 credit hours, unless there are additional degree requirements recognized by the Colorado Commission on Higher Education. This means that if you complete your Associate of Arts degree at Colorado Mountain College, you can complete your four-year degree with the same number of credits as students who began at the receiving institution. If you have received credit for prior learning, advanced placement, or correspondence courses, this will be reviewed by the receiving institution.

Transferring Out Credit for a Course or Courses

In addition to the full degree (60+60 credit) transfer, Colorado policy now ensures that students who successfully complete State Guaranteed General Education Courses will receive transfer credits for this course applied to graduation requirements in all majors at all public institutions unless a specific state-wide articulation agreement already exists

(currently Business, Elementary Education, Engineering, and Nursing programs).

It is also possible to transfer out credit for certain examinations and independent study courses. See the following sections for details.

Colorado State Guaranteed Transfer Courses

During fall semester 2003, Colorado implemented a new transfer policy to make it easier to transfer course credits to all state institutions. Under the new policy, courses that are designated State Guaranteed Transfer Courses are guaranteed to satisfy general education requirements at all Colorado public higher education institutions and will count toward graduation for an Associate of Arts or Bachelor's degree.

Within this document, Colorado State Guaranteed Transfer Courses are delineated by a padlock (🔒) icon.

Colorado State Guaranteed Transfer Acronyms

The Colorado State Guaranteed Transfer Courses are grouped into larger academic/program categories indicating what programs they are intended to transfer into and the appropriate grade level. For degree planning, our AA and AS certificate and degree checklists group required and elective State Guaranteed General Education Courses into these categories. The table below summarizes these codes and their meanings.

See www.state.co.us/cche/gened/gtpathways/transfer.pdf for the most current list.

Transferability Symbols

Because we want you to take your learning experience with you, the Colorado Mountain College Catalog and Class Schedules use two symbols to designate course transferability.

The padlock (🔒) symbol designates courses that are part of the approved State Guaranteed General Education Transfer Course list.

The complete list of these state guaranteed general education courses is available on the Colorado Commission of Higher Education web site www.state.co.us/cche/gened/gtpathways/index.pdf.

The asterisk (✱) symbol designates courses that apply to the CMC AA/AS degree, and that satisfy program-specific transfer agreements for the business, engineering, and elementary education programs.

Transferring AAS and Occupational Proficiency Course Credits

Although occupational degrees and the courses within them are designed for immediate employment, some courses and programs transfer to selected baccaulaureate degree-granting institutions.

Courses leading to an Associate of Applied Science degree or Certificate of Occupational Proficiency at Colorado Mountain College may transfer into four-year degree programs when the courses are considered similar in content to those offered at the four-year institution. For occupational certificates and degrees without specific transfer agreements, each four-year institution uses its own discretion as to the credits it will accept in transfer.

Please see your program advisor for further details.

Transferring Credit Through Examinations

Colorado Mountain College awards credit through examinations such as the CLEP test. Although this type of test is standard throughout the country, it will often be re-evaluated when you transfer, and the admissions office at the four-year institution may choose to award a different amount of credits than awarded by Colorado Mountain College.

Transferrable Electives

Transferrable electives are summarized within the certificate and degree checklists and at the beginning of the program descriptions. You can identify them by the lock symbol.

Transferring Independent Study Credits

Independent Studies courses (numbered 185 & 285) are courses arranged between you and an instructor to provide you the chance to study subjects not included in the standard curriculum. When transferring, remember that each institution will evaluate these courses according to its own guidelines. If you wish to have these kinds of courses considered for transfer, you must keep all records of the class (syllabus, tests, papers and other projects) so that they can be evaluated by the receiving institution.

Transferring Out Credits for an Entire Program

Completion of the Guaranteed General Education Transfer Courses and an AA or AS degree with a grade of "C-" or better in each of the courses in the Transfer qualifies

the student to transfer under the Colorado Statewide Transfer Policy (60+60).

If you complete your AA or AS degree including 35 credits of state guaranteed general education courses, and earn a "C-" or better in each course, then at least 60 credit hours of your AA or AS degree will transfer completely, upon admission, to a baccalaureate Liberal Arts and Sciences major in Colorado's public four-year institutions.*

AND

You are guaranteed to be able to finish your Liberal Arts and Sciences baccalaureate degree in just another 60 credit hours.

By finishing your AA or AS degree requirements before transferring to a public four-year institution in Colorado, you may expect to be able, upon acceptance, to transfer 60 community college semester credits and enter the four-year institution with junior standing. Liberal arts & science majors will be able to finish a BA or BS degree with 60 additional credits at the transfer institution.

In other words, if you complete an AA or AS degree program with 38-40 credits of Guaranteed General Education Transfer Courses, all of your course credits (up to 60 hours) that applied to your degree requirements for the community college degree will be guaranteed to transfer, upon acceptance, to a four-year college or university.

Community College Transfer Core Option

Students who began courses at one of the 15 Colorado Community Colleges prior to Fall Semester 2003 had the option of completing the Community College Transfer Core that has existed since 1989 or completing the new State Guaranteed Transfer Courses.

Students who opt to complete the Community College Transfer Core must have completed all core coursework completed before the end of Summer Semester 2005. Upon completion of the Community College Transfer Core, all core classes are guaranteed to transfer.

If the Community College Transfer Core is not completed, courses will be evaluated on a course-by-course basis. Students beginning classes in the Fall of 2003 or after must

follow the guidelines established by the new State Guaranteed General Education Transfer requirements.

State Guaranteed General Education Transfer Courses

During fall semester 2003, Colorado required all state higher education institutions to implement a new State Guaranteed General Education Transfer Curriculum. Under the new policy, courses that are designated State Guaranteed General Education Transfer Courses are guaranteed to satisfy general education requirements at all Colorado public institutions of higher education and will count toward graduation for an Assocaate of Arts or Bachelor's degree.

Completion of both the General Education Transfer Core and an AA/AS degree with a degree of "C-" or better in each of the transfer courses allows the student to transfer to any Colorado public institutions under the 60+60 Statewide Transfer Policy.

The General Education Transfer "Core" includes courses listed at www.state.co.us/cche/gened/gtpathways/transfer.pdf

Courses listed in the 2006-2007 master course listing and degree checklist that have the padlock icon are part of the State Guaranteed General Education Transfer Curriculum .

By finishing your AA or AS degree requirements before transferring to a public four-year institution in Colorado, you may expect, upon acceptance, to transfer 60 community college semester credits and enter the four-year institution with junior standing. Liberal arts & science majors will be able to finish a BA or BS degree with 60 additional credits at the transfer institution. In other words, if you complete an AA or AS degree program with 38-40 credits of state-guaranteed general education, all of your course credits (up to 60 hours) that applied to your degree requirements for the community college degree will be guaranteed to transfer, upon acceptance, to a four-year college or university. And, you should be able to complete a Bachelor of Arts or Bachelor of Science degree within another 60 credit hours. This is called a 60 + 60 transfer plan.

If you change your major between two liberal arts and sciences programs, the same general education guarantee applies. However, students who change their major after the first 60 hours accept the responsibility that this decision may require additional courses.

If you FINISH the AA with 38-40 state guaranteed general education course credits completed, the non-state guaranteed general courses will transfer under the 60+60 concept.

Non-state guaranteed general education courses may transfer on a course-by-course basis. This decision is at the discretion of the receiving institution; but it is highly likely that these courses will transfer.

For a list of applicable degrees at Colorado institutions of higher education, www.state.co.us/cche/gened/gtpathways/programs.pdf.

State-wide and Program-Specific Transfer/Articulation Agreements

State-wide Transfer/Articulation Agreements

Four bachelor degree programs in Colorado offer transfer under separate agreements. As of April 2005, Colorado has developed state-wide transfer agreements for Early Childhood Teacher Education, Elementary Teacher Education, Engineering, and Business degree programs. In some cases, these agreements supercede the State Guaranteed General Education Transfer policies.

See the Colorado Commission of Higher Education website at www.state.co.us/cche/academic/teached/agreements/articulation.html for a list of these state-wide transfer requirements and participating institutions.

Program-Specific Transfer/Articulation Agreements

Colorado Mountain College maintains further articulation agreements with public Colorado colleges and universities that address the transfer of some courses that are part of specialized degree or certificate programs. Colorado Mountain College was the first two-year college to sign a comprehensive agreement with the University of Colorado, Boulder.

See your CMC advisor as soon as possible for degrees and specifics. Special articulation agreements exist for Teacher Education, Business, and Engineering. Certain majors also require essential lower-division pre-requisites.

Colorado Mountain College has signed agreements outlining transfer of degrees in the following areas:

- Community College Engineering
- Elementary Education with Mesa State
- Natural Resource Management
- Outdoor Recreation Leadership
- Resort Management
- Ski Area Operations
- Ski and Snowboard Business

Please consult the appropriate certificate and degree checklists, Colorado Mountain College advisor, and receiving institution for current information about transferring your credits using state-wide or program-specific articulation agreements.

Transfering AAS and Occupational Proficiency Course Credits

Although occupational degrees and the courses within them are designed for immediate employment, some courses and programs transfer to selected baccaulaureate degree-granting institutions.

Courses leading to an Associate of Applied Science degree or Certificate of Occupational Proficiency at Colorado Mountain College may transfer into four-year degree programs when the courses are considered similar in content to those offered at the four-year institution. For occupational certificates and degrees without specific transfer agreements, each four-year institution uses its own discretion as to the credits it will accept in transfer.

Please see your program advisor for further details.

Tips for a Simple and Smooth Transfer

1. Know your career objective and major field of study. If necessary, seek out career counseling or assessment testing. The Student Services Counselors at each CMC campus would be happy to help you do this.

2. Choose a college that is right for you and will help you to meet your goals. Review majors and course offerings, and consider factors like student services, financial aid availability, cost, location and extra-curricular opportunities. There are many good web sites that can assist you with a comprehensive college search.

3. Get assistance in formulating your degree and transfer plans. Academic advisors and faculty knowledgeable in your field of interest can help you make sure that you are building the foundation you need to continue.

4. Plan to complete the Core Curriculum requirements; these are the standardized general education requirements at all community and junior colleges in Colorado. Most Colorado universities will accept the Core requirements as a substitute for their State Guaranteed general education requirements.

5. Plan to complete all lower division (freshman and sophomore) requirements. Check your transfer school's catalog to determine its expectations for freshmen and sophomores. Try to match its requirements for freshmen and sophomores as closely as possible.

6. Check the transferability of courses before you register for them. Remember that the receiving institution is the final authority for accepting your CMC credits. If you have questions about a course that a CMC advisor cannot answer, talk to an admissions counselor at the transfer school.

7. Check on the minimum GPA requirements and the maximum number of transfer credits allowable at your chosen school. CMC offers only "lower division" credits-- freshman and sophomore level courses--and most four-year institutions set a limit on the number of lower division credits they will accept for transfer.

8. Select more than one transfer school that fits your academic needs. Always have a Plan B. Don't automatically eliminate expensive schools from consideration because you think you can't afford them. They realize that they are expensive and often offer better financial aid opportunities. But have a "safety net" school that meets your basic needs.

9. Apply early and know when transcripts are required to be sent. Plan on having transfer applications in the mail by the beginning of your last semester at CMC. Sending partial transcripts may speed up the admissions process.

10. Ask professors and counselors for letters of recommendation well in advance of application deadlines.

Additional Transferability Considerations

Not all courses at Colorado Mountain College will transfer. Developmental and vocational courses (numbered 001-009 and 900-999) are never intended to transfer. If you plan to transfer, you should meet regularly with an academic advisor to ensure a smooth transition to the four-year college of your choice. Transfer guidelines for public Colorado institutions may be available from your advisor. These should be used only as general guides. Contact the receiving institution for the latest requirements.

Courses in this catalog that are marked with an asterisk (✱) apply to the Colorado Mountain College Associate of Arts and Associate of Science degrees. When choosing electives, choosing courses with these symbols may provide a smoother transfer for you. To ensure that elective courses will transfer, always check with the receiving institution first.

Student Privacy, Records & Rights

Student records help staff and faculty plan educational opportunities to meet individual student needs, better understand students and counsel them more effectively for academic success during the school year and in finding gainful and fulfilling employment after graduation. Colorado Mountain College will not provide names and addresses to outside agencies for commercial use.

Confidentiality of Records

Student records are confidential. These records will be released to faculty and professional staff for authorized educational purposes. Your academic records are released only with written consent by you or under specific guidelines in the Family Educational Rights and Privacy Act of 1974 (FERPA).

Copies of Colorado Mountain College policy relating to the Family Educational Rights and Privacy Act of 1974, as amended, are available in the registration office of each campus. This act was designated to protect the privacy of education records, to establish the right of students to inspect and review their education records, and to provide guidelines for the correction of inaccurate or misleading data through informal and formal hearings. Students also have the right to file complaints with the Family Educational Rights and Privacy Act Office concerning

alleged failures by the institution to comply with the Act.

If you have questions concerning the Family Educational Rights and Privacy Act, contact the Colorado Mountain College Registration staff.

Certain items of student information have been designated by Colorado Mountain College as public or directory information. These items are specified in the schedule of classes printed each semester.

Family Educational Rights and Privacy Act (FERPA)

The Family Rights and Privacy Act (FERPA) gives students certain rights with respect to their education records.

1. The right to inspect and review the student's educational records within 45 days of the day the College receives a request for access. Students must submit to the Records Custodian written request that identify the records(s) they wish to inspect. The Records Custodian will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the Records Custodian to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.

2. The right to request the amendment of the student's educational records that the student believes are inaccurate or misleading. Students may ask the College to amend a record that they believe is inaccurate or misleading. They must write the College Records Custodian responsible for the record, clearly identify the part of the record they want changed, and specify why it is inaccurate or misleading. If the College decides not to amend the record as requested by the student, the College will notify the student of the decision and advise the student of his or her right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing. This section does not apply to the assignment of grades.

3. The right to consent to disclosures of personally identifiable information contained in the student's education records, except to the extent that FERPA authorizes disclosure without consent. One exception that permits disclosure without consent is disclosure to school officials with legitimate educational interests. A school official is a person em-ployed by the College in an administrative, supervisory, academic research, or support staff position; a person or company with whom the College has contracted (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks. A school official has a legitimate education interest if the official needs to review an education record in order to fulfill his or her professional responsibility.

4. The College has specified the following items as directory information: Student name, permanent address, local address, permanent telephone number, local telephone number, dates of attendance, degrees and awards received, activity and sports participation and major. The College may disclose any of these items without prior written consent, unless notified in writing to the contrary by the first official class meeting date of each term. This date is found in the College Catalog. Notification must be provided to the Registration Office. A form is provided for your use.

5. The right to file a complaint with the U.S. Department of Education concerning alleged failures by the College to comply with the requirements of FERPA. The name and address of the Office that administers FERPA is the Family Policy Compliance Office, U.S. Department of Education, 400 Maryland Avenue, SW, Washington, DC 20202-4605.

Upon request, the College discloses education records without consent to officials of another school in which the student seeks or intends to enroll. In addition, Federal Law requires the College to release, upon request specific items of information from the student's educational records to the military services.

The College will release information from the student's educational record to the legal parent or guardian of the student if such parent or guardian is eligible under the Internal Revenue Service code.

Withholding Directory Information

Currently enrolled students may withhold disclosure of directory information by notifying the Registrar, in writing, each year, that he or she does not want the directory information released for that year. "Year" is defined as fall through summer terms within one 12-month period. Colorado Mountain College will honor this request. All information will be held confidential. Colorado Mountain College assumes that unless a student specifically requests that directory information is to be withheld, he or she is approving this information for disclosure.

Sex Offender Reporting Policy

Federal Law requires that sex offenders register if working at or attending an educational institution. This law instructs the educational institution to notify students of the method to access this information. In addition to the information provided below, the Colorado Department of Public Safety maintains a web site providing information about those registered in Colorado. The site is www.sor.state.co.us/default.asp

Information concerning persons who are required by Colorado law to register as sex offenders, including registered sex offenders who are enrolled, employed, or volunteering at Colorado Mountain College, may be obtained from your local Police Department, or the County Sheriff's Department.

Discrimination Notice

Colorado Mountain College is an equal opportunity educational institution and does not unlawfully discriminate on the basis of race, color, national origin, sex, or disability in admission or access to, or treatment or employment in, its educational programs or activities. Inquiries concerning Title VI, Title IX, Section 504 and ADA may be referred to Chief Student Services Officer, 831 Grand Avenue, Glenwood Springs, CO 81601, (970) 945-8691, or to the Office for Civil Rights, U.S. Department of Education, Region VIII, Federal Office Building, 1244 North Speer Blvd., Suite 310, Denver, CO 80204 (303) 844-2991.

Alumni: Staying in Touch

The inspiring scenery of the Colorado mountains and the experiences you will have at Colorado Mountain College stay with you long after you graduate. So will many of your friendships formed here. That's why we have alumni resources available to help you stay in touch with your chosen interest area and your classmates. Contact the Colorado Mountain College Foundation office at (970) 947-8378 for more information about alumni opportunities and resources.

You may also subscribe to the alumni newsletter from the alumni homepage at www.coloradomtn.edu/alumni/

Directory

COLLEEN COLEMAN'S credits "transferred seamlessly" to Western State College of Colorado where she made the Dean's List and joined the adventure racing team. She is majoring in Business Administration with an emphasis in marketing and a minor in recreation. Colleen is a rep for Helly Hansen in the Rocky Mountain region, a position she gained through a Ski and Snowboard Business class at Colorado Mountain College.

Directory

In addition to the full-time faculty and staff listed here, Colorado Mountain College employs nearly 1,400 adjunct part-time faculty members and many temporary staff members. Adjunct professors and temporary employees play an integral role in the people, places and passion that make CMC a tremendous environment to learn and work in.

Meet the family. This is a listing of the full-time faculty employed by CMC. There are also nearly 1400 highly qualified and experienced adjunct (part-time) professors that embody our mission of "Leading Through Learning".

CMC Full-time Faculty

Sharon Aguilar, M.A. University of Colorado; *Assistant Professor, English as a Second Language (ESL); Summit/Dillon*

Jerry Andrew, B.S., Iowa State University; M.Ed., Texas A & M University; *Associate Professor, Outdoor Education & Leadership; Timberline/Leadville*

Jan Attoma, B.A., Columbus College - University of Georgia; *Associate Professor, English as a Second Language (ESL); Vail-Eagle Valley Campus*

Mary Axelson, B.S. & M.S.Ed., Texas Tech University; *Professor, Developmental Education and Studies; Roaring Fork/ Spring Valley*

George Bagwell, B.A. & M.A., San Diego State University; *Professor, Social Sciences; Alpine Campus-Steamboat Springs*

Louis Beatty, B.S., Virginia Polytechnic Institute; M.S. Old Dominion University; *Professor, Computers/ Information Systems/Information Technology/Microcomputers; Summit/ Dillon*

Bruce Beckum, B.S., University of Kansas; M.A., Stephen Austin State University; M.A. University of Texas at El Paso; *Associate Professor, Communications/ Humanities; Alpine Campus-Steamboat Springs*

Curt Bender, A.A., Gogebic Community College; B.A. & M.B.A., Western State College; *Professor, Ski Area Operations; Timberline Campus-Leadville*

Kevin Brun, P.O.S.T. Police Officer Certifications; *Instructor, Colorado Law Enforcement Training Academy (CLETA); Roaring Fork/Spring Valley*

Thomas Buesch, B.S., Ripon College; M.A., Ph.D., Northwestern University; *Professor, Communications/Humanities; Aspen Campus*

Pam Burwell, A.A., Colorado Mountain College; B.A. Regis University; M.A California State University; *Assistant Professor, Communications/Humanities;*

Nancy Cain, B.S., Colorado State University; M.Ed., Adams State College; *Associate Professor, Mathematics; Timberline/ Leadville*

Kevin Clarke, A.A.S., Colorado Mountain College - Culinary Institute; B.S. & J.D., Univ. Colorado; *Associate Professor, Culinary Education; Summit/Breckenridge*

Kent Clement, B.S., California State University; M.A., Western Illinois University; Ph.D., Colorado State University; *Associate Professor, Outdoor Education & Leadership; Timberline/ Leadville*

Tom Cochran, B.A., University of California; M.F.A., Florida State University; *Professor, Theater; Roaring Fork Campus-Spring Valley*

Traci Collins, B.A., Guilford College; M.A., University of Denver; *Professor, Computers/Information Systems/ Information Technology/Microcomputers; Roaring Fork/Glenwood Center*

Carol Conger, A.S., B.S., Pacific Union College; M.S., University of Colorado Health Sciences Center; *Professor, Nursing; Roaring Fork/Spring Valley*

Joel Cotton, B.S., Oregon State University; M.S., Colorado State University; *Associate Professor, Computers/Information Systems/ Information Technology/Microcomputers; Glenwood Center*

Stephen Craig, B.S. & M.S., University of Colorado; *Professor, Mathematics; Alpine Campus-Steamboat Springs*

David Cunningham, B.A. Natural Science, Southeastern Louisiana; M.S. Environmental Science (Natural Resources), Jackson State U.; *Assistant Professor, Natural Resource Management; Timberline*

Diane DeFord, B.A., Virginia Polytechnic Institute & State University of Blacksburg VA.; M.A., University of Denver; *Associate Professor, Developmental Education and Studies; Roaring Fork/ Glenwood Center*

Merne Dragonette, B.A., M.S., University of Colorado; *Associate Professor, Mathematics; Roaring Fork/Spring Valley*

Gwyn Ebie, B.F.A., University of Kansas; M.B.A., Eastern New Mexico University; *Professor, Computers/Information Systems/ Information Technology/Microcomputers; Aspen Campus*

Mary Ebuna, B.A., University of Northern Colorado; M.Ed., Colorado State University; *Professor, Spanish; Timberline Campus-Leadville*

Doug Evans, B.A., M.A., University of Kansas; *Professor, English/Composition; Roaring Fork/Spring Valley*

Jim French, B.A., University of Northern Colorado; M.A., University of Colorado; *Professor, Computers/Information Systems/ Information Technology/Microcomputers; Timberline/Leadville*

Susan Good, B.A., Colorado Women's College; *Professor, Occupational Health & Safety; Alpine Campus-Steamboat Springs*

David Gottorff, M.A., Prescott College; *Assistant Professor, Outdoor Education & Leadership; Timberline/Leadville*

Robert Gumbrecht, M.A. Political Science, U. of Colorado 1999; B.A. Political Science, U. of Colorado 1991; *Associate Professor, Social/Behavioral Sciences; Alpine Campus-Steamboat Springs*

Tal Hardman, B.A. & M.A., Illinois State University; *Assistant Professor, Communications/Humanities & English; Roaring Fork/Spring Valley*

Ed Hayduk, B.S., Pennsylvania State University; *Professor, Occupational Health & Safety; Roaring Fork/Spring Valley*

Pam Hogan, B.A., Prescott College; M.A., Adams State College; *Associate Professor, English as a Second Language (ESL); Roaring Fork-Glenwood Center*

Marcia Hund, M.A. Regis University; *Assistant Professor, Developmental Education and Studies; Rifle*

Terry Hunter, B.S., University of Central Arkansas; *Professor, Resort Management; Alpine Campus-Steamboat Springs*

Peter Jeschofnig, B.S., West Texas State University; M.A., Southern Methodist University; Ph.D., Colorado State University; *Professor, Chemistry &, Mathematics; Roaring Fork/Spring Valley*

Derek Johnston, B.A., Rochester Institute of Technology; *Assistant Professor, Photography;*

David Jordan, B.A., University of Mississippi; M.A., Univ. of Southern Mississippi; Ph.D., University of Georgia; *Associate Professor, Communications/ Humanities; Timberline/Leadville*

Karen Kean-Hines, B.S., D.V.M., Colorado State University; *Professor, Veterinary Technology; Roaring Fork Campus-Spring Valley*

Kurt Keiser, B.A., Purdue University: B.F.S., Southern Illinois University; *Assistant Professor, Fire Science; Vail-Eagle Valley Campus/Edwards*

Bob Kelley, A.S., Mesa College; B.A., M.A., Western State College; *Professor, Biology & Mathematics; Roaring Fork/Spring Valley*

Bruce Kime, B.S., University of Oklahoma; M.S., Oklahoma State University; *Associate Professor, Outdoor Education & Leadership; Roaring Fork/Spring Valley*

Kathy Kiser-Miller, B.A., Otterbein College; M.F.A., University of Wisconsin-Madison; *Professor, Communications/ Humanities & English/Composition; Alpine Campus-Steamboat Springs*

Jennifer le Roux, B.A., Stellenbosch University; H.D.E., University of Cape Town; M.A., Adams State College; *Associate Professor, Developmental Education and Studies; Alpine Campus-Steamboat Springs*

Steve Lee, B.S, Baylor University; M.S. Baylor University; *Associate Professor, Computers/Information Systems/ Information Technology/Microcomputers; Vail-Eagle Valley Campus/Edwards*

Michael Martin, A.A., Colorado Mountain College; B.S. Regis University; MBA Regis University; *Assistant Professor, Ski and Snowboard Business; Alpine Campus-Steamboat Springs*

Ken McCracken, M.A., James Madison University; *Associate Professor, Emergency Medicine and Paramedic; Roaring Fork/ Glenwood Center*

Gloria Miller, Ed.D. University of South Carolina; *Director, Nursing; Roaring Fork/Spring Valley*

Lorraine Miller, B.A., San Diego State University; *Associate Professor, English as a Second Language (ESL); Aspen Campus*

Buck Mills, A.A., The Art Institute of Atlanta; A.A., Gainesville Junior College; B.A., Rhode Island School of Design; M.A. Rochester Institute of Technology; *Associate Professor, Photography; Roaring Fork/Spring Valley*

Joyce Mosher, B.A. Composition Literature, Indiana U. of Pennsylvania State U.; M.A. Language and Communication, Regis University; *Assistant Professor, English/Humanities;*

Jeff Myers, B.S., D.V.M., Colorado State University; *Associate Professor, Veterinary Technology; Roaring Fork Campus-Spring Valley*

Joe Nachtrieb, A.S., United Electronic Institute; *Professor, Heavy Equipment Operation; Timberline/Leadville*

Maureen Nuckols, B.S.N., University of Cincinnati; M.S.N., Boston University; M.A., University of Denver; *Associate Professor, Nursing; Roaring Fork/Spring Valley*

Liz Owen, B.S., University of Missouri; *Associate Professor, Emergency Medicine and Paramedic; Vail-Eagle Valley/Edwards*

William Painter, B.S., M.A., Clemson University; Ph.D., Colorado State University; *Associate Professor, Mathematics; Summit/Dillon*

Laura Pless, B.A., University of Northern Carolina; M.A. Regis University; *Associate Professor, Developmental Education and Studies; Summit/Dillon*

Rebecca Potter, B.A., Washington University, St. Louis; M.F.A., Pennsylvania State University; *Assistant Professor, English/Composition; Alpine Campus-Steamboat Springs*

Diane Purse, B.S.N., M.S.N., P.N.P., State University of New York; *Professor, Nursing; Roaring Fork/Spring Valley*

Aggie Ramos, B.A Regis University; *Instructor, Developmental Education and Studies; Vail-Eagle Valley*

Paul Rauschke, A.A.S., Colorado Mountain College; B.A., Illinois State University; *Associate Professor, Ski Area Operations; Timberline Campus-Leadville*

Michael Reyelts, B.A. Brigham Young University; M.A., Adams State College; *Associate Professor, English as a Second Language (ESL); Rifle Campus*

Neil Reynolds, B.A., Regis College; M.A., University of Northern Colorado; J.D., Creighton University; *Associate Professor, Communications/Humanities & English/ Composition; Timberline/Leadville*

Adrian Rippy-Sheehy, B.A., Colorado State University; *Associate Professor, Real Estate;*

Janet Rivera, B.S., Michigan State University; *Assistant Professor, Developmental Education and Studies; Vail-Eagle Valley*

Kim Ryder, Ph.D., Indiana University School of Medicine; M.S., Ball State University; *Professor, Biology;*

Todd Rymer, B.A. New College of the University of South Florida; M.S., Florida International University; *Associate Professor, Culinary Education; Vail-Eagle Valley Campus/Edwards*

John Saunders, B.S., North Carolina State University; M.A., Ed.D., University of Northern Colorado; *Associate Professor, Outdoor Education & Leadership; Alpine Campus-Steamboat Springs*

Roger Segler, B.B.A., University of Nebraska; M.A., University of Alabama; *Professor, Business; Alpine Campus-Steamboat Springs*

Nancy Sheffield, B.S., University of Maryland; *Associate Professor, Veterinary Technology; Roaring Fork Campus-Spring Valley*

Roseanne Shepard, B.A. Benedictine College; *Instructor, Developmental Education and Studies; Roaring Fork/ Spring Valley*

Sara Smith, Ph.D., Michigan State University; *Associate Professor, Spanish; Vail Eagle Valley, Edwards*

Leslie Stoupas, B.A., University of Colorado; M.A. Western Washington University; *Associate Professor, Communications/Humanities; Roaring Fork/Spring Valley*

Nancy Stranger, B.S., Northern Arizona University; M.Ed., Ph.D, Colorado State University; *Professor, Graphic Design; Roaring Fork/Spring Valley*

Janie Swartz, B.A., Illinois College; M.A., University of Illinois; M.A., U. of Illinois at Springfield.; *Professor, English/ Composition; Alpine Campus-Steamboat Springs*

Rhonda Thompson, B.A., M.Ed., Seattle University; *Assistant Professor, Developmental Education and Studies; Timberline/Leadville*

Jeff Troeger, B.A., & M.B.A., J.D. Indiana University; *Professor, Computers/ Information Systems/Information Technology/Microcomputers; Alpine Campus-Steamboat Springs*

Pat Turner, B.S. & M.S., University of Colorado; *Professor, Business; Alpine Campus-Steamboat Springs*

James Westlake, Jr., B.S., University of Alaska; B.S., Valdosta State University; M.S. Louisiana State University; *Professor, Physical Sciences; Alpine Campus-Steamboat Springs*

Kathy Wolf, B.A., Sonoma State; M.A., University of California; *Professor, Biology; Alpine Campus-Steamboat Springs*

Garry Zabel, B.S., M.S., University of Houston; *Professor, Geology; Roaring Fork/Spring Valley*

CMC Full-Time Staff by Location

Alpine Campus
Steamboat Springs

Kerry Hart, D.M.E., University of Northern Colorado; M.A., University of Northern Colorado; B.A., Metropolitan State College; *Campus Dean*

Brian Hoza, M.S., Western Illinois State University; *Assistant Dean of Student Services*

Marcel Archuleta, M.A., University of Phoenix; *Student Services Counselor*

Janice Bell, *Admissions Assistant*

Michael Brumbaugh, M.A., Bowling Green State University, *Student Support Services Coordinator*

Bryce Dahlman, *Groundskeeper/Custodian*

Mary Edwards, *Campus Financial Aid Specialist*

Debra Farmer, M.A., University of Colorado; *Disability Services Coordinator*

Amy Feltner, *Student Services Counselor*

Scott Ford, B.A., Westmont College; *Manager Business Ctr./SBDC Counselor*

Erin Furman, *Microcomputer Specialist II*

Leslee Gooch, *Bookstore Manager*

Erika Grant, *Bookstore Assistant*

Derek Hodson, *Maintenance Mechanic*

Steve Hoots, *Physical Plant Manager*

Mimi Hutton, *Administrative Assistant I /Receptionist*

Tami Jenkins, *Interim Coordinator of Student Life*

Sandy Kent, M.A., University of Colorado at Denver; *Media Technician*

Tommy Larson, B.S., Southern Oregon University; M.S., Washington State University; *Coordinator of Student Activities/Summer Programs*

Jason Makowsky, *Assistant Coordinator of Student Life*

Laurie Marano, B.A., Florida Atlantic University; M.A., Regis University; *Director of Student Support Services*

Carolyn Peters, B.A., Adams State College; M.S., University of Oregon; *Division Director I*

Brianne Powell, B.A., Louisiana State University; *Administrative Assistant I*

Lynda Pruitt, *Coordinator of Student Life*

Carol Richards, *Accounts Manager*

Shelly Riley, B.A., Stetson University; *Adminstrative Assistant I*

Denise Roach, A.A., Colorado Mountain College; *Administrative Assistant II*

William Samuelson, Electrical Technlogy Occupational Certificate; *Maintenance Mechanic*

Damian Schmidt, *Custodian*

June Silva, *Registration Technician*

Steven Smith, B.A., University of Louisville; *Maintenance Mechanic*

George Thomas, *Head Ski Team Coach*

Chip Von Thaden, *Custodian*

Karen Wallace, B.A.E., University of Kansas; *Administrative Assistant I*

Carol Weber, *Administrative Assistant I*

Kristin Weber, M.A., California State University - Dominguez Hills; B.A., California State University - Northridge; *LRC Technician*

Linda Westlake, *Student Receivables Clerk*

Betty Whitmore, *Custodian*

Sarah Winter, B.S., University of Colorado Health Sciences Center; *LRC Technician*

Glenn Wojcik, *Custodian*

Paul Yonekawa, *EMS Training Coordinator*

Aspen Campus

Ann Harris, Ph.D., Colorado State University; M.Ed., Johns Hopkins University; *Campus Dean*

Judi Bell, M.S., California State University-Fullerton; *Division Director*

Jennifer Brennan, M.A., Adams State; *Administrative Assistant II*

Manual Gomez, *Microcomputer Specialist II*

Eileen Hinchliffe, B.A., University of Northern Colorado; *Division Director*

Anne Maclean, *Administrative Assistant II*

Joe Maestas, M.A., University of Colorado-Denver; *Student Services Counselor/ Division Director*

Karen Ryman, B.A., Michigan State University; *Lead Administrative Assistant*

Karen Silverman, B.B.A., University of Bridgeport; *Accounts Manager/ Administrative Assistant II*

Tom Snyder, *Microcomputer Specialist II*

Will Swentzel, B.S., University of Colorado; *Administrative Assistant II*

Kevin Wheeler, B.A., University of Colorado; *Maintenance Manager*

Central Services
Glenwood Springs

Bob Spuhler, Ed.D., University of Southern California; *President*

Lin Claussen, M.P.A., University of Colorado; *Chief Student Development Officer*

Ben Yohe, Ph.D., Colorado State University; *Chief Learning Officer*

Jeff Abts, *Maintenance Mechanic*

Benita Anders, *Payroll Clerk*

Sandi Anderson, *Administrative Assistant I*

Kathi Arthur, B.S., Mesa State College; *Programmer/Analyst*

Toni Black, B.S., Fort Lewis College; *Assistant to the President*

Cheri Brock, *Receptionist*

Carol Brown, Certificate of Occupational Proficiency, Colorado Mountain College; *Foundation Specialist*

Vicky Butler, B.A., Ashland University; *Admission Counselor*

Karleen Clark, *Programmer/Analyst*

Scott Cowdrey, M.S., Computer Science; B.A., California State; *Chief Information Officer*

Brian Cox, *Journeyman Carpenter, Collegewide*

Debra Crawford, B.A., Colorado State University; *Public Relations Director*

Deb Cutter, *Enrollment Services Specialist*

Melissa DeHaan, B.A., M.S., University of Colorado; *Institutional Research Analyst*

Dennis Diaz, *Custodian*

Andre DuBois, *Programmer/Analyst*

Shirley Eaves, *Help Desk Analyst*

Joe Elliott, *Construction Manager*

Jim Ellis, *Network Administrator*

Marjorie Ellis, B.A., University of Northern Colorado; *Educational Services Specialist*

Jim English, M.B.A., Eastern New Mexico University; *Director of Technology and Network Services*

Linda English, CPA; Bachelor of Accounting, Walsh College of Accountancy, *Dean of Finance & Budgets*

Martha Frendendall, *Director of Literacy Outreach*

Marc Gallegos, B.Sc., California State Polytechnic University; A.A. East Los Angeles College; *Safety and Compliance Coordinator*

Meeta Goel, Ph.D., Texas Woman's University; M.A., McGill University, Montreal, Quebec; *Dean of Institutional Effectiveness*

Theresa Hadsock, *Financial Aid Advisor*

Nancy Hays, *Administrative Assistant II*

Anne Holder, A.A., Colorado Mountain College, *Administrative Assistant I*

Mariann Hotchkiss, B.S., University of New Mexico; M.A., University of Northern Colorado; *Coordinator Wo/Men in Transition*

Kaye Jacobson, BBA Florida International University; *Director of Small Business Development Center*

John Jamison, B.A., McKendree College; M.Div., Garrett-Evangelical Theological Seminary; MS.Ed, Quincy University; *Director of Learning Technologies*

Kelly Johnson, *Director Human Resources*

Adam Jones, *Network Engineer*

Bernadette Julich, A.A., Colorado Mountain College; *Grants Development Specialist*

Penny Kenealy, *Accounting Technician II*

Hugh King, *Journeyman Carpenter*

Veneeya Kinion, B.B.A. California Lutheran University; *Institutional Research Analyst*

Renee Kuharski, M.A., University of Colorado - Denver; *Dean of Career and Technical Education*

Gary Lewis, M.Ed., Georgia State University; *Director of Financial Aid*

Blair Lowery, *Admissions Assistant*

Mark McCabe, Ed.D., Northern Arizona University; *Dean of Students*

Greg McAllister, B.B.A. Mesa State College; *Database Administrator*

Jen McGill, B.S., Western Illinois University; *Human Resources Generalist*

Phil Meadowcroft, *HVAC Technician*

Rene Mendoza, *Programmer/Analyst*

Debbie Novak, *Administrative Assistant II*

Linda Ouellette, *Procurement Specialist*

Stephanie Pasternak, *Administrative Clerk - Registrar*

Cleo Perkins, *Telecommunications Specialist*

Linda Pineda, *Administrative Assistant II*

Jim Poremba, B.S., St. Joseph's College; *Accounting Finance Manager*

Sherri Priore, *Accounting Technician I - Cash Management*

Mike Rhoades, B.A., Western State College; *Payroll Specialist*

Maureen Richardson, *Administrative Assistant I*

Bob Robichaud, B.S., U.S. Coast Guard Academy; M.S., University of Illinois; *Director of College Facilities*

Rebecca Ruland, B.S., Northern Arizona University; M.A., University of New Mexico; *Even Start Director*

Sue Schmidt, M.A. Ed, George Washington University; *Learning Technology/Trainer*

Sam Skramstad, *Purchasing Manager*

Lee Smith, B.S., Colorado State University; *Budget Audit Manager*

Tammy Smith, *Accounting Technician I, Student Receivables*

Tom Snyder, *Network Administrator*

Bill Sommers, B.A., Ripon College; M.S., Cardinal Stritch University; *Director of Pre-Enrollment Services*

Willa Soncarty, *Financial Aid Advisor*

John Sowieja, *HVAC Technician*

Gwen Stephenson, *Director, Senior Programs*

Doug Stewart, B.A., Whitworth College; *Director of Marketing and Publications*

Judy Street, *Accounting Technician I - Accounts Payable*

Missy Taucher, *Family Coordinator - Even Start*

Pat Tomasko, B.S., University of Wisconsin; *Assistant Registrar*

Carolyn Tucker, B.S., University of California; M.A., University of Denver; *Workforce Training Coordinator*

Joyce Usher, *Administrative Assistant I*

Mariana Velasquez-Schmahl, *Youth Outreach Coordinator*

Emory White, *Microcomputer Specialist*

Lorraine Wiltse, *Administrative Assistant II*

Alexandra Yajko, M.A., The New School for Social Research; *Dean of College Relations*

Daryl Yarrow, M.A., Regis University; *Division Director - Distance Learning*

Rifle Campus

Pam Arsenault, B.A., Arizona State University; M.A., Portland State University; *Campus Dean*

Edward Bouchard, B.A., Western State University; M.S., Montana State University; *Student Services Counselor*

Sue Coquoz, *Administrative Assistant II*

Tom Hitt, Jr., B.S., Southern Colorado State University; *Accounts Manager*

Mark Holder, *Maintenance Manager*

Joel Journeay, .Coordinator Energy Techology Programs, M.A., B.S., California State University - Los Angeles; *Coordinator Engergy Technology Programs*

Teri Kinkade, M.A., Chadron State College; *Division Director I*

Linda Kochevar, *Administrative Assistant II*

Sarah Lambert, M.A., Northern Arizona University; *Division Director I*

Pam Slaven, *Administrative Assistant II*

Susan Wagstrom, *Administrative Assistant II*

Roaring Fork Campus
Lappala Center - Carbondale

Bill McGreevy, M.Ed., B.J., University of Missouri; *Assistant Campus Dean/ Continuing Education*

Debra Burleigh, M.A., Point Loma College; *Student Services Counselor*

Mary Clement, M.A., University of New Mexico; M.A., Manhattanville College; *Division Director I*

Russ Collins, *Custodian*

Karen Crawford, B.A., Western State College; *Administrative Assistant II/ Accounts Manager*

Linda Singer-Froning, *Administrative Assistant II*

Megann Grett-Pratt, *Administrative Assistant II*

Roaring Fork Campus
Glenwood Center

Bill McGreevy, M.Ed., B.J., University of Missouri; *Assistant Campus Dean/ Continuing Education*

Georgi Aibner, M.A., University of Colorado; *Director of Bilingual Education*

Robbie Adams, *Maintenance Manager*

Allie Bailey-Gates, *Custodian*

Gary Fagan, *Microcomputer Specialist II*

Judy Fisher, M.A., University of Colorado-Denver; *Student Services Counselor*

Terry Glasenapp, A.A., Colorado Mountain College; *Administrative Assistant II*

Ann Halpin, *Administrative Assistant II*

Greg Jeung, B.S., Loyola Marymont University; *Driver-Senior Programs*

Joan LaMoreaux, *Administrative Assistant II*

Judy Milne, B.A., University of Alberta; *Director of Children's Mini College*

Jackie O'Brien, *Accounts Manager*

Jonathan Satz, M.A., Adams State College *Division Director I*

Beth Zukowski, B.A., DePauw University; *Administrative Assistant II*

Roaring Fork Campus
Spring Valley

Nancy Genova, Ed.S, University of Northern Colorado; *Campus Dean*

Lisa Doak, M.Ed., University of Wisconsin; *Assistant Campus Dean for Student Services*

Terry Miller, B.A., University of Colorado; M.A., University of Michigan; *Assistant Campus Dean for Instruction*

Bob Beck, *Maintenance Mechanic*

Donald Bell, *Driver-Senior Programs*

Ida Burnaman, M.Ed., Stephen F. Austin University; *Disability Services Coordinator*

Lisa Cade, *Administrative Assistant II*

Cheryl Cain, *RSVP Project/Senior Programs*

Linda Carlson, *Administrative Assistant I*

Kendra Carpenter, B.A., University of Colorado; *Assistant Coordinator of Residence Life*

Geri Dean, *Custodian*

Abbie Dickinson, B.A., Mesa State College; M.A., University of Denver; *Coordinator of Student Life*

Michael Doyle, *Administrative Assistant I*

Scot Gerdes, *Photo Lab Technician*

Barbara Gugelman, *Administrative Assistant I*

Joe Gugelman, *Maintenance Mechanic*

Cris Hauskins, *Admissions Assistant*

Alice Jenson, *Custodian*

Joe Jones, *District Media Center Supervisor*

Michael Kane, *Groundskeeper/Custodian*

Becky Kramer, *LRC Clerk*

Mary Lehrman, *Campus Fiancial Aid Specialist*

Paige Lillie, B.A., M.A. and Ed.D Lehigh University; *Bookstore Manager*

Merry Manzanares, *Custodian*

Debi Martinez, M.S.W., University of Denver; B.A., California State University; *Student Support Services Coordinator/ Student Learning Coordinator*

Jesse Matteson, *Groundskeeper*

Jane Maurer, *Electronic Course Management System Coordinator*

Chris Mecham, *District Media Technician*

Risa Rater, *Night Security*

Lisa Runck, B.A., Univerity of Alaska Fairbanks; M.A., Central Michigan University; *Student Services Counselor*

Ruth Sante, *Administrative Assistant I*

Linda Shoup, *Administrative Assistant II/ Accounts Manager*

Nan Sowieja, *Accounts Manager/ Administrative Assistant II*

Annie Stephens, *Administrative Assistant II*

Richard Thomas, B.A., M.A. Adams State College; *LRC Technician*

Ruth Walker, *Veterinary Tech./Ranch Manager*

Mindy White, M.L.S., Indiana University; *LRC Coordinator*

Joel Williford, *Microcomputer Specialist II*

Alan Wizer, *Physical Plant Manager*

Summit Campus
Breckenridge Center

Leah Bornstein, B.A., Bradford College; M.Ed. University of Vermont; Ph.D., University of Denver; *Campus Dean*

David Askeland, M.A., Columbia International University; B.S., Taylor University; *Division Director I*

Deborah Devine, *Administrative Assistant II*

Alisa Herbertz, *Microcomputer Specialist*

Jennifer Kemppainen, *Administrative Assistant II*

Jean Kramlich, *Student Services Advisor*

Jim Lamb, B.A., University of Central Florida; *Accounts Manager*

Julie Lyne, *Administrative Assistant I*

Stephen O'Hearne, *Maintenance Manager*

Lina Popma, *Lead Administrative Assistant*

Dawn Zoni, Ph.D., University of Northern Colorado; *Division Director I*

Summit Campus
Dillon Center

Marsh Arzy, M.Ed., Montana State University; *Division Director II*

Carol Bosserman, *Administrative Assistant*

Suzanne Hyman, *Workforce Coordinator*

Yuliya Lef, B.A., Univesity of Colorado - Boulder, M.L.S., Indiana University - Bloomington; *Virtual Learning Resource Center Coordinator*

Mollie Maurer, *Administrative Assistant I*

Marie May, *Lead Administrative Assistant*

Jamie Stoess, *Administrative Assistant II*

Timberline Campus
Chaffee County Center

Susanna Spaulding, M.B.A., New York University Graduate School of Business Administration; *Division Director II*

Holly Bevan, *Accounts Manager*

Ronda Bucholz, *Administrative Assistant*

Jody Latchaw, A.S. Red Rocks; B.A. Fort Lewis College; *Program Coordinator/ Student Services Advisor*

Angela Wallace, AAS in Business, Colorado Mountain College; *Administrative Assistant II*

Timberline Campus
Leadville Campus

John Marrin, B.A Chadron State College; M.B.A., Regis University; *Campus Dean*

Skip Lee, M.S. University of Albany State University of New York; *Assistant Campus Dean for Students*

Gary Adams, *Maintenance Mechanic*

Candy Chant, B.A., Bates College; *Administrative Assistant II*

Alan Cohn, *Physical Plant Manager*

Sandi Conner, M.A., University of Colorado-Denver; *Student Support Services Counselor/Disability Services Coordinator*

Mary Duarte, B.A., University of Wisconsin; *Bookstore Manager*

Dan Eller, B.A.Adams State College; *Technical Services Manager*

Virginia Espinoza, *Admissions Assistant*

Jan Kirkpatrick, *Registration Technician*

Christine Londos, B.A., Chapman University; M.S., California State University; *Student Support Services Coordinator*

Deborah Loper, B.A., M.A, P.h.D, University of Nebraska; *Assistant Campus Dean for Instruction*

Connie Lugeanbeal, M.Ed., Colorado State University; *Student Services Counselor*

Zella Martinez, *Custodian*

Mabel Mascarenaz, *Custodian*

Lori Meurs, *Administrative Assistant I*

Brett Miller, B.A., Lees-McRae College; *Coordinator of Student Life*

Kelly Murphy, B.A., University of Colorado-Colorado Springs; *Campus Financial Aid Specialist*

Kay Neises, *Accounts Manager*

David Purdy, B.A. Drew University; M.S/L.S Columbia University; *Learning Resource Coordinator*

Bill Scherer, *Media Technician*

Ed Slifka, *Groundskeeper/Custodian*

Donald Taylor, *Maintenance Mechanic*

Susan Taylor, *Interim Assistant Coordinator of Student Life*

Monica Trujillo, AAS, Colorado Mountain College; *Administrative Assistant I*

Loretta Vigil, *Receptionist*

Vail-Eagle Valley Campus

Peggy Curry, Ph.D., University of Massachusetts; *Campus Dean*

Heidi Beauregard, *Administrative Assistant*

Larry Dutmer, M.Ed., Loyola University - Chicago; *Student Services Counselor*

Dory Fisher-Light, *Administrative Assistant II*

Sara Gregg, M.A., University of Northern Colorado; *Division Director I*

Felix Haeupptle, *Microcomputer Specialist II*

Laura Hanum, *Administrative Assistant II*

Terresa Herbst, B.S. & M.A., University of New Mexico; *Division Director I*

Carol Kemp, *Lead Administrative Assistant*

Michelle Marx, *Virtual LRC Technician*

Donna McGinnis, M.S., Troy State Univ.; B.A., Chaminade Univ. Hawaii; *Division Director I*

Sharon Mondlak, *Administrative Assistant (EMS)*

Joan Newby, *Administrative Assistant II*

Brian Trujillo, *Maintenance Manager*

Michael Trujillo, B.S. Madonna University; M.P.H. Tulane University of Medicine; *EMS Director*

Marcia Wild, *Accounts Manager*

Colorado Mountain College
APPLICATION FOR ADMISSION
PLEASE PRINT   CHECK BOXES AS APPROPRIATE

PERSONAL INFORMATION

- LAST NAME | FIRST NAME | MI | ● SOCIAL SECURITY NUMBER
- LOCAL MAILING ADDRESS | ● COUNTY IN WHICH YOU RESIDE
- CITY | STATE | ZIP CODE | BIRTHDATE
- STREET ADDRESS (IF DIFFERENT FROM ABOVE) | ● ☐ MALE ☐ FEMALE | ● MO DAY YR
- CITY | STATE | ZIP CODE | ● In what state do you permanently reside?
- ● AREA CODE HOME PHONE | ● AREA CODE WORK PHONE EXT | E-MAIL

STUDENT GOALS

- **While at CMC, which best describes your program of study/major?**
  - ☐ (64)   Associate in Arts (AA) in: _____
  - ☐ (65)   Associate in Science (AS) in: _____
  - ☐   AAS Degree (Occupational) in: _____
  - ☐   Certificate (Occupational) in: _____
  - ☐ (66)   Associate in General Studies in: _____
  - ☐ (107) For occupational upgrade, but not for degree/certificate
  - ☐ (99)   Undeclared

- **Which CMC Campus will you attend?** _____

- **In which semester do you plan to first register at CMC?**
  ____Summer ____Fall ____Spring ____Year

- **Do you plan to transfer to another institution?**
  - ☐ (1)   No, I do not plan to transfer
  - ☐ (2)   Yes, to a 4 year school after CMC graduation
  - ☐ (3)   Yes, to a 4 year school before CMC graduation
  - ☐ (4)   Yes, to a 2 year school after CMC graduation
  - ☐ (5)   Yes, to a 2 year school before CMC graduation

GENERAL INFORMATION

- **Which best describes your current status?**
  - ☐ (N) New Student, first college attended
  - ☐ (R) Re-entering former CMC student
  - Transfer, attended another college
    - ☐ (TC) will transfer credit in to CMC
    - ☐ (TN) will **not** transfer credit in to CMC

- **Type of Secondary Diploma**
  - ☐ (H) High School Diploma
    Year Received _____
  - ☐ (G) G.E.D.
    Year Received _____
  - ☐ (C) Currently enrolled in HIgh School/
    Home Schooled
    Expected Graduation Date _____ (MM/YYYY)
  - ☐ (N) Non-Graduate

- **Which best describes the level of education you have completed? (choose one)**
  - ☐ (L) Less than High School
  - ☐ (H) High School Graduate/GED
  - ☐ (C) Certificate
  - ☐ (A) Associate Degree
  - ☐ (B) Bachelor's Degree
  - ☐ (M) Master's Degree
  - ☐ (D) Doctorate

Name of last High School attended:
_____
City_____State___

- **Ethnic Origin**
  - ☐ (1) Non Resident Alien
  - ☐ (2) Black non-Hispanic
  - ☐ (3) American Indian
  - ☐ (4) Asian or Pacific Islander
  - ☐ (5) Hispanic
  - ☐ (6) White non-Hispanic
  - ☐ (7) I do not wish to provide this information

- **Have your parents attended college?**
  ☐ Mother ☐ Father ☐ Both ☐ Neither ☐ Unknown

  Have your parents earned a baccalaureate (4-year) de-
  ☐ Mother ☐ Father ☐ Both ☐ Neither ☐ Unknown

- **Would you like information about support services available for students with disabilities?** ☐Yes ☐No

SIGNATURE(S) REQUIRED - Please complete and sign reverse side   #420
08/02

COLLEGE EDUCATION

● Other names used at Higher Educational Institutions:_____
● List of colleges attended or attending (do not include CMC):

COLLEGE NAME	CITY	STATE	DATES OF ATTENDANCE	DEGREE EARNED

If you have earned college credits at another institution that you plan to transfer to CMC or use as a prerequisite for a CMC class or to gain exemption from a required placement test, please request that your official transcripts be sent to CMC from each institution attended. **If you have attended more than three institutions, attach another sheet with the additional information.**

SELECTIVE SERVICE STATEMENT

Information on Selective Service registration status must be provided in order to comply with Colorado state law. Individuals providing false information are subject to penalty of law. Most males age 18-26 are required to register with the Selective Service.

Are you required to register with the Selective Service?
☐ Yes   ☐ No

If yes, are you registered? ☐ Yes ☐ No

CITIZENSHIP

Are you a U.S. Citizen? ☐ Yes   ☐ No
If no, what is your nation of citizenship?_____
         Visa/Passport Type: _____
         Date authorized stay expires: _____
         (Attach a photocopy - front & back)
                              OR
         Alien Registration Number _____
         (Attach a photocopy - front & back)
                              OR
☐ (check this box if the following statement is correct) I have no official classification with the Department of Immigration and Naturalization Services (INS).

TUITION CLASSIFICATION   (Has no effect on admission to the college)

● **Are you claiming to be a Colorado Resident for tuition purposes?**   ☐ Yes ☐ No   **Current Age** ☐

If yes, completion of all questions in this section is required. **You must answer the following questions to be considered for In-State or In-District Tuition.** If appropriate, indicate "none" or "not applicable." You may write explanatory notes on this form and/or attach additional sheets as necessary. Failure to answer a question may result in your being classified as a non-resident.

	YOUR INFORMATION	IF YOU ARE UNDER AGE 23 - INFORMATION CONCERNING YOUR PARENT OR COURT APPOINTED GUARDIAN (attach a photocopy of court orders)
Have you attended CMC or another Colorado college prior to September 1996? ☐ Yes ☐ No		
Dates of continuous physical presence in **Colorado**.................	/ / to Present	/ / to Present
Dates of continuous physical presence in CMC District...................	/ / to Present	/ / to Present
List last 2 years **Colorado** income taxes have been filed.................		
Date current **Colorado** Driver's License or **Colorado** ID was issued (mo/yr) **and number**.......................................	# _____	# _____
If current Colorado Driver's License was issued less than two years ago, in which state was the previous license issued?		
List last 2 years of **Colorado** Motor Vehicle registration (mo/yr)....... License Plate # _____		
Date of **Colorado** Voter Registration (mo/yr)..................................		
Parents' name if parent's information provided................................		_____
Dates of extended absences from Colorado during the last 2 years (gone for more than one month at a time).........................	to	to
Have you ever been married? Date of first marriage...................... (Answer this question only if you are under 23 at the time of application.)		

OR

● **List the last 2 years of employment**

_____ fr____ to____
(employer)   (city)   (state)   (dates)

_____ fr____ to____
(employer)   (city)   (state)   (dates)

_____ fr____ to____
(employer)   (city)   (state)   (dates)

_____ fr____ to____
(employer)   (city)   (state)   (dates)

SIGNATURE

I certify, under penalty of perjury, that the information presented on this form is true and complete. If asked by an authorized official, I agree to give proof of the information I have provided. **If the student is under 18 years of age at the time the application is signed, the student's parent or court appointed guardian must sign this application.**

SIGNATURE _____ DATE _____

PARENT/COURT APPOINTED GUARDIAN SIGNATURE _____ DATE _____

Colorado Mountain College Foundation

Please do not staple documents to this application.

Use this application only for Colorado Mountain College Foundation Scholarships.

Scholarship criteria: Applicant must meet eligibility criteria specified in the scholarship applied for, demonstrate scholastic ability, demonstrate financial hardship, have clearly defined educational and career goals and provide two letters of recommendation. After reviewing the criteria for this scholarship, please complete the following application. You may use additional pages as needed.

Please photocopy this application if you are applying for more than one scholarship.

_____
LAST NAME   FIRST   MIDDLE

_____
SOCIAL SECURITY #

_____
PERMANENT MAILING ADDRESS

_____
CITY STATE ZIP CODE

_____
HOME PHONE   WORK PHONE

_____
HIGH SCHOOL ATTENDED   DATE OF GRADUATION

I plan to attend Colorado Mountain College at (campus location):

I plan to enroll: Fall, 20_____; Spring, 20_____; Summer, 20_____; Other, 20_____

_____
COUNTY OF RESIDENCY

_____
LENGTH OF TIME IN COLORADO MOUNTAIN COLLEGE SERVICE AREA OR DISTRICT

_____
DEGREE OR CERTIFICATE AREA

Class level: ☐ Freshman ☐ Sophomore ☐ Continuing

Level of Attendance: ☐ Part Time ☐ Full Time

Grade Point Average (if known): _____High School _____College

_____
NAME OF SCHOLARSHIP YOU ARE APPLYING FOR

May we use your name and any pertinent information in Colorado Mountain College published materials? If so, please authorize by signing your name below:

I, _____
authorize the release of all pertinent information to the Colorado Mountain College Foundation and also authorize the use of this information in published materials.

I affirm that all statements in this application for financial assistance are true to the best of my knowledge. I have read, understood, and agree with the policies attached to this application.

_____
APPLICANT'S SIGNATURE   DATE

COLORADO MOUNTAIN COLLEGE
FOUNDATION

1. Attach one-page essay defining your qualifications for this scholarship and your educational goals. Include any specific information pertinent to the scholarship you are applying for.

2. Include two letters of recommendation from faculty, community members, employers or others, who know of your qualifications and should be able to address your character, and reinforce your educational career goals.

3. Attach a copy of FAFSA Student Aid Report (SAR) for the current year if applicable. Otherwise attach first page only of prior years tax return (include parent/guardian return if applicant is claimed as a dependent).

Please return this application and **all supporting documentation** to:

Carol J. Brown
Foundation Assistant
Colorado Mountain College Foundation
PO Box 1763
Glenwood Springs, CO 81602

970-947-8355
E-mail: cjbrown@coloradomtn.edu

Financial Information

(Please note: This information is confidential.)

The committee retains the right to request additional financial information e.g. annual tax returns).

NAME	OCCUPATION AND EMPLOYER	ANNUAL INCOME
FATHER (OR GUARDIAN)		
MOTHER (OR GUARDIAN)		

SIBLING(S)	AGE	SCHOOL ATTENDING	GRADE

ESTIMATED COST OF COLLEGE EDUCATION PER YEAR		ESTIMATED FAMILY LIVING EXPENSES MONTH	
TUITION & FEES	$	MORTGAGE/RENT	$
ROOM & BOARD		UTILITIES	
BOOKS		FOOD	
OTHER		OTHER	
TOTAL	$	TOTAL PER MONTH	$

Funds Available to Meet Your College Costs

If you reasonably expect money from a source, but are not sure, please list amount and, next to it, the date you expect to know.

	CERTAIN	POSSIBLE	NOTES
PERSONAL FUNDS (SAVINGS, CASH, ETC.)	$	$	
LOANS (LIST TYPE)			
YOUR EARNINGS (LIST SOURCE)			
PARENTAL OR OTHER SUPPORT			
OTHER SCHOLARSHIPS (NAME)			
STUDENT AID AND/OR GRANTS			
OTHER INCOME (EXPLAIN)			
TOTAL ESTIMATED FUNDS AVAILABLE	$	$	
TOTAL FINANCIAL NEED DIFFERENCE BETWEEN ESTIMATED COST & FUNDS AVAILABLE	$	$	
WHAT IS EFC ACCORDING TO FAFSA SUBMISSION	$		

I affirm that all statements in this application for financial assistance are true to the best of my knowledge.

DATE	APPLICANT SIGNATURE

Colorado Mountain College

Learning Locations
Aspen

Breckenridge

Carbondale

Chaffee County
Buena Vista

Dillon

Glenwood Springs

Leadville

Rifle

Spring Valley
Glenwood Springs

Steamboat Springs

Vail-Eagle Valley
Edwards